

	FPKM				Fold Change (FPKM+1)		Gfold		Recored as IRG in ImmPort?
	HCC1937 (R282W)		Thp-1 (R282W)		HCC1937 (R282W)	Thp-1 (R282W)	HCC1937 (R282W)	Thp-1 (R282W)	
	DMSO	Decitabin e	DMSO	Decitabine	Decitabine/ DMSO	Decitabine/ DMSO	Decitabin e/DMSO	Decitabin e/DMSO	
<i>TSPAN6</i>	0.14	1.18	5.25	6.55	1.912280702	1.208421471	1.63737	0	Yes
<i>DPM1</i>	10.18	10.09	11.01	12.18	0.991949911	1.097697188	0	0	Yes
<i>SCYL3</i>	9.16	9.24	3.70	4.41	1.007874016	1.151938643	0	0	Yes
<i>C1orf112</i>	5.69	16.29	40.22	44.94	2.58445441	1.114538252	1.39603	0	Yes
<i>FGR</i>	1.98	3.62	0.17	0.23	1.55033557	1.047568745	0.471846	0	Yes
<i>FUCA2</i>	7.27	10.67	1.79	2.02	1.411124547	1.082106768	0.397175	0	Yes
<i>GCLC</i>	0.55	5.91	<0.1	NA	4.458064516	NA	2.99106	NA	Yes
<i>NFYA</i>	206.45	114.12	4.68	5.33	0.554928899	1.113592571	-0.787832	0	Yes
<i>STPG1</i>	2.04	17.77	0.18	0.27	6.174342105	1.077652301	2.45289	0	Yes
<i>NIPAL3</i>	22.39	26.57	17.45	17.92	1.17870885	1.025242944	0.154696	-0.0192766	Yes
<i>LAS1L</i>	12.93	27.49	1.32	4.50	2.045226131	2.372036157	0.942631	1.08371	Yes
<i>ENPP4</i>	1.05	2.39	5.22	8.03	1.653658537	1.451709863	0.780635	0.468393	Yes
<i>SEMA3F</i>	3.64	1.66	<0.1	NA	0.573275862	NA	-0.830689	NA	Yes
<i>ANKIB1</i>	4.98	7.16	7.51	6.66	1.364548495	0.900377837	0.35686	-0.0999295	Yes
<i>CYP51A1</i>	0.8	1.06	1.80	2.11	1.144444444	1.111246469	0	0	Yes
<i>KRIT1</i>	25.19	26.14	52.47	52.52	1.036273387	1.00100225	0	-0.0186097	Yes
<i>RAD52</i>	6.12	9.63	0.16	0.42	1.492977528	1.221850017	0.492466	0.304559	Yes
<i>MYH16</i>	35.66	27.8	1.44	1.66	0.785597381	1.089501463	-0.277281	0	Yes
<i>BAD</i>	48.74	43.66	78.40	80.16	0.897868918	1.022119786	-0.0576265	-0.0512847	Yes
<i>LAP3</i>	45.54	34.53	37.47	32.48	0.763429308	0.870355016	-0.31606	-0.202985	Yes
<i>CD99</i>	0.18	0.44	<0.1	NA	1.220338983	NA	0.296376	NA	Yes
<i>HS3ST1</i>	1.57	4.01	0.87	0.92	1.949416342	1.024119511	0.850633	0	Yes
<i>AOC1</i>	37.42	36.18	204.44	201.94	0.967725143	0.987815637	0	-0.0970109	Yes
<i>LASP1</i>	7.31	5.15	18.16	19.87	0.740072202	1.089209138	-0.296948	0	Yes
<i>SNX11</i>	10.26	32.91	81.60	104.51	3.011545293	1.277306023	1.53566	0.160601	Yes
<i>M6PR</i>	6.24	14.32	125.97	130.45	2.116022099	1.035308638	1.03549	-0.0653	Yes
<i>CYP26B1</i>	2.6	1.57	0.65	0.76	0.713888889	1.064812197	-0.395281	0	Yes
<i>ICA1</i>	15.16	12.5	17.70	17.86	0.83539604	1.00844171	-0.114467	0	Yes
<i>DBNDD1</i>	1.68	10.26	23.64	28.58	4.201492537	1.200440178	2.27826	0.0529835	Yes

ALS2	4.51	5.07	11.64	12.50	1.101633394	1.068403347	0	0	Yes
CASP10	176.37	180.73	166.17	156.15	1.024581384	0.94004922	0	-0.150826	Yes
CFLAR	1147.12	951.21	819.96	840.24	0.829364526	1.024703853	-0.220082	-0.116465	Yes
TFPI	0.19	0.81	<0.1	NA	1.521008403	NA	1.42611	NA	Yes
NDUFAF7	58.5	116.73	<0.1	NA	1.978655462	NA	0.946447	NA	Yes
RBM5	7.52	2.94	<0.1	NA	0.462441315	NA	-1.18176	NA	Yes
ARF5	2.29	1.67	19.81	17.53	0.811550152	0.890471638	-0.0027323	-0.193163	Yes
POLDIP2	943.38	387.61	137.78	136.83	0.41149749	0.993128273	-1.25959	-0.121751	Yes
PLXND1	7.37	6.97	0.86	1.25	0.952210275	1.211147216	0	0.148056	Yes
AK2	0.15	0.65	<0.1	NA	1.434782609	NA	1.23584	NA	Yes
FKBP4	0.24	0.44	0.25	0.43	1.161290323	1.144087854	0.140728	0	Yes
KDM1A	5.28	6.31	12.61	13.17	1.164012739	1.041020606	0.0918697	0	Yes
RBM6	0.88	1.6	6.59	9.95	1.382978723	1.442910916	0.431774	0.30364	Yes
CAMKK1	4.48	7.02	4.60	7.46	1.46350365	1.510723986	0.503034	0.33191	Yes
RECQL	0.84	2.86	0.73	0.65	2.097826087	0.952912217	1.21745	0	Yes
VPS50	22.83	20.27	108.27	94.47	0.892572388	0.873746102	-0.0623342	-0.306579	Yes
HSPB6	5.71	14.69	0.36	0.77	2.338301043	1.304187219	1.17645	0.327521	Yes
ARHGAP33	24.52	22	99.10	90.98	0.901253918	0.918859347	-0.0127737	-0.201816	Yes
NDUFAB1	0.11	0.64	<0.1	NA	1.477477477	NA	1.40425	NA	Yes
PDK4	0.16	0.15	1.44	1.52	0.99137931	1.031983356	0	0	Yes
ZMYND10	18.38	20.99	23.02	23.07	1.134674923	1.002245562	0.0982201	-0.0714977	Yes
SLC25A13	6.74	8.04	378.57	381.70	1.167958656	1.008255015	0.0895552	-0.0974039	Yes
ST7	1.24	3.54	<0.1	NA	2.026785714	NA	1.21794	NA	Yes
CDC27	0.19	0.57	0.55	0.85	1.319327731	1.196329161	0.874514	0	Yes
HCCS	42.13	35.72	27.81	28.23	0.85137955	1.014630748	-0.149907	-0.0425604	Yes
DVL2	192.39	147.75	274.89	269.68	0.769171105	0.981130678	-0.327189	-0.115642	Yes
PRSS22	49.09	46.38	2.95	3.79	0.945897385	1.213414594	-0.0097995	0	Yes
UPF1	22.13	16.26	22.73	21.02	0.746217034	0.927948381	-0.301185	-0.0610658	Yes
SKAP2	20.89	42.55	17.91	16.98	1.989492919	0.950951998	0.845078	0	Yes
SLC25A5	3.15	3.77	1.66	1.80	1.14939759	1.052069707	0.0541259	0	Yes
MCUB	1.28	2.35	2.30	2.55	1.469298246	1.076363128	0.596083	0	Yes
HOXA11	0.51	1.52	1.00	0.30	1.668874172	0.648497957	0	0	Yes
POLR2J	7.86	9.5	96.36	107.14	1.18510158	1.110708935	0.1804	0	Yes
DHX33	28.57	36.99	91.38	87.23	1.284748055	0.955129149	0.260701	-0.161308	Yes
THSD7A	95.32	182.14	37.70	45.93	1.901370432	1.212591602	0.899072	0.11972	Yes
LIG3	2.8	3.6	8.09	8.20	1.210526316	1.011979097	0.152951	0	Yes
RPAP3	11.21	7.88	0.63	1.11	0.727272727	1.294414268	-0.351395	0.289666	Yes
ACSM3	3.51	4.17	7.29	9.59	1.146341463	1.276985731	0.0315401	0.00472846	Yes

REXO5	181.03	124.54	170.46	166.94	0.689666538	0.979462518	-0.469696	-0.103512	Yes
CIAPIN1	0.77	0.58	0.50	0.79	0.892655367	1.194192895	0	0	Yes
SPPL2B	4.74	4.11	<0.1	NA	0.890243902	NA	0	NA	Yes
FAM214B	6.77	6.31	0.12	0.23	0.940797941	1.095347615	0	0.0554211	Yes
COPZ2	19.81	20.86	14.66	16.32	1.050456511	1.106224047	0	0	Yes
PRKAR2B	1.11	2.76	22.28	19.53	1.781990521	0.882010165	1.08298	-0.238955	Yes
MSL3	10.84	10.05	35.34	33.52	0.933277027	0.949842141	0	-0.167942	Yes
CREBBP	4.39	9.26	<0.1	NA	1.903525046	NA	0.76427	NA	Yes
TSPOAP1	253.62	364.51	268.04	316.33	1.435511743	1.179489891	0.495179	0.0743826	Yes
GCFC2	3.67	2.71	0.47	0.42	0.794432548	0.968018163	0	0	Yes
WDR54	6.09	7.15	3.43	3.65	1.149506347	1.049514626	0	0	Yes
CROT	17.99	12.57	10.97	11.57	0.714586625	1.04985719	-0.417001	0	Yes
KMT2E	4.12	6.08	4.35	4.48	1.3828125	1.024187191	0.425925	0	Yes
RHBDD2	20.85	28.58	26.11	28.98	1.353775744	1.105708664	0.35581	0	Yes
SOX8	30.5	38.72	114.51	125.56	1.260952381	1.095683973	0.253778	0	Yes
IBTK	1.54	2.14	15.71	17.16	1.236220472	1.087033403	0.256378	0	Yes
ZNF195	15.5	15.09	7.38	7.83	0.975151515	1.053560884	0	0	Yes
MYCBP2	7.81	15.1	4.08	8.87	1.827468785	1.943614965	0.798604	0.639022	Yes
FBXL3	1.35	2.7	9.54	6.56	1.574468085	0.717675476	0.329358	-0.397058	Yes
PKD2	35.14	38.67	56.32	53.96	1.097675706	0.958779908	0.0455024	-0.120143	Yes
ITGA3	12.89	9.55	17.97	18.98	0.759539237	1.053209077	-0.316516	-0.0462681	Yes
ZFX	54.68	60.54	8.98	10.35	1.105244253	1.136910232	0.0687786	0	Yes
LAMP2	1.09	1.16	4.41	4.00	1.033492823	0.924050963	0	0	Yes
ITGA2B	11.55	13.35	14.11	16.01	1.143426295	1.125702711	0.0503823	0	Yes
GDE1	1.22	0.84	<0.1	NA	0.828828829	NA	-0.246863	NA	Yes
REX1BD	140.51	110.47	42.57	43.09	0.787718182	1.011857274	-0.273103	-0.0154912	Yes
CRLF1	1.49	1.02	<0.1	NA	0.81124498	NA	-0.0592623	NA	Yes
OSBPL7	1.66	2.93	<0.1	NA	1.477443609	NA	0.513454	NA	Yes
TMEM98	12.51	16.17	5.01	5.35	1.270910437	1.057116159	0.2315	0	Yes
YBX2	0.31	0.58	0.46	0.62	1.20610687	1.112575005	0.175665	0	Yes
MAP3K14	0.19	0.12	2.00	2.01	0.941176471	1.003244029	0	0	Yes
TMEM132A	4.11	7.86	<0.1	NA	1.733855186	NA	0.646304	NA	Yes
AP2B1	0.16	1.19	<0.1	NA	1.887931034	NA	1.24534	NA	Yes
ZNF263	671.55	626.43	931.68	927.81	0.932912051	0.99585456	-0.0753714	-0.137268	Yes
CX3CL1	1	0.96	6.20	8.16	0.98	1.271545491	0	0.0431932	Yes
SPATA20	0.16	0.37	11.86	11.93	1.181034483	1.005106576	0.0444399	-0.0037544	Yes
CACNA1G	7.49	3.72	2.56	3.65	0.555948174	1.306733765	-0.865025	0.00399362	Yes
TNFRSF12A	68.82	75.41	115.51	109.74	1.094385563	0.950467712	0.0586239	-0.126932	Yes

MAP3K9	22.56	28.68	16.01	16.71	1.259762309	1.040949533	0.25891	-0.0145036	Yes
RALA	23.8	31.73	72.68	88.05	1.319758065	1.208631107	0.34817	0.0876923	Yes
BAIAP2L1	4.53	17.81	11.06	6.56	3.401446655	0.626922332	1.70644	-0.737343	Yes
KDM7A	0.98	2.09	1.35	1.56	1.560606061	1.088581931	0.253215	0	Yes
ETV1	40.79	16.32	<0.1	NA	0.414453218	NA	-1.20815	NA	Yes
AGK	3.99	4.52	4.37	4.46	1.106212425	1.017340544	0	0	Yes
ALDH3B1	9.24	9.14	20.33	21.05	0.990234375	1.033777719	0	0	Yes
TTC22	35.85	60.34	0.17	0.26	1.66458616	1.074658925	0.668283	0	Yes
PHTF2	0.49	1.54	<0.1	NA	1.704697987	NA	0.916144	NA	Yes
CCL26	1.05	1.13	8.43	8.73	1.03902439	1.03148049	0	0	Yes
FARP2	140.4	99.61	52.16	55.37	0.711527581	1.060319479	-0.429187	0	Yes
GGCT	64.34	57.48	40.93	44.13	0.895010713	1.076397092	-0.0881855	0	Yes
DBF4	1.81	1.78	<0.1	NA	0.989323843	NA	0	NA	Yes
IFRD1	2.44	10.61	20.27	22.95	3.375	1.12585083	1.77764	0	Yes
COX10	2.59	6.83	7.97	19.80	2.181058496	2.31893305	1.03385	1.01403	Yes
GTF2IRD1	56.22	44.23	33.20	31.59	0.790457882	0.95294215	-0.258334	-0.0897431	Yes
PAF1	6.39	21.81	11.12	12.17	3.086603518	1.086856139	1.50325	0	Yes
VPS41	0.25	0.21	<0.1	NA	0.968	NA	0	NA	Yes
ARHGAP44	0.48	2.85	8.83	8.46	2.601351351	0.962306184	2.16326	-0.077581	Yes
ELAC2	1.3	1.87	<0.1	NA	1.247826087	NA	0.144683	NA	Yes
ARSD	0.19	0.46	<0.1	NA	1.226890756	NA	0.273607	NA	Yes
PNPLA4	14.47	9.82	1.55	1.27	0.699418229	0.888782538	-0.454251	-0.122339	Yes
ADIPOR2	0.36	0	<0.1	NA	0.735294118	NA	0	NA	Yes
CDKL3	196.34	92.36	<0.1	NA	0.473092125	NA	-1.00342	NA	Yes
MARK4	25.25	29.27	24.59	23.37	1.153142857	0.952466438	0.0766373	-0.0582725	Yes
CCDC124	0.13	0.43	4.52	4.52	1.265486726	0.999576416	0	0	Yes
PAFAH1B1	44.18	42.03	40.97	41.39	0.952412572	1.010049411	0	-0.0119468	Yes
KIAA0100	2.16	4.07	1.50	1.80	1.60443038	1.120459384	0.753144	0	Yes
GAS7	3.45	3.97	2.31	2.08	1.116853933	0.92905486	0	0	Yes
TRAPPC6A	1.21	2.32	<0.1	NA	1.502262443	NA	0	NA	Yes
ST7L	54.43	62.06	61.81	65.24	1.137651091	1.054557916	0.101584	0	Yes
PAX6	0.17	0.08	5.76	7.50	0.923076923	1.256675938	0	0.13708	Yes
RPUSD1	13.82	16.52	92.10	82.46	1.182186235	0.896417523	0.125885	-0.24125	Yes
RHBDF1	0.95	0.2	0.81	0.96	0.615384615	1.083763518	-0.763742	0	Yes
LUC7L	3.41	4.35	26.61	29.92	1.213151927	1.119923618	0.180945	0	Yes
CACNA2D2	17.76	16.95	31.97	26.19	0.956823028	0.824653067	0	-0.30818	Yes
BAIAP3	0.61	0.22	0.15	0.22	0.757763975	1.061392183	-0.423432	0	Yes
TSR3	8.55	8.92	8.43	9.97	1.038743455	1.163681737	0	0	Yes

<i>PIGQ</i>	27.4	26.52	21.72	22.47	0.969014085	1.033010917	0	0	Yes
<i>CRAMP1</i>	0.59	1.19	1.28	0.88	1.377358491	0.822655814	0	0	Yes
<i>TEAD3</i>	21.25	22.82	30.05	34.20	1.070561798	1.133635909	0	0	Yes
<i>DNAJC11</i>	5.38	6.89	46.55	48.63	1.236677116	1.043686964	0.13516	-0.0106243	Yes
<i>MYLIP</i>	3.7	2.21	3.11	2.55	0.682978723	0.862965101	-0.335631	-0.173552	Yes
<i>E2F2</i>	34.45	26.66	17.25	19.00	0.780253879	1.096057387	-0.25321	0	Yes
<i>PSMB1</i>	29.4	23.68	145.70	120.23	0.811842105	0.826399354	-0.246245	-0.349921	Yes
<i>JARID2</i>	15.37	14.58	38.00	37.32	0.95174099	0.982540691	-0.0050091	-0.11548	Yes
<i>NADK</i>	3.19	15.94	4.20	4.70	4.042959427	1.095994265	1.90019	0	Yes
<i>CYTH3</i>	7.22	10.21	128.29	127.83	1.363746959	0.996471515	0.289736	-0.12776	Yes
<i>ADAM22</i>	0.16	0.64	0.16	0.93	1.413793103	1.664082217	0	0.665229	Yes
<i>SYPL1</i>	27.29	27.24	83.71	90.85	0.998232591	1.084241201	0	0	Yes
<i>CYB561</i>	0.44	4.47	<0.1	NA	3.798611111	NA	2.22025	NA	Yes
<i>SPAG9</i>	0.23	0.12	25.35	23.04	0.910569106	0.912370595	0	-0.192126	Yes
<i>CELSR3</i>	9.9	12.2	4.22	4.00	1.211009174	0.957633101	0.190498	-0.0363352	Yes
<i>AASS</i>	13.23	12.45	8.38	11.08	0.945186226	1.288265108	0	0.156852	Yes
<i>PLEKHG6</i>	12.54	14.74	<0.1	NA	1.162481536	NA	0.121697	NA	Yes
<i>SS18L2</i>	4.66	6.92	4.93	5.65	1.399293286	1.12149301	0.434495	0	Yes
<i>MPND</i>	0.24	0.29	0.16	0.31	1.040322581	1.128673122	0	0	Yes
<i>MGST1</i>	1.66	2.05	5.35	5.39	1.146616541	1.005877587	0	0	Yes
<i>CRY1</i>	0.78	1.29	11.04	11.56	1.286516854	1.043059283	0.227753	0	Yes
<i>NFIX</i>	5.6	8.34	15.76	19.18	1.415151515	1.203965662	0.41306	0.087645	Yes
<i>ST3GAL1</i>	0.36	0.84	3.92	4.74	1.352941176	1.166713449	0.62706	0	Yes
<i>MMP25</i>	18.52	21.45	47.52	48.37	1.150102459	1.017593222	0.0862869	-0.0503746	Yes
<i>IL32</i>	1.92	1.56	<0.1	NA	0.876712329	NA	0	NA	Yes
<i>PKD1</i>	0.28	0.7	<0.1	NA	1.328125	NA	0	NA	Yes
<i>MED24</i>	11.03	14.72	1.05	1.46	1.306733167	1.197604134	0.273438	0	Yes
<i>RHOBTB2</i>	1.45	1.38	2.23	2.45	0.971428571	1.066844111	0	0	Yes
<i>HEATR5B</i>	2.91	2.58	10.42	12.16	0.915601023	1.152562588	0	0	Yes
<i>SEC62</i>	1.01	1.09	2.12	2.01	1.039800995	0.965491502	0	0	Yes
<i>RPS20</i>	14.55	9.08	3.48	3.87	0.648231511	1.086492289	-0.505324	0	Yes
<i>CSDE1</i>	18.2	27.41	<0.1	NA	1.4796875	NA	0.433687	NA	Yes
<i>UBE3C</i>	1.35	3.32	<0.1	NA	1.838297872	NA	0.772543	NA	Yes
<i>REV3L</i>	62.47	64.57	135.72	134.48	1.033086498	0.990961383	0	-0.090773	Yes
<i>FAM76A</i>	11.52	8.55	1.89	2.36	0.762779553	1.163741325	-0.236955	0	Yes
<i>POMT2</i>	19.84	22.23	20.02	23.37	1.114683301	1.159167409	0.0745975	0.00625811	Yes
<i>VTA1</i>	12.11	10.5	1.99	2.67	0.877192982	1.226048087	-0.0380816	0	Yes
<i>MLXIPL</i>	0.2	0.98	0.28	0.18	1.65	0.923483061	0.688509	0	Yes

BAZ1B	17.94	15.98	17.63	19.96	0.896515312	1.124825983	-0.0611424	0	Yes
RANBP9	16.15	19.8	<0.1	NA	1.212827988	NA	0.091645	NA	Yes
ETV7	265.37	270.88	520.18	664.26	1.020685513	1.276449623	0	0.192574	Yes
SPRTN	28.32	27.67	123.16	136.46	0.977830832	1.107129011	0	0	Yes
EEF1AKNMT	0.12	0.14	6.19	7.63	1.017857143	1.200853828	0	0	Yes
DYRK4	5.51	9.71	20.81	20.60	1.64516129	0.990440215	0.696523	-0.084058	Yes
ZNF207	54.97	155.77	17.31	19.64	2.800964803	1.127498363	1.42069	0	Yes
UQCRC1	35.24	30.04	140.52	133.48	0.856512141	0.950287482	-0.159387	-0.175312	Yes
STARD3NL	7.03	8.52	5.53	5.91	1.185554172	1.058031481	0	0	Yes
CD9	24.27	21.04	28.88	28.29	0.872180451	0.980322867	-0.112931	-0.0380422	Yes
NCAPD2	6.87	5.51	5.84	6.68	0.827191868	1.122579445	-0.132992	0	Yes
IFFO1	7.29	8.54	246.82	225.86	1.150784077	0.915436301	0.0535765	-0.229353	Yes
GIPR	0.3	0.45	1.73	2.27	1.115384615	1.196558896	0	0.0101258	Yes
PHF7	19.28	29.59	39.57	38.41	1.508382643	0.971462764	0.511013	-0.0886884	Yes
NISCH	12.65	12.4	29.30	31.12	0.981684982	1.060000109	0	0	Yes
FUZ	0.16	0.69	<0.1	NA	1.456896552	NA	0.927165	NA	Yes
IDS	21.41	16.78	63.20	49.23	0.793395805	0.78241876	-0.284489	-0.437266	Yes
PRSS3	0.43	0.7	<0.1	NA	1.188811189	NA	0.273124	NA	Yes
ZNF200	14.16	20.97	20.10	21.70	1.449208443	1.075610421	0.465664	0	Yes
LRRC23	25.55	32.97	5.21	7.01	1.279472693	1.290411131	0.249557	0.10164	Yes
HFE	0.12	0.08	0.19	0.16	0.964285714	0.972349208	0	0	Yes
SCMH1	0.14	0.29	<0.1	NA	1.131578947	NA	0	NA	Yes
FYN	5.46	5.73	9.14	10.24	1.041795666	1.10833521	0	0	Yes
HIVEP2	0.22	0.65	<0.1	NA	1.352459016	NA	1.03105	NA	Yes
ELOA	38.73	26.68	5.39	3.97	0.696702744	0.77799628	-0.458931	-0.348778	Yes
LYPLA2	25.35	22.32	<0.1	NA	0.885009488	NA	-0.0701765	NA	Yes
CLCN6	0.35	0.34	<0.1	NA	0.992592593	NA	0	NA	Yes
MRC2	0.28	0.38	<0.1	NA	1.078125	NA	0	NA	Yes
NME1-NME2	0.74	0.43	0.81	0.91	0.82183908	1.054511641	-0.350358	0	Yes
SLC6A7	28.17	29.41	19.93	17.06	1.042509427	0.863009859	0.00039257	-0.273848	Yes
TSPAN9	0.24	1.25	1.51	1.01	1.814516129	0.800892037	1.54694	-0.17915	Yes
BTBD7	0.31	0.42	0.81	0.94	1.083969466	1.071594543	0	0	Yes
APBA3	1.55	1.05	0.89	1.56	0.803921569	1.353721177	-0.203283	0.148287	Yes
MKS1	10.79	8.58	<0.1	NA	0.812553011	NA	-0.0811172	NA	Yes
ABHD5	1.27	5.76	0.31	0.66	2.977973568	1.27081857	1.58422	0	Yes
ANOS1	9.68	10.25	47.81	53.58	1.053370787	1.118258372	0	0	Yes
AKAP8L	8	13.84	3.68	5.00	1.648888889	1.282846401	0.638547	0	Yes
MBTD1	5.57	4.76	7.19	7.92	0.876712329	1.088762563	-0.0155153	0	Yes

UTP18	15.35	26.6	16.22	23.32	1.688073394	1.412109362	0.713372	0.283875	Yes
RNF216	2.19	8.18	<0.1	NA	2.877742947	NA	1.56186	NA	Yes
TTC19	0.41	1.53	0.28	0.67	1.794326241	1.305853446	1.40817	0.531328	Yes
PTBP1	0.29	0.8	<0.1	NA	1.395348837	NA	0.420136	NA	Yes
DPF1	0.99	1.3	<0.1	NA	1.155778894	NA	0	NA	Yes
SYT7	0.93	0.47	0.17	0.21	0.761658031	1.032896878	-0.341405	0	Yes
LARS2	0.67	1.46	0.23	0.20	1.473053892	0.97569978	0.413025	0	Yes
PIK3C2A	42.73	68.24	1.70	2.57	1.58335239	1.320417022	0.595661	0.137163	Yes
PLAUR	2.19	2.59	2.88	3.66	1.12539185	1.200582557	0.00469805	0.0382284	Yes
ANLN	27.03	34.9	47.44	53.41	1.280770603	1.123305857	0.276549	0	Yes
WIZ	30.95	36.06	149.36	157.74	1.159937402	1.055746184	0.124953	-0.0196312	Yes
RABGAP1	0.58	0.31	1.88	2.27	0.829113924	1.135165374	-0.371708	0.0261999	Yes
QPCTL	0.52	0.43	<0.1	NA	0.940789474	NA	0	NA	Yes
PPP5C	1.06	1.97	172.58	135.10	1.441747573	0.784054747	0.466313	-0.453468	Yes
CEP68	2.24	1.24	4.63	5.12	0.691358025	1.086293712	-0.613086	0	Yes
MAP4K3	3.74	7.21	12.43	12.33	1.732067511	0.992456552	0.644912	-0.0320939	Yes
ZBTB32	365.76	370.74	326.05	362.01	1.013578362	1.109942443	0	0	Yes
TMEM159	5.65	7.45	1.10	1.66	1.270676692	1.26610283	0.239567	0.0883741	Yes
GABRA3	40.09	48.67	54.01	50.99	1.208809929	0.945147059	0.132445	-0.0313003	Yes
BRCA1	10.65	3.87	0.59	1.12	0.418025751	1.335098634	-1.33576	0.348976	Yes
ERCC1	3.66	3.63	6.54	7.36	0.993562232	1.109150141	0	0	Yes
CD22	28.59	35.25	35.53	34.31	1.225076039	0.966705365	0.215154	-0.151436	Yes
SEMA3B	2.72	13.25	<0.1	NA	3.830645161	NA	1.94838	NA	Yes
MBTPS2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	Yes
PRICKLE3	0.16	1.55	0.54	1.68	2.198275862	1.738660623	2.48148	1.02698	Yes
EXTL3	7.83	5.9	0.50	0.67	0.781426954	1.114803125	-0.268499	0	Yes
ELOVL5	0.11	0.41	0.67	0.97	1.27027027	1.180362778	0.600731	0	Yes
ALOX5	0.25	0.76	<0.1	NA	1.408	NA	0.475528	NA	Yes
CALCOCO1	3.74	4.8	3.73	4.18	1.223628692	1.094693081	0.147735	0	Yes
UBR7	5.17	8.53	5.14	5.42	1.544570502	1.045883542	0.527492	0	Yes
MAP4K5	24.34	24.62	11.57	15.38	1.011049724	1.303460465	0	0.149824	Yes
EHD3	12.32	7.94	78.36	75.65	0.671171171	0.965836195	-0.507359	-0.164825	Yes
PSMC4	3.74	3.63	3.52	3.49	0.976793249	0.993175635	0	0	Yes
MAN2B2	19.3	17.68	97.43	92.06	0.920197044	0.945424614	0	-0.14336	Yes
CLDN11	1.91	12.53	0.52	0.70	4.649484536	1.115650038	2.2098	0	Yes
SLC25A39	5.62	7.9	3.45	3.83	1.344410876	1.085410413	0.259631	0	Yes
MVP	0.96	1.19	2.61	2.62	1.117346939	1.002883029	0.0556878	0	Yes
NUB1	0.3	0.51	0.33	0.58	1.161538462	1.186972365	0.0856656	0.0287355	Yes

<i>PGM3</i>	0.16	0.25	<0.1	NA	1.077586207	NA	0	NA	Yes
<i>RWDD2A</i>	4.85	4.86	<0.1	NA	1.001709402	NA	0	NA	Yes
<i>CLK1</i>	2.32	4.88	0.26	0.30	1.771084337	1.035033351	0.860163	0	Yes
<i>POLR3B</i>	6.59	7.8	8.56	8.28	1.15942029	0.97064893	0.0949795	-0.0385701	Yes
<i>ANGEL1</i>	0.25	0.89	<0.1	NA	1.512	NA	0.408279	NA	Yes
<i>RNF14</i>	62.07	38.57	11.74	15.85	0.627398129	1.322346886	-0.593924	0.110153	Yes
<i>DNASE1L1</i>	5.56	4.94	12.65	14.57	0.905487805	1.140870893	0	0	Yes
<i>DDX11</i>	4.57	5.48	1.84	1.30	1.163375224	0.810617743	0.0822288	-0.36236	Yes
<i>HEBP1</i>	2.87	3.62	1.74	2.40	1.19379845	1.241885049	0.201504	0.144974	Yes
<i>GPRC5A</i>	2.6	3.84	<0.1	NA	1.344444444	NA	0.0783837	NA	Yes
<i>MAMLD1</i>	1.18	3.33	0.43	0.28	1.986238532	0.898233618	0.858552	0	Yes
<i>CD6</i>	810.63	702.13	<0.1	NA	0.866318396	NA	-0.153431	NA	Yes
<i>TACC3</i>	756.51	583.26	15.44	21.77	0.771290148	1.385121356	-0.31985	0.0589104	Yes
<i>UFL1</i>	277.53	267.32	7.14	8.40	0.963343266	1.15435677	-0.0129387	0	Yes
<i>POLA2</i>	7.79	11.03	7.31	9.46	1.368600683	1.259132957	0.38589	0.14883	Yes
<i>ZC3H3</i>	0.19	0.69	0.44	0.88	1.420168067	1.303120281	0	0	Yes
<i>CAPN1</i>	0.89	0.73	0.12	0.09	0.915343915	0.975015015	0	0	Yes
<i>ACP3</i>	9.52	7.17	<0.1	NA	0.77661597	NA	-0.248302	NA	Yes
<i>MDH1</i>	21.17	34.79	32.60	34.70	1.614343708	1.062465038	0.668109	-0.0113611	Yes
<i>SLC30A9</i>	0.49	0.98	3.63	3.68	1.32885906	1.011731784	0.548359	0	Yes
<i>MTMR11</i>	19.67	10.7	7.25	8.35	0.566037736	1.133000114	-0.773417	0	Yes
<i>COX15</i>	5.42	8.33	1.77	1.81	1.453271028	1.01370906	0.37679	0	Yes
<i>CCDC88C</i>	0.91	1.56	1.31	1.33	1.340314136	1.010720224	0.12956	0	Yes
<i>YAF2</i>	26.86	7.84	1.68	4.11	0.31730079	1.906801429	-1.59511	0.715331	Yes
<i>ZMYND11</i>	1.28	0.74	1.86	0.65	0.763157895	0.576300833	-0.232237	0	Yes
<i>WAS</i>	67.46	67.68	16.86	17.48	1.003213555	1.034788143	0	0	Yes
<i>BID</i>	35.15	66.17	326.86	273.77	1.858091286	0.838059713	0.781944	-0.317399	Yes
<i>MATR3</i>	161.99	76.3	38.23	53.37	0.474262225	1.386032099	-1.04877	0.265529	Yes
<i>XYLT2</i>	2.9	6.7	3.69	3.63	1.974358974	0.988201339	0.922457	0	Yes
<i>NUDCD3</i>	9.34	3.31	<0.1	NA	0.416827853	NA	-1.21212	NA	Yes
<i>ISL1</i>	2.74	0.91	<0.1	NA	0.510695187	NA	0	NA	Yes
<i>CHDH</i>	0.19	1.23	18.66	19.27	1.87394958	1.031036253	0.248989	0	Yes
<i>IL20RA</i>	4.91	4.75	11.67	10.71	0.972927242	0.9240259	0	-0.159617	Yes
<i>GLT8D1</i>	17.62	21.3	2.76	2.71	1.19763695	0.987734751	0.119308	0	Yes
<i>ATP2C1</i>	22.63	28.91	90.28	98.60	1.26576386	1.091100793	0.241579	0	Yes
<i>RALBP1</i>	51.93	65.01	19.67	21.84	1.247118836	1.105187184	0.213881	0	Yes
<i>RUFY3</i>	9.9	12.43	26.56	30.04	1.232110092	1.126171488	0.19762	0	Yes
<i>CNTN1</i>	9.19	25.73	1.10	2.13	2.623159961	1.491288722	1.36183	0.465376	Yes

WWTR1	57.07	52.57	111.60	97.72	0.922507319	0.876719075	-0.0535706	-0.277204	Yes
AGPS	192.58	305.82	246.22	240.97	1.584977787	0.97876452	0.640145	-0.129334	Yes
CXorf56	3.77	6.65	21.28	21.34	1.603773585	1.002487558	0.580965	-0.0159579	Yes
TTC27	0.3	0.32	0.11	0.08	1.015384615	0.971500407	0	0	Yes
VSIG2	4.7	3.88	<0.1	NA	0.856140351	NA	-0.119272	NA	Yes
PHLDB1	0.94	1.09	2.79	2.45	1.077319588	0.911288072	0	0	Yes
MARCO	4.56	4.21	11.10	6.55	0.93705036	0.623943055	0	-0.784733	Yes
PRDM11	7.76	22.46	260.37	244.93	2.678082192	0.940925532	1.33109	-0.149365	Yes
SNAI2	24.73	10.88	0.13	0.12	0.461717839	0.987067405	-1.04118	0	Yes
CD74	0.14	0.18	<0.1	NA	1.035087719	NA	0	NA	Yes
ZRANB1	2.56	2.74	1.15	1.41	1.050561798	1.121147319	0	0	Yes
NCDN	0.72	1	1.57	1.34	1.162790698	0.908721881	0	0	Yes
ADGRA2	2.6	3.34	87.59	80.80	1.205555556	0.923314531	0.0596686	-0.217109	Yes
ZFP64	0.56	1.89	10.58	11.99	1.852564103	1.121957391	1.21232	0	Yes
MNAT1	0.18	0.04	<0.1	NA	0.881355932	NA	0	NA	Yes
SAMD4A	0.12	0.03	<0.1	NA	0.919642857	NA	0	NA	Yes
RUNX3	336.97	424.62	133.99	147.86	1.259342545	1.102763131	0.279594	0	Yes
MRE11	116.14	137.32	3.47	5.00	1.180809288	1.343114353	0.173997	0	Yes
PLEKHB1	70.09	97.86	191.15	159.32	1.390631594	0.834337278	0.394128	-0.362501	Yes
SERPINB1	41.42	30.16	52.51	37.28	0.73455917	0.715450922	-0.388151	-0.576951	Yes
SPAST	139.39	138.01	135.95	127.83	0.99017024	0.940723804	0	-0.137836	Yes
OSBPL5	0.22	0.78	4.04	5.56	1.459016393	1.302099721	0.276434	0.00875157	Yes
AQR	3.56	3.94	6.35	7.16	1.083333333	1.110137886	0	0	Yes
FHL1	13.94	21.48	2.96	3.32	1.504685408	1.092144383	0.393651	0	Yes
RTF2	0.84	1.56	2.38	0.90	1.391304348	0.562133759	0.301414	-0.326941	Yes
SLC45A4	0.82	0.77	<0.1	NA	0.972527473	NA	0	NA	Yes
RNF10	0.61	0.88	19.78	18.18	1.167701863	0.922785792	0.0897529	-0.191017	Yes
ZNF839	10.82	12.8	14.33	14.50	1.16751269	1.011171784	0.130969	-0.0437435	Yes
ZDHHC6	26.57	23.97	34.80	30.24	0.905694596	0.872598199	-0.0539964	-0.3162	Yes
GRAMD1B	30.76	34.61	51.95	58.13	1.121221662	1.116741324	0.085457	0	Yes
RNH1	8.76	7.68	8.97	11.14	0.889344262	1.217642143	-0.011713	0.0163421	Yes
NDUFS1	6.93	8.73	17.55	15.12	1.226986129	0.868882922	0.15087	-0.230756	Yes
RB1CC1	27.39	25.63	38.99	40.21	0.93800634	1.030533635	-0.0200702	-0.0152853	Yes
ERP44	16.67	13.53	1.13	1.33	0.82229768	1.091938288	-0.167275	0	Yes
ALAS1	5.34	4.58	3.05	5.19	0.880126183	1.527720713	-0.0045047	0.362075	Yes
BIRC3	0.21	0.5	6.49	11.44	1.239669421	1.661064463	0.463804	0.476512	Yes
AKAP11	5.46	5.32	17.04	19.17	0.978328173	1.117807446	0	0	Yes
GLRX2	1.96	3.4	<0.1	NA	1.486486486	NA	0.471962	NA	Yes

<i>SNAPC1</i>	1.92	2.29	5.44	5.12	1.126712329	0.949619369	0	-0.0837867	Yes
<i>DERA</i>	314.94	174.78	283.19	292.50	0.556371463	1.03276198	-0.822256	-0.0488077	Yes
<i>STRAP</i>	85.58	52.33	<0.1	NA	0.615962116	NA	-0.590284	NA	Yes
<i>ABCC2</i>	3.66	7.43	11.71	14.11	1.809012876	1.188853142	0.833751	0.04413	Yes
<i>DEF6</i>	0.78	1.06	14.12	15.14	1.157303371	1.067509974	0.0228351	0	Yes
<i>PLEKHO1</i>	20.01	19.93	0.46	0.68	0.996192289	1.151490442	0	0	Yes
<i>GCLM</i>	2.36	4.67	<0.1	NA	1.6875	NA	0.412271	NA	Yes
<i>UBR2</i>	0.88	3.56	0.45	1.30	2.425531915	1.58897121	1.59173	1.03049	Yes
<i>EHD2</i>	13.71	5.74	<0.1	NA	0.458191706	NA	-0.99959	NA	Yes
<i>DEPDC1</i>	7.66	9.97	2.69	3.35	1.266743649	1.180137146	0.263	0.0400344	Yes
<i>CCDC28A</i>	9.37	4.25	3.50	3.52	0.506268081	1.004180129	-0.90459	0	Yes
<i>RRAGD</i>	144.5	154.37	17.61	24.20	1.067835052	1.353882444	0.029331	0.221861	Yes
<i>HSF2</i>	62.06	42.25	0.99	1.66	0.685854742	1.3364666	-0.47218	0	Yes
<i>PHF20</i>	1.4	2.24	24.51	23.47	1.35	0.9592999	0.397258	-0.125049	Yes
<i>HSD17B6</i>	36.79	33.34	136.09	126.02	0.908706007	0.926534684	-0.0362969	-0.16412	Yes
<i>NR1H3</i>	3.89	6.92	5.43	5.21	1.619631902	0.965973651	0.623287	-0.0346153	Yes
<i>TYMP</i>	1.16	1.39	7.13	6.55	1.106481481	0.928711945	0	0	Yes
<i>NCAPH2</i>	2.34	2.22	0.44	0.38	0.964071856	0.960614845	0	0	Yes
<i>TOMM34</i>	1.04	1.19	6.90	7.75	1.073529412	1.107718914	0	0	Yes
<i>SEC63</i>	0.17	0.2	1.79	1.92	1.025641026	1.046151373	0	0	Yes
<i>KPNA6</i>	1.5	2.58	<0.1	NA	1.432	NA	0.450443	NA	Yes
<i>VIM</i>	104.64	132.81	94.69	94.03	1.266660356	0.993054022	0.28628	-0.0910007	Yes
<i>EL1-TNFRSF</i>	2.12	15.87	<0.1	NA	5.407051282	NA	2.51503	NA	Yes
<i>FAS</i>	2.41	3.07	16.84	17.48	1.193548387	1.035795125	0.151327	0	Yes
<i>RNASET2</i>	4.82	5.72	14.89	16.64	1.154639175	1.109942361	0.0422932	0	Yes
<i>CD44</i>	0.43	0.23	<0.1	NA	0.86013986	NA	0	NA	Yes
<i>KCNG1</i>	2.73	2.64	15.91	15.25	0.975871314	0.960952387	0	-0.0485953	Yes
<i>AGPAT4</i>	0.2	0.83	<0.1	NA	1.525	NA	0.921737	NA	Yes
<i>BTN3A1</i>	11.47	16.02	<0.1	NA	1.364875702	NA	0.37957	NA	Yes
<i>MIPEP</i>	0.9	3.06	<0.1	NA	2.136842105	NA	1.19948	NA	Yes
<i>PRKCH</i>	1.37	1.77	14.92	16.05	1.168776371	1.071228252	0	0	Yes
<i>IFNGR1</i>	0.51	1.14	0.80	1.64	1.417218543	1.468656688	0.415928	0.237242	Yes
<i>B4GALT7</i>	1.22	1.07	1.05	0.80	0.932432432	0.87852308	0	0	Yes
<i>SH2D2A</i>	0.36	0.72	17.44	22.26	1.264705882	1.261209851	0.34652	0.0957405	Yes
<i>VRK2</i>	2.57	5.22	16.50	15.00	1.742296919	0.914540929	0.836307	-0.20962	Yes
<i>TNFRSF1B</i>	7.47	10.25	0.18	0.22	1.328217237	1.037951875	0.33291	0	Yes
<i>VEZT</i>	3.74	6.42	0.34	0.51	1.565400844	1.124568558	0.583145	0	Yes
<i>POU2F2</i>	0.46	2.13	<0.1	NA	2.143835616	NA	1.78543	NA	Yes

<i>BRD9</i>	3.67	19.19	0.44	0.05	4.323340471	0.732482134	2.02496	-0.166417	Yes
<i>SNX1</i>	14.48	20.48	3.50	4.59	1.387596899	1.241584282	0.406662	0.0414386	Yes
<i>TBPL1</i>	17.28	10.29	3.72	5.56	0.61761488	1.390214303	-0.59154	0.246826	Yes
<i>ARNTL2</i>	5.2	5.41	0.64	0.66	1.033870968	1.012831198	0	0	Yes
<i>BCLAF1</i>	0.16	0.08	<0.1	NA	0.931034483	NA	0	NA	Yes
<i>SLC39A9</i>	13.83	12.45	18.03	19.75	0.906945381	1.090449002	-0.0198808	0	Yes
<i>ANK1</i>	7.26	5.29	4.27	5.26	0.761501211	1.188247859	-0.208169	0	Yes
<i>TFB1M</i>	0.3	1.06	3.17	3.57	1.584615385	1.096594161	0.91305	0	Yes
<i>RABEP1</i>	0.37	2.44	5.38	4.66	2.510948905	0.886568606	1.95808	-0.111103	Yes
<i>HMGB3</i>	0.33	0.46	8.39	9.36	1.097744361	1.103111403	0	0	Yes
<i>NUP160</i>	2.3	2.87	3.27	5.05	1.172727273	1.417002478	0.041434	0.00926091	Yes
<i>BAK1</i>	0.62	1	0.72	0.76	1.234567901	1.023893038	0.351773	0	Yes
<i>IKZF2</i>	7.09	6.24	12.87	15.36	0.894932015	1.179602391	-0.0629982	0.0441334	Yes
<i>GRN</i>	31.5	47.65	29.42	29.96	1.496923077	1.017663695	0.515535	-0.0328571	Yes
<i>FAM13B</i>	2.16	6.02	41.73	44.16	2.221518987	1.056908887	1.13418	0	Yes
<i>ARHGAP31</i>	5.1	5.18	2.76	2.31	1.013114754	0.879840205	0	-0.0812055	Yes
<i>CENPQ</i>	2.61	1.19	8.22	7.81	0.606648199	0.956048528	-0.821578	-0.136004	Yes
<i>SARS1</i>	2.1	6.79	7.19	6.60	2.512903226	0.928006342	1.33981	-0.100452	Yes
<i>RANBP3</i>	0.3	0.36	0.56	1.25	1.046153846	1.443534321	0	0.629657	Yes
<i>ARID4A</i>	1.46	8.65	63.63	63.93	3.922764228	1.004664706	2.23156	-0.0367753	Yes
<i>EIPR1</i>	2.35	3.49	7.22	7.86	1.340298507	1.077544009	0.320017	0	Yes
<i>PNPLA6</i>	27.85	36.64	159.44	176.07	1.304679376	1.10364255	0.25672	0	Yes
<i>IFT88</i>	20.7	20.58	144.95	131.69	0.994470046	0.909161424	0	-0.242521	Yes
<i>ALG1</i>	31.19	30.39	<0.1	NA	0.975147561	NA	0	NA	Yes
<i>ZCCHC8</i>	1.92	2.33	<0.1	NA	1.140410959	NA	0	NA	Yes
<i>ABCF2</i>	9.79	11.48	36.92	29.51	1.156626506	0.804489103	0.0870565	-0.302026	Yes
<i>CHPF2</i>	6.77	8.87	2.88	3.31	1.27027027	1.110931037	0.201159	0	Yes
<i>FUT8</i>	82.13	152.56	<0.1	NA	1.847227234	NA	0.838238	NA	Yes
<i>UBA6</i>	226.96	150.17	<0.1	NA	0.663142657	NA	-0.560375	NA	Yes
<i>GAB2</i>	0.12	0.4	<0.1	NA	1.25	NA	0	NA	Yes
<i>ATP6V0A1</i>	0.25	0.3	5.33	6.72	1.04	1.219915287	0	0.00902123	Yes
<i>PIAS1</i>	15.05	23.21	34.02	36.65	1.508411215	1.074975394	0.512977	0	Yes
<i>SLC4A7</i>	1320.58	606.68	1.22	1.83	0.459813254	1.275270183	-1.0856	0	Yes
<i>APBA2</i>	348.08	264.55	289.15	277.60	0.760713876	0.960188925	-0.362883	-0.168321	Yes
<i>MAP2K3</i>	0.13	0.2	<0.1	NA	1.061946903	NA	0	NA	Yes
<i>TMSB10</i>	12.82	11.48	36.91	37.41	0.903039074	1.013229361	-0.0123617	-0.0087374	Yes
<i>ASTE1</i>	0.27	0.77	0.61	1.11	1.393700787	1.312641712	0.820538	0.162699	Yes
<i>RNF19A</i>	11.4	8.39	193.84	233.90	0.757258065	1.205590477	-0.0693861	0.0368732	Yes

PEX3	15.18	4.5	<0.1	NA	0.339925834	NA	-1.16336	NA	Yes
GABARAPL2	2.02	2.71	1.51	1.67	1.228476821	1.062758976	0.117434	0	Yes
SH3YL1	0.31	1.17	<0.1	NA	1.65648855	NA	1.42867	NA	Yes
FAM136A	12.15	5.59	7.50	7.54	0.501140684	1.005101572	-0.956434	0	Yes
VCL	65.96	28.18	82.42	95.17	0.435782557	1.152787707	-1.10743	0	Yes
DEPDC1B	3.13	5.23	<0.1	NA	1.508474576	NA	0.621955	NA	Yes
DAPK2	3.12	2.44	<0.1	NA	0.834951456	NA	-0.157744	NA	Yes
NSMAF	1.98	1.18	3.40	3.00	0.731543624	0.909330792	-0.384184	-0.0536363	Yes
ADSS2	27.24	16.44	<0.1	NA	0.617563739	NA	-0.637743	NA	Yes
TIMP2	0.66	0.69	6.23	7.22	1.018072289	1.13625647	0	0	Yes
RFC1	0.15	0.2	0.36	0.36	1.043478261	0.998784693	0	0	Yes
TBC1D23	48.3	41.66	6.83	7.46	0.865314402	1.080580055	-0.126713	0	Yes
CUL3	23.57	29.83	39.58	37.28	1.254782255	0.943364054	0.206922	-0.124615	Yes
ZZZ3	12.98	17.81	<0.1	NA	1.345493562	NA	0.376305	NA	Yes
USP2	3	4.35	9.71	7.90	1.3375	0.83057837	0.102375	-0.0828608	Yes
TUBG2	1.03	2.26	0.27	1.93	1.60591133	2.304304699	0.589882	1.57914	Yes
RPL26L1	0.15	0.3	0.33	0.59	1.130434783	1.196759048	0	0	Yes
FLT4	4.26	3.84	0.24	0.24	0.920152091	1.003904215	0	0	Yes
NSUN2	1.71	2.05	0.31	0.24	1.125461255	0.944820193	0	0	Yes
FBXO42	2132.82	696.42	<0.1	NA	0.326841064	NA	-1.58794	NA	Yes
MFAP3	2.24	2.06	7.78	7.23	0.944444444	0.937703336	0	-0.0580215	Yes
MRI1	0.84	1.24	2.07	2.35	1.217391304	1.091481633	0.134912	0	Yes
METTL1	20.07	21.61	0.16	0.10	1.073089701	0.944836207	0	0	Yes
HOXC8	4.89	5.61	24.88	25.70	1.122241087	1.031631075	0.00308803	0	Yes
AGA	7.82	6.18	10.91	11.09	0.814058957	1.014822857	-0.194029	-0.0329521	Yes
PI4K2B	140.39	122.86	129.04	120.65	0.876016691	0.935452903	-0.134463	-0.181037	Yes
BOD1L1	2.5	4.97	0.19	0.18	1.705714286	0.994521554	0.522954	0	Yes
MAT2B	19.58	9.15	0.84	0.85	0.493197279	1.007489239	-0.906538	0	Yes
EDC4	12.76	12.11	12.24	17.43	0.952761628	1.392370144	0	0.221941	Yes
TRIO	17.3	18.8	2.26	2.21	1.081967213	0.985521056	0.0241917	0	Yes
CLEC16A	1.39	1.12	<0.1	NA	0.887029289	NA	-0.0133313	NA	Yes
CDH1	11.14	3.93	10.35	9.78	0.406095552	0.949900736	-1.29019	-0.0845477	Yes
MTREX	0.46	0.56	5.21	3.57	1.068493151	0.735902118	0	-0.381639	Yes
DNAH5	0.19	0.01	<0.1	NA	0.848739496	NA	-1.61565	NA	Yes
ZFYVE16	2.5	3.64	11.35	12.15	1.325714286	1.064384035	0.333022	0	Yes
RIPOR1	0.99	1.06	0.30	0.20	1.035175879	0.92050628	0	0	Yes
RAI14	1.61	1.37	0.45	0.63	0.908045977	1.126954989	0	0	Yes
SOX30	17.9	9.13	14.57	14.69	0.535978836	1.007663248	-0.807589	-0.0296142	Yes

<i>PNKP</i>	2.01	4.57	10.39	11.42	1.850498339	1.090393505	0.935954	0	Yes
<i>PHLPP2</i>	2.09	1.75	5.55	5.60	0.889967638	1.007499794	-0.0164387	0	Yes
<i>SPDL1</i>	2.46	5.51	<0.1	NA	1.88150289	NA	0.654595	NA	Yes
<i>STAU2</i>	5.2	6.04	26.21	28.97	1.135483871	1.101377567	0	0	Yes
<i>SLC66A1</i>	0.16	1.02	0.10	0.23	1.74137931	1.119148564	0.976727	0	Yes
<i>CTNS</i>	0.87	0.68	<0.1	NA	0.898395722	NA	-0.0902239	NA	Yes
<i>RTN4R</i>	1.2	3.13	<0.1	NA	1.877272727	NA	0.835593	NA	Yes
<i>PHF23</i>	5.28	14.17	1.07	1.41	2.415605096	1.164537861	1.29009	0	Yes
<i>INPP4A</i>	0.63	0.77	3.68	3.90	1.085889571	1.047783013	0	0	Yes
<i>RAB27B</i>	0.83	1.16	5.32	6.05	1.180327869	1.114929403	0.0301074	0	Yes
<i>PSMA4</i>	9.23	7.54	4.25	4.10	0.834799609	0.971527878	-0.129187	0	Yes
<i>LSG1</i>	0.65	0.52	0.57	0.55	0.921212121	0.990218675	0	0	Yes
<i>PARP3</i>	0.2	0.06	0.19	0.11	0.883333333	0.932891884	0	0	Yes
<i>TNC</i>	0.22	0.11	215.89	221.62	0.909836066	1.026429391	0	-0.0562069	Yes
<i>THAP3</i>	0.32	0.49	15.15	15.87	1.128787879	1.044550362	0	0	Yes
<i>TDP1</i>	27.81	26.43	27.08	24.58	0.952099965	0.911092877	0	0	Yes
<i>AIFM2</i>	21.38	22.23	75.09	79.31	1.03798034	1.055409392	0	0	Yes
<i>SPATA7</i>	84.92	64.51	49.05	48.65	0.762453445	0.991915108	-0.323912	-0.0699523	Yes
<i>MED17</i>	36.83	40.58	148.97	148.60	1.099127676	0.997555688	0.0386378	-0.0812746	Yes
<i>RETSAT</i>	1.3	2.14	3.68	4.76	1.365217391	1.231476675	0.439462	0.0547821	Yes
<i>CAPG</i>	1.28	0.96	<0.1	NA	0.859649123	NA	0	NA	Yes
<i>AP2S1</i>	114.58	99.36	461.80	368.38	0.868316318	0.798136983	-0.146754	-0.424496	Yes
<i>BARX2</i>	0.16	0.88	1.93	2.18	1.620689655	1.085065517	1.33413	0	Yes
<i>DCUN1D1</i>	84.8	56.11	76.26	62.93	0.665617716	0.827461281	-0.514256	-0.36553	Yes
<i>JADE2</i>	6.34	8.75	431.57	394.55	1.328337875	0.914429269	0.310879	-0.242084	Yes
<i>ZIC2</i>	11.42	24.43	12.69	12.76	2.047504026	1.004778403	0.98059	-0.0064099	Yes
<i>TRIT1</i>	4.23	4.62	21.43	18.74	1.07456979	0.880204481	0	-0.226606	Yes
<i>ADRB1</i>	0.46	1.13	2.08	4.63	1.45890411	1.826602713	0.528666	0.355664	Yes
<i>CUL7</i>	20.07	32.41	42.92	46.31	1.585666825	1.077182653	0.58561	0	Yes
<i>CTNNA1</i>	11.37	10.95	29.74	26.39	0.966046888	0.891168613	0	-0.243728	Yes
<i>PHKA2</i>	24.04	36.05	47.89	57.29	1.479632588	1.192201468	0.51884	0.070318	Yes
<i>CNTLN</i>	0.19	0.89	90.34	84.35	1.588235294	0.93438881	1.47494	-0.180683	Yes
<i>HSPA5</i>	1.84	1.12	0.16	0.00	0.746478873	0.862068966	-0.147356	0	Yes
<i>DSG2</i>	7.74	14.52	5.91	5.93	1.775743707	1.002363992	0.751346	0	Yes
<i>GEMIN8</i>	0.61	2.91	5.64	5.19	2.428571429	0.932586979	1.36154	-0.0023221	Yes
<i>OFD1</i>	0.8	4.06	0.11	0.00	2.811111111	0.900900901	1.23504	0	Yes
<i>WDR37</i>	17.59	19.64	41.13	44.00	1.110274341	1.068149427	0.0235226	0	Yes
<i>YTHDC2</i>	51.03	62.8	1.99	2.73	1.226215645	1.248241919	0.211937	0	Yes

<i>CTPS2</i>	2.91	4.43	7.07	9.35	1.388746803	1.281953783	0.219872	0.0138191	Yes
<i>ATP6V1H</i>	0.12	1.06	<0.1	NA	1.839285714	NA	1.08468	NA	Yes
<i>POLR2B</i>	79.85	61.26	81.58	75.22	0.770068027	0.922965334	-0.29949	-0.153545	Yes
<i>FAM214A</i>	1.64	4.9	<0.1	NA	2.234848485	NA	1.06166	NA	Yes
<i>ARAP2</i>	9.9	10	11.25	10.57	1.009174312	0.94480248	0	-0.100413	Yes
<i>TPR</i>	3.41	20.88	<0.1	NA	4.961451247	NA	2.132	NA	Yes
<i>CP</i>	2.29	8.62	4.43	6.44	2.924012158	1.369965593	1.69528	0.313476	Yes
<i>KIAA0556</i>	4.6	2.5	1.89	2.89	0.625	1.347407983	-0.652903	0.149847	Yes
<i>DTNBP1</i>	0.16	2.91	<0.1	NA	3.370689655	NA	2.58881	NA	Yes
<i>XK</i>	6.47	10.13	1.14	1.43	1.489959839	1.135424586	0.428678	0	Yes
<i>C12orf4</i>	2.52	1.82	21.57	25.20	0.801136364	1.160879353	-0.094924	0	Yes
<i>SCML1</i>	478.25	481.82	206.93	271.90	1.007449139	1.312471789	0	0.245822	Yes
<i>WWC3</i>	1.25	0.42	<0.1	NA	0.631111111	NA	-0.660478	NA	Yes
<i>MAP4</i>	401.74	241.92	385.51	482.75	0.603168297	1.251581921	-0.648366	0.0663983	Yes
<i>GOPC</i>	0.11	0.33	6.84	7.32	1.198198198	1.06073046	0	0	Yes
<i>USP28</i>	13.12	16.62	0.11	0.22	1.247875354	1.095452976	0.211323	0	Yes
<i>HDAC9</i>	0.5	1.44	<0.1	NA	1.626666667	NA	0.0948829	NA	Yes
<i>TSPAN17</i>	0.11	0.08	<0.1	NA	0.972972973	NA	0	NA	Yes
<i>NOP16</i>	5.65	5.36	5.32	6.24	0.956390977	1.146043935	0	0	Yes
<i>CC2D2A</i>	8.97	9.59	36.60	42.20	1.06218656	1.148992561	0	0	Yes
<i>RRM2B</i>	3.15	8.3	2.04	4.46	2.240963855	1.797244342	1.02697	0.572746	Yes
<i>ZNF800</i>	5.49	2.97	1.56	1.81	0.611710324	1.09951769	-0.628459	0	Yes
<i>SNX29</i>	10.21	8.27	3.53	3.11	0.826940232	0.906209471	-0.133942	-0.0576192	Yes
<i>MRPS10</i>	2.79	1.23	<0.1	NA	0.588390501	NA	-0.6284	NA	Yes
<i>RSF1</i>	52.48	17.13	0.39	0.51	0.339005236	1.087962676	-1.43059	0	Yes
<i>VPS13D</i>	1.14	0.87	5.85	7.12	0.873831776	1.184769044	0	0	Yes
<i>FAM120A</i>	899.85	610.74	2.02	5.59	0.679069767	2.181260093	-0.499886	0.687364	Yes
<i>R3HDM1</i>	5.87	6.1	15.43	17.77	1.033478894	1.142140029	0	0	Yes
<i>COL9A2</i>	5.17	5.01	12.13	12.30	0.974068071	1.012825564	0	0	Yes
<i>KITLG</i>	7.48	7.51	1.43	3.28	1.003537736	1.760763836	0	0.758194	Yes
<i>ERCC8</i>	0.64	0.49	0.10	0.10	0.908536585	1.002431029	0	0	Yes
<i>H6PD</i>	12.37	12.58	<0.1	NA	1.015706806	NA	0	NA	Yes
<i>VAMP3</i>	0.75	0.87	<0.1	NA	1.068571429	NA	0	NA	Yes
<i>PER3</i>	10.44	15.16	8.96	12.60	1.412587413	1.365697302	0.355402	0.174969	Yes
<i>TNFRSF9</i>	4.54	6.3	11.32	13.20	1.317689531	1.15294626	0.304317	0	Yes
<i>EPN3</i>	4.01	3.68	0.47	0.75	0.934131737	1.191296963	0	0	Yes
<i>LTBP1</i>	0.45	0.2	<0.1	NA	0.827586207	NA	-0.369133	NA	Yes
<i>RCN1</i>	14.52	10.57	<0.1	NA	0.745489691	NA	-0.105268	NA	Yes

<i>RFC2</i>	0.18	0.24	0.32	0.24	1.050847458	0.936229324	0	0	Yes
<i>ARID1B</i>	0.18	0.1	1.48	1.46	0.93220339	0.993533065	0	0	Yes
<i>CLPTM1L</i>	0.2	0.55	<0.1	NA	1.291666667	NA	0.181035	NA	Yes
<i>NEDD4L</i>	2.75	4.82	21.31	22.90	1.552	1.071352106	0.387168	0	Yes
<i>FOXP3</i>	83.34	121.31	83.25	92.34	1.450201565	1.107884542	0.500729	0	Yes
<i>PPP1R3F</i>	63.3	51.55	4.90	8.70	0.81726283	1.644265424	-0.0588129	0.0317672	Yes
<i>HEXB</i>	0.98	5.59	0.21	0.48	3.328282828	1.222781209	2.04304	0.170845	Yes
<i>PTCD2</i>	4.32	7.62	50.94	48.39	1.620300752	0.950947023	0.61357	-0.173507	Yes
<i>JKAMP</i>	0.12	0.02	<0.1	NA	0.910714286	NA	0	NA	Yes
<i>ARHGEF5</i>	1.59	5.04	<0.1	NA	2.332046332	NA	1.07461	NA	Yes
<i>NFE2L3</i>	71.19	69.05	152.73	149.69	0.970356005	0.980244313	0	-0.0986784	Yes
<i>MCUR1</i>	8.78	7.39	67.66	66.83	0.857873211	0.987906876	-0.0412857	-0.050176	Yes
<i>LIMA1</i>	16.84	17.21	38.22	36.45	1.02073991	0.954875607	0	-0.0732754	Yes
<i>LETMD1</i>	0.96	0.94	<0.1	NA	0.989795918	NA	0	NA	Yes
<i>LAMC3</i>	5.58	5.29	5.04	5.48	0.955927052	1.073290779	0	0	Yes
<i>MAPK9</i>	206.73	234.21	853.67	1074.06	1.132287103	1.257861143	0.150014	0.169506	Yes
<i>COL23A1</i>	0.11	0.54	<0.1	NA	1.387387387	NA	0.326271	NA	Yes
<i>BCAR1</i>	147.12	139.32	96.37	104.57	0.947339995	1.084212706	-0.0339189	0	Yes
<i>FAM160A2</i>	2.09	2.42	5.24	5.56	1.106796117	1.050983292	0	0	Yes
<i>HERPUD1</i>	0.14	0.69	<0.1	NA	1.48245614	NA	0	NA	Yes
<i>HOMER3</i>	20.46	18.7	11.23	8.13	0.917986952	0.746717405	-0.0095217	-0.496215	Yes
<i>RAD51</i>	7.54	10.25	0.13	0.11	1.317330211	0.979509535	0.206778	0	Yes
<i>POLQ</i>	30.96	28.28	33.94	33.84	0.916145181	0.997200397	0	-0.0064898	Yes
<i>PIK3CB</i>	128.37	122.34	131.89	122.56	0.953389503	0.92976234	-0.0006602	-0.131305	Yes
<i>CYBA</i>	51.64	31.29	4.82	6.09	0.613411854	1.218697017	-0.668845	0.0638035	Yes
<i>THOC3</i>	48.03	57.93	27.81	35.29	1.201917194	1.259468973	0.201386	0.0550594	Yes
<i>HEBP2</i>	14.23	16.57	10.09	12.17	1.153644123	1.187964418	0.114316	0	Yes
<i>MPHOSPH9</i>	49.39	64	24.26	26.51	1.28993848	1.089149913	0.324157	0	Yes
<i>PLEKHA5</i>	7.76	6.53	4.50	6.00	0.859589041	1.27193014	-0.0817752	0.142837	Yes
<i>PRSS8</i>	6.74	5.34	15.10	15.01	0.819121447	0.994624571	-0.157902	-0.0115459	Yes
<i>SIKE1</i>	0.14	0.76	0.96	1.38	1.543859649	1.211876722	0.663381	0.0466862	Yes
<i>RRP12</i>	54.05	50.16	21.55	18.99	0.929336966	0.886408898	-0.0195278	-0.194552	Yes
<i>FNIP2</i>	0.23	0.23	0.93	1.80	1	1.450465254	0	0.0103602	Yes
<i>MSMO1</i>	0.12	1.89	<0.1	NA	2.580357143	NA	2.14585	NA	Yes
<i>TTC17</i>	19.43	19.76	5.80	6.07	1.016152717	1.040080714	0	0	Yes
<i>ALX4</i>	7.66	11.78	1.69	2.16	1.475750577	1.173440985	0.445002	0	Yes
<i>FOXN3</i>	4.04	9.65	0.14	0.24	2.113095238	1.090508289	1.05116	0	Yes
<i>AKR7A2</i>	8.43	3.03	2.98	2.78	0.427359491	0.948633621	-1.13128	0	Yes

<i>MRT04</i>	18.55	11.27	21.19	17.28	0.627621483	0.823875618	-0.477209	-0.144273	Yes
<i>NNAT</i>	0.19	0.06	0.24	0.47	0.890756303	1.18258848	0	0.0460704	Yes
<i>USE1</i>	5.17	5.39	16.97	20.75	1.035656402	1.210372987	0	0.0371511	Yes
<i>MCF2L2</i>	1.13	5.35	0.21	0.41	2.981220657	1.166047628	1.48889	0	Yes
<i>NRIP2</i>	3.88	3.42	0.92	1.04	0.905737705	1.0644797	0	0	Yes
<i>LAMA3</i>	4.65	7.74	27.92	27.68	1.546902655	0.991795815	0.481926	-0.0365805	Yes
<i>AP5M1</i>	8.69	7.06	3.81	5.56	0.831785346	1.363380546	0	0.150027	Yes
<i>ANAPC4</i>	43.57	62.83	49.59	58.13	1.432129235	1.168827947	0.460457	0.0151269	Yes
<i>KCNQ1</i>	0.55	0.35	7.43	5.92	0.870967742	0.820869779	-0.0136972	-0.17207	Yes
<i>TRAPPC3</i>	0.59	1.97	<0.1	NA	1.867924528	NA	1.23549	NA	Yes
<i>THRAP3</i>	0.47	1.36	<0.1	NA	1.605442177	NA	0.0948829	NA	Yes
<i>PHPT1</i>	2.9	3.88	7.42	7.64	1.251282051	1.026039745	0.240391	0	Yes
<i>ENTPD2</i>	5.93	4.67	2.37	2.54	0.818181818	1.048975265	0	0	Yes
<i>LY75</i>	0.2	0.6	0.64	0.62	1.333333333	0.985090234	0.392074	0	Yes
<i>ARID4B</i>	2.49	4.76	76.20	60.00	1.650429799	0.790143588	0.614684	-0.428696	Yes
<i>OPN3</i>	5.93	11.17	70.97	63.97	1.756132756	0.902686254	0.758383	-0.223783	Yes
<i>SDCCAG8</i>	4.44	0.16	<0.1	NA	0.213235294	NA	-1.98735	NA	Yes
<i>HHAT</i>	1.04	1.3	2.80	3.68	1.12745098	1.232198868	0.0205879	0.0287055	Yes
<i>KIF1B</i>	1.85	1.8	0.68	1.53	0.98245614	1.505380071	0	0.604087	Yes
<i>FOXC1</i>	0.19	0.16	<0.1	NA	0.974789916	NA	0	NA	Yes
<i>TBC1D22A</i>	31.36	26.36	0.99	1.99	0.845488257	1.502235612	-0.160245	0.411136	Yes
<i>SYNE2</i>	45.84	45.39	<0.1	NA	0.990392827	NA	0	NA	Yes
<i>PLEKHH1</i>	28.68	27.26	31.81	31.19	0.952156334	0.980996374	0	-0.0841225	Yes
<i>ATP9A</i>	4.63	6.94	0.92	1.23	1.410301954	1.161485302	0.280701	0.0092908	Yes
<i>FAM168A</i>	60.16	59.97	55.71	59.12	0.996893394	1.060142549	0	0	Yes
<i>RELT</i>	3.38	14.34	<0.1	NA	3.502283105	NA	1.8202	NA	Yes
<i>GALC</i>	149.24	94.84	0.23	0.45	0.637912673	1.179656542	-0.533251	0	Yes
<i>NOP58</i>	51.04	35.39	18.09	15.87	0.699269792	0.883797955	-0.391749	-0.193817	Yes
<i>SZRD1</i>	0.24	14.41	3.21	4.58	12.42741935	1.324826077	5.07718	0.129894	Yes
<i>KCNH2</i>	0.21	0.62	0.38	1.02	1.338842975	1.465067515	0	0.158753	Yes
<i>CUL1</i>	13.76	12.85	29.76	32.86	0.938346883	1.100694573	0	0	Yes
<i>FAM114A2</i>	0.14	0.46	0.69	0.96	1.280701754	1.162014407	0.522697	0	Yes
<i>CYFIP2</i>	20.5	24.79	0.93	1.32	1.199534884	1.201110443	0.125567	0	Yes
<i>TAB2</i>	6.55	6.34	0.80	1.00	0.97218543	1.108828466	0	0	Yes
<i>GINM1</i>	22.49	20.39	48.16	45.19	0.910600255	0.939681111	0	-0.0743137	Yes
<i>EIF2AK2</i>	1.35	1.73	<0.1	NA	1.161702128	NA	0	NA	Yes
<i>USP36</i>	0.22	3.63	0.43	1.47	3.795081967	1.728201134	2.83327	0.770148	Yes
<i>KMT2C</i>	146.3	178.5	88.13	93.82	1.218601494	1.063860096	0.248107	0	Yes

<i>MCOLN3</i>	0.14	0.14	1.20	1.79	1	1.26706355	0	0	Yes
<i>CCDC85A</i>	28.45	26.06	0.53	0.83	0.918845501	1.195261969	0	0.0304348	Yes
<i>PUM2</i>	3.25	1.55	1.60	2.28	0.6	1.261803242	-0.706239	0.0574357	Yes
<i>MRPL43</i>	3.24	5.33	4.79	5.85	1.492924528	1.182744309	0.457592	0	Yes
<i>HPF1</i>	0.92	0.79	<0.1	NA	0.932291667	NA	0	NA	Yes
<i>ZFR</i>	2.13	7.93	4.45	6.03	2.853035144	1.290695174	1.3422	0	Yes
<i>ZNF280C</i>	3.27	5.56	7.41	9.11	1.536299766	1.201887597	0.607883	0.0778862	Yes
<i>TRAF1</i>	5.91	7.38	20.70	20.38	1.212735166	0.985089312	0.120288	-0.0449738	Yes
<i>RC3H2</i>	71.97	69.65	20.54	20.44	0.968206112	0.995493766	0	-0.0518075	Yes
<i>IL17RB</i>	2.73	3	45.84	46.07	1.072386059	1.004857213	0	-0.0942609	Yes
<i>TRAF3IP2</i>	31.16	28.48	178.89	163.70	0.916666667	0.915569769	-0.0374055	-0.223239	Yes
<i>GYG2</i>	998.87	540.14	815.07	944.51	0.541210357	1.158609909	-0.861813	0.0486483	Yes
<i>DCBLD2</i>	19.12	22.86	28.18	28.65	1.185884692	1.015961594	0.167557	-0.057402	Yes
<i>SERPINB3</i>	1.49	0.9	7.48	7.65	0.763052209	1.019460735	-0.260123	0	Yes
<i>SOAT1</i>	0.13	0.11	0.20	0.28	0.982300885	1.070076909	0	0	Yes
<i>PKP2</i>	19.57	26.08	27.09	27.44	1.316480311	1.012321834	0.321708	-0.0411752	Yes
<i>GDI2</i>	24.87	31.53	0.14	0.12	1.257441051	0.979569652	0.244206	0	Yes
<i>PRDM1</i>	2.34	3.85	13.12	12.61	1.452095808	0.963669453	0.454187	-0.0992826	Yes
<i>ATG5</i>	1.12	1.3	1.03	0.96	1.08490566	0.966311314	0	0	Yes
<i>TMCC3</i>	0.78	2.21	0.32	0.40	1.803370787	1.0630208	1.13295	0	Yes
<i>PITHD1</i>	4.28	4.55	<0.1	NA	1.051136364	NA	0	NA	Yes
<i>MTA3</i>	0.22	1.54	18.73	20.26	2.081967213	1.077403511	2.06199	0	Yes
<i>USP13</i>	0.52	0.42	<0.1	NA	0.934210526	NA	0	NA	Yes
<i>ATP11B</i>	0.51	8.01	0.61	0.52	5.966887417	0.947190871	3.0264	0	Yes
<i>LAMC2</i>	3.23	4.17	4.20	5.76	1.222222222	1.299429472	0.209671	0.00915886	Yes
<i>CDK14</i>	1.08	0.6	0.20	0.37	0.769230769	1.140269533	-0.193553	0	Yes
<i>SEC61A1</i>	0.28	0.67	1.10	0.95	1.3046875	0.928423856	0.560438	-0.283526	Yes
<i>PPP1R12A</i>	0.73	1.18	<0.1	NA	1.260115607	NA	0	NA	Yes
<i>RASGRF1</i>	10.19	12.06	3.59	4.32	1.167113494	1.15889462	0.127283	0	Yes
<i>CAMK2B</i>	2.92	4.48	12.51	13.09	1.397959184	1.042789648	0.384154	0	Yes
<i>CROCC</i>	1634.31	1100.49	2138.78	1954.33	0.67356648	0.913801394	-0.552838	-0.253951	Yes
<i>POLR3E</i>	35.4	23.89	1.41	2.28	0.683791209	1.362435195	-0.478116	0.246977	Yes
<i>ATP2B4</i>	0.61	1.94	0.50	0.57	1.826086957	1.048442765	0.969089	0	Yes
<i>ZC3H11A</i>	3.1	25.38	<0.1	NA	6.434146341	NA	2.36194	NA	Yes
<i>RIOK2</i>	9.54	15.21	3.08	3.37	1.537950664	1.069873921	0.479648	0	Yes
<i>YIPF1</i>	19.48	19.39	<0.1	NA	0.995605469	NA	0	NA	Yes
<i>NDC1</i>	1.46	7.29	<0.1	NA	3.369918699	NA	1.70905	NA	Yes
<i>FLYWCH1</i>	13.67	9.03	10.19	9.67	0.683708248	0.953642469	-0.465831	-0.107718	Yes

UNKL	0.43	0.82	0.52	1.18	1.272727273	1.435303642	0.0819504	0	Yes
PARP12	0.11	0.11	<0.1	NA	1	NA	0	NA	Yes
ALDH18A1	21.79	17.19	6.39	6.31	0.798157086	0.989259954	-0.24738	0	Yes
TARBP1	0.28	0.28	0.43	0.57	1	1.100625427	0	-0.0706005	Yes
GATB	0.41	0.41	8.36	9.02	1	1.070140818	0	0	Yes
MXD1	2.47	4.49	3.97	4.56	1.582132565	1.11896671	0.405649	0	Yes
CDK17	3.13	4.96	<0.1	NA	1.443099274	NA	0.414298	NA	Yes
DNAJC25	0.12	17.25	8.12	11.55	16.29464286	1.376519464	5.60698	0	Yes
PSD	3.19	4.66	4.34	4.24	1.350835322	0.981666914	0.326728	-0.0054502	Yes
CTDP1	10.79	10.78	12.85	14.81	0.999151824	1.141734667	0	0	Yes
YBX3	0.48	6.3	<0.1	NA	4.932432432	NA	2.964	NA	Yes
STYK1	21.39	19.06	69.31	72.30	0.895935686	1.042548354	-0.0486133	-0.0141938	Yes
WNK1	97.55	139.26	18.50	32.15	1.423236936	1.699963585	0.407708	0.532394	Yes
CCAR1	12.36	23.93	38.14	43.04	1.866017964	1.125233653	0.874836	0	Yes
OGFR	0.17	0.09	<0.1	NA	0.931623932	NA	-0.0450213	NA	Yes
GNA15	0.13	0.1	<0.1	NA	0.973451327	NA	0	NA	Yes
PIGV	2.45	1.97	1.92	1.54	0.860869565	0.87138148	-0.110145	-0.282796	Yes
PTPRU	0.21	0.67	0.21	0.21	1.380165289	0.997611456	0.719442	0	Yes
SNRNP40	0.13	3.78	<0.1	NA	4.230088496	NA	3.20648	NA	Yes
QSER1	2.4	5.35	9.04	8.15	1.867647059	0.911351408	0.814492	-0.104941	Yes
MPC1	45.56	58.57	20.02	21.91	1.279424399	1.089989337	0.285095	0	Yes
ACAA1	212.3	440.37	12.81	19.79	2.069245195	1.505338721	0.983061	0.177393	Yes
BCAT1	150.48	133.3	<0.1	NA	0.886585688	NA	0	NA	Yes
HDAC7	2.11	5.02	4.81	5.29	1.935691318	1.082382224	1.08118	0	Yes
LZTS1	0.26	0.36	<0.1	NA	1.079365079	NA	0	NA	Yes
SPAG4	6.93	35.24	0.49	1.52	4.56998739	1.68919863	1.99788	0	Yes
NCKAP1	18.35	32.54	9.19	10.80	1.733333333	1.157873954	0.717775	0	Yes
MRPS35	246.96	128.02	<0.1	NA	0.520325859	NA	-0.883216	NA	Yes
SFSWAP	0.26	0.58	0.28	0.27	1.253968254	0.994523286	0	0	Yes
TNK2	0.12	3.73	<0.1	NA	4.223214286	NA	3.55523	NA	Yes
MON2	0.79	5.97	<0.1	NA	3.893854749	NA	1.9149	NA	Yes
CDH3	0.29	3.2	<0.1	NA	3.255813953	NA	2.32348	NA	Yes
GPBP1	187.89	98.1	0.22	0.25	0.524643973	1.02468762	-0.893075	0	Yes
DGAT2	43.01	43.13	9.52	13.63	1.002726653	1.39068356	0	0	Yes
ZNF112	229.03	165.21	<0.1	NA	0.722557927	NA	-0.401191	NA	Yes
CS	4.87	23.07	<0.1	NA	4.100511073	NA	1.87713	NA	Yes
LTK	22.94	25.26	116.45	123.11	1.096908939	1.056685233	0.0582747	0	Yes
MRPS24	7.58	6.38	3.09	3.33	0.86013986	1.059173703	-0.127228	0	Yes

ELMO2	2	2.13	52.13	52.85	1.043333333	1.013560467	0	0	Yes
WAPL	2.49	0.46	<0.1	NA	0.418338109	NA	-1.89082	NA	Yes
VMP1	0.12	2.29	<0.1	NA	2.9375	NA	2.66991	NA	Yes
APBP2	3.02	3.34	28.76	25.94	1.07960199	0.905354096	0	-0.225548	Yes
POLD1	126.81	116.98	263.98	261.17	0.92308896	0.989393849	-0.0691908	-0.116074	Yes
EIF4B	1.12	1.58	<0.1	NA	1.216981132	NA	0	NA	Yes
SLC6A16	3.48	4.43	1.01	0.79	1.212053571	0.889733234	0	0	Yes
BICRA	90.89	74.35	143.56	130.43	0.820002177	0.909174245	-0.244869	-0.279028	Yes
SPHK2	51.83	135.43	0.32	0.63	2.582434223	1.238442323	1.2838	0	Yes
RPL18	9.13	5.99	5.64	6.23	0.690029615	1.088184066	-0.386964	0	Yes
CA11	15.02	15.06	155.89	143.93	1.002496879	0.923776198	0	-0.186114	Yes
ISOC2	4.01	5.58	13.73	15.75	1.313373253	1.137328939	0.295052	0	Yes
U2AF2	4.81	5.68	38.48	40.98	1.149741824	1.063415107	0.126172	0	Yes
EPN1	1.59	1.32	<0.1	NA	0.895752896	NA	0	NA	Yes
MED29	7.51	18.27	2.61	5.36	2.26439483	1.760941415	1.15179	0.71149	Yes
ZNF275	13.46	11.74	9.69	10.30	0.881051176	1.056754424	-0.044493	0	Yes
MTMR1	16.69	14.32	16.97	21.44	0.866026003	1.248803029	0	0	Yes
GPC1	80.88	165.58	51.46	47.61	2.034440645	0.926524764	0.929217	-0.117575	Yes
ADCK1	2.57	4.2	13.64	12.98	1.456582633	0.954913256	0.539429	-0.120132	Yes
HAGH	1996.34	1154.97	198.86	226.04	0.578754744	1.136000178	-0.760406	0	Yes
RNF4	0.2	0.1	<0.1	NA	0.916666667	NA	0	NA	Yes
CASP8	0.24	1.28	14.25	15.16	1.838709677	1.059353264	1.56921	0	Yes
LIMCH1	1.15	1.77	7.46	7.59	1.288372093	1.015264851	0.222725	0	Yes
INTS13	4.53	4.32	<0.1	NA	0.962025316	NA	0	NA	Yes
TM7SF3	1.33	25.55	45.71	70.60	11.39484979	1.532759689	3.88494	0.425721	Yes
DLX3	0.34	0.56	13.60	14.29	1.164179104	1.04724024	0	-0.145828	Yes
SPA17	0.29	1.81	<0.1	NA	2.178294574	NA	1.74595	NA	Yes
CCN5	0.5	1.63	1.22	1.20	1.753333333	0.993200528	1.24673	0	Yes
ATP2C2	2.37	3.99	0.26	0.13	1.480712166	0.896237987	0.229757	0	Yes
NGFR	30.56	37.71	59.07	55.36	1.226552598	0.938196285	0.195847	-0.15911	Yes
CDON	3.04	3.81	2.27	2.51	1.190594059	1.072914458	0.156638	0	Yes
TAF2	25.12	16.48	43.34	45.70	0.669218989	1.053137349	-0.483193	-0.003539	Yes
HIPK2	2.69	2.61	2.74	4.25	0.978319783	1.404211097	0	0	Yes
TNPO3	32.11	36.77	130.78	142.76	1.140742978	1.090873315	0.0950503	0	Yes
DRCS8-MEF2	10.6	12.11	28.53	33.32	1.130172414	1.162103299	0.063142	0	Yes
RFXANK	0.77	0.39	0.88	0.95	0.785310734	1.037439853	0	0	Yes
TMEM161A	2.06	6.28	10.79	9.28	2.379084967	0.871650399	1.17833	-0.0817789	Yes
LPAR2	22.83	19.63	35.15	37.85	0.865715485	1.074766413	-0.116071	0	Yes

<i>CTSA</i>	89.33	73.79	6.76	9.72	0.827964132	1.381108092	-0.198939	0.129798	Yes
<i>SUGP2</i>	108.43	96.93	0.32	0.44	0.894909988	1.090856475	-0.0917671	0	Yes
<i>SLC12A2</i>	0.89	1.95	0.71	0.70	1.560846561	0.995324288	0.541607	0	Yes
<i>SNX24</i>	3.07	1.77	37.76	34.03	0.680589681	0.903895181	-0.140965	0	Yes
<i>CNN2</i>	0.26	0.39	0.74	0.92	1.103174603	1.102114361	0	0	Yes
<i>ABCA7</i>	8.56	17.31	7.46	7.65	1.915271967	1.02221862	0.822585	0	Yes
<i>DDX20</i>	20.61	15.38	4.23	5.80	0.757982416	1.300445303	-0.289746	0.0581726	Yes
<i>BTBD1</i>	458.79	508.68	168.55	177.33	1.108506057	1.051775479	0.117387	-0.0262181	Yes
<i>BCAS1</i>	0.23	0.39	0.15	0.22	1.130081301	1.057521692	0	0	Yes
<i>CHI3L2</i>	150.43	138.76	62.98	62.49	0.922934689	0.992315906	-0.0630528	0	Yes
<i>SBNO2</i>	0.12	28.08	<0.1	NA	25.96428571	NA	6.10112	NA	Yes
<i>PMS1</i>	38.51	42.61	0.13	0.45	1.103771197	1.285487737	0.0630056	0	Yes
<i>HMG20B</i>	13.96	15.11	20.02	19.44	1.076871658	0.972192037	0.0120835	-0.0577916	Yes
<i>TAF11</i>	0.12	0.46	<0.1	NA	1.303571429	NA	0.0159878	NA	Yes
<i>ANKS1A</i>	2.74	2.29	14.65	13.77	0.879679144	0.943842255	0	-0.121326	Yes
<i>AP3D1</i>	965.25	894.95	3307.50	2936.70	0.927244502	0.88792647	-0.0815162	-0.342986	Yes
<i>ZNF76</i>	0.54	0.27	0.52	0.57	0.824675325	1.032989089	0	0	Yes
<i>SLC9A3R2</i>	93.5	94.56	289.75	327.39	1.011216931	1.129460098	0	0	Yes
<i>NTHL1</i>	0.29	0	<0.1	NA	0.775193798	NA	0	NA	Yes
<i>UHRF1BP1</i>	0.4	0.27	<0.1	NA	0.907142857	NA	0	NA	Yes
<i>GNAI3</i>	0.27	0.55	<0.1	NA	1.220472441	NA	0	NA	Yes
<i>IPO5</i>	0.32	0	<0.1	NA	0.757575758	NA	0	NA	Yes
<i>OAT</i>	0.15	0	<0.1	NA	0.869565217	NA	0	NA	Yes
<i>WDR3</i>	1.12	0.89	<0.1	NA	0.891509434	NA	0	NA	Yes
<i>PKN2</i>	0.79	1.7	<0.1	NA	1.508379888	NA	0	NA	Yes
<i>WDR18</i>	20.93	31.45	34.36	35.72	1.479708162	1.038597752	0.482144	-0.0288621	Yes
<i>TRAM2</i>	2.38	4.22	8.40	10.24	1.544378698	1.195500689	0.59018	0	Yes
<i>NTN1</i>	5.9	6.6	7.81	8.81	1.101449275	1.113638383	0	0	Yes
<i>GLP2R</i>	2.98	4.13	13.28	12.82	1.288944724	0.967729784	0.144972	-0.181255	Yes
<i>MCM10</i>	3.85	5.01	7.62	13.24	1.239175258	1.652450017	0.102071	0.460142	Yes
<i>DGKA</i>	2.96	3.37	<0.1	NA	1.103535354	NA	0	NA	Yes
<i>ERBB3</i>	15.84	19.36	58.59	63.15	1.209026128	1.076492679	0.0461127	0	Yes
<i>ANKRD44</i>	9.11	7.97	18.71	21.45	0.887240356	1.138805027	0	0	Yes
<i>KARS1</i>	0.27	0	<0.1	NA	0.787401575	NA	0	NA	Yes
<i>ADAT1</i>	1.24	2.8	<0.1	NA	1.696428571	NA	0.494604	NA	Yes
<i>PDIA5</i>	0.37	2.77	<0.1	NA	2.751824818	NA	1.83554	NA	Yes
<i>TBC1D22B</i>	0.16	0.09	<0.1	NA	0.939655172	NA	0	NA	Yes
<i>NDUFB4</i>	36.46	21.46	13.57	11.78	0.599572878	0.877293532	-0.594493	-0.0683594	Yes

<i>SPEN</i>	78.01	52.81	115.17	107.85	0.681053031	0.937010486	-0.501495	-0.17422	Yes
<i>MYLK</i>	3.19	9.01	29.99	29.16	2.38902148	0.973349861	1.11142	0	Yes
<i>ZC3H15</i>	459.51	566.33	570.42	627.62	1.231960218	1.100097538	0.273649	0	Yes
<i>MAP2K4</i>	0.22	1.06	<0.1	NA	1.68852459	NA	0.683905	NA	Yes
<i>PACC1</i>	284.58	198.82	898.49	669.13	0.699698858	0.745008936	-0.433509	-0.542729	Yes
<i>SLK</i>	0.35	1.41	0.86	0.96	1.785185185	1.056074562	0.935493	0	Yes
<i>CYB5R4</i>	0.18	0.12	0.21	0.21	0.949152542	0.997258494	0	0	Yes
<i>COL17A1</i>	0.48	0.23	<0.1	NA	0.831081081	NA	-0.135029	NA	Yes
<i>GSTO2</i>	0.25	0.59	0.65	0.86	1.272	1.127384654	0	0	Yes
<i>SEC61A2</i>	1.38	1.12	73.06	77.33	0.890756303	1.05761508	0	-0.0480934	Yes
<i>PRKCQ</i>	19.17	21.69	35.32	39.64	1.124938027	1.119045493	0.0288833	0	Yes
<i>TLE2</i>	0.35	0.69	<0.1	NA	1.251851852	NA	0	NA	Yes
<i>ASB1</i>	11.46	10.74	25.96	30.75	0.942215088	1.177815661	0	0.0645032	Yes
<i>FAM107B</i>	0.65	0.24	<0.1	NA	0.751515152	NA	0	NA	Yes
<i>ME1</i>	0.42	0.61	0.20	0.15	1.133802817	0.959079544	0.102375	0	Yes
<i>TBC1D1</i>	8.88	9.39	32.36	25.71	1.051619433	0.800548692	0	-0.331754	Yes
<i>CDK13</i>	0.99	1.92	0.32	0.71	1.467336683	1.292466753	0.518957	0.341631	Yes
<i>MTHFD2</i>	1.87	4.75	0.59	1.17	2.003484321	1.365042536	1.02766	0.137012	Yes
<i>SLC9A7</i>	8.49	9.37	37.97	45.36	1.092729189	1.189715291	0	0.0174713	Yes
<i>FOXJ2</i>	4.95	6.43	1.68	1.87	1.248739496	1.072434242	0.137082	0	Yes
<i>YBX1</i>	3.45	3.39	6.14	6.76	0.986516854	1.086509237	0	-0.124201	Yes
<i>PDE4A</i>	19.61	70.07	76.41	82.26	3.448326055	1.075597242	1.67545	0	Yes
<i>PPP2R5A</i>	0.13	0.52	<0.1	NA	1.345132743	NA	0	NA	Yes
<i>ELAVL1</i>	0.26	0.26	<0.1	NA	1	NA	0	NA	Yes
<i>DIP2B</i>	0.4	0	<0.1	NA	0.714285714	NA	0	NA	Yes
<i>SMARCD1</i>	0.18	0.62	1.40	2.04	1.372881356	1.266949276	0	0.0380133	Yes
<i>KDM4A</i>	21.81	18.04	242.08	352.28	0.834721613	1.453360398	0	0.37705	Yes
<i>NFYC</i>	0.14	0	<0.1	NA	0.877192982	NA	0	NA	Yes
<i>ZMYND12</i>	0.36	0.46	4.71	6.26	1.073529412	1.2709129	0	0	Yes
<i>SLC9A3</i>	10.22	13.09	0.16	0.14	1.255793226	0.979445034	0.205457	0	No
<i>NGEF</i>	47.61	49.06	45.22	45.78	1.029829253	1.012163341	0	0	No
<i>ASPM</i>	1.43	2.23	3.11	4.58	1.329218107	1.35790639	0.328852	0.0928657	No
<i>ELOVL1</i>	3.3	4.51	5.79	7.14	1.281395349	1.199086374	0.222274	0	No
<i>ZNRD1</i>	29.36	33.55	29.40	33.05	1.13801054	1.120114478	0.0756068	0	No
<i>ZBTB11</i>	3.93	4.92	4.31	4.66	1.200811359	1.065438717	0.1444	0	No
<i>ATXN3</i>	1.33	1.15	3.43	3.43	0.922746781	1.000873169	0	0	No
<i>GOLGA5</i>	4.5	4.18	5.60	6.01	0.941818182	1.062322746	0	0	No
<i>FGFR2</i>	11.86	10.78	32.43	32.61	0.916018663	1.005333468	-3.05E-06	0	No

<i>LRRC40</i>	1.88	2.27	2.25	2.79	1.135416667	1.167489946	0	0	No
<i>ISOC1</i>	5.66	7.78	4.59	4.72	1.318318318	1.023167241	0.301224	0	No
<i>EML1</i>	7.73	6.01	20.72	19.00	0.802978236	0.920933585	-0.138641	-0.125523	No
<i>TRMT11</i>	0.84	1.03	6.08	6.11	1.10326087	1.004223436	0	0	No
<i>THUMPD1</i>	3.06	3.65	1.60	1.91	1.145320197	1.118611379	0	0	No
<i>MSANTD3</i>	0.64	1.41	<0.1	NA	1.469512195	NA	0.689991	NA	No
<i>KIF26A</i>	36.56	42.36	36.12	33.13	1.154419595	0.919548682	0.078656	-0.123009	No
<i>ATG2B</i>	13.12	22.19	37.33	45.22	1.642351275	1.205719375	0.619414	0.0361443	No
<i>ARFGEF1</i>	29.35	23.35	134.19	131.60	0.802306425	0.980861872	-0.232515	-0.144094	No
<i>ZFAT</i>	2.62	1.76	<0.1	NA	0.762430939	NA	-0.300169	NA	No
<i>MTFR1</i>	0.27	0.55	28.17	44.35	1.220472441	1.554806069	0.110038	0.406982	No
<i>FECH</i>	112.83	81.62	61.87	63.40	0.725819204	1.024265059	-0.424743	-0.0623233	No
<i>MYO9A</i>	6.84	6.91	16.07	17.48	1.008928571	1.08244039	0	0	No
<i>PFKP</i>	38.88	36.37	50.61	54.49	0.937061184	1.075265796	-0.001473	0	No
<i>IDI1</i>	3	6.47	2.41	3.00	1.8675	1.17431724	0.870514	0	No
<i>SP100</i>	0.88	0.62	2.41	1.88	0.861702128	0.8459357	0	0	No
<i>KLF6</i>	9.03	10.33	1.52	1.74	1.129611167	1.085680343	0.0305464	0	No
<i>PLPP1</i>	3.01	3.66	2.82	3.41	1.162094763	1.155222175	0.0961503	0.0317198	No
<i>NEO1</i>	1.68	1.97	2.01	1.97	1.108208955	0.987718649	0	0	No
<i>TRAM1</i>	3.96	3.54	6.40	7.57	0.915322581	1.157503431	-0.0403122	0	No
<i>PHKA1</i>	1.8	1.74	0.30	0.35	0.978571429	1.03917931	0	0	No
<i>TNFRSF1A</i>	1.99	2.6	4.51	6.03	1.204013378	1.27533603	0.00534285	0	No
<i>CACNB1</i>	5	5.54	27.24	30.52	1.09	1.1161979	0	0	No
<i>EVI5</i>	70.95	56.68	97.47	89.75	0.801667825	0.921556796	-0.221761	-0.195512	No
<i>STOML1</i>	82.79	110.92	53.68	53.43	1.335720253	0.995470988	0.352977	-0.0753122	No
<i>PKM</i>	22.26	14.76	78.94	75.23	0.67755804	0.953633046	-0.508685	-0.163684	No
<i>DHX29</i>	73.82	85.36	14.92	15.11	1.154236835	1.012053185	0.15531	0	No
<i>DNTTIP2</i>	25.31	33.58	26.49	27.51	1.314329152	1.037265198	0.320122	0	No
<i>METTL22</i>	7.09	7.63	20.72	20.52	1.066749073	0.990924296	0	-0.0564931	No
<i>TP53BP1</i>	0.17	0.58	3.30	3.52	1.35042735	1.051666892	0.987184	0	No
<i>RRP15</i>	11.76	13.72	12.65	16.70	1.153605016	1.296479812	0.0644543	0.115315	No
<i>RHOA</i>	0.85	0.7	1.42	1.99	0.918918919	1.234074358	0	0.0166628	No
<i>DHX8</i>	0.16	1.33	0.56	0.49	2.00862069	0.953808482	1.3499	0	No
<i>PMS2P4</i>	3.45	1.92	27.62	28.67	0.656179775	1.036651422	-0.540875	-0.023722	No
<i>PRKCZ</i>	69.69	58.61	81.77	90.10	0.843259301	1.100619302	-0.139424	0	No
<i>IARS2</i>	0.87	0.67	<0.1	NA	0.893048128	NA	0	NA	No
<i>SYT1</i>	0.33	0.28	1.63	1.99	0.962406015	1.13516771	0	0	No
<i>NAV3</i>	3.6	4.1	8.42	8.18	1.108695652	0.974037516	0	0	No

IDH3G	2.12	2.39	3.65	4.34	1.086538462	1.147423403	0	0	No
ROGDI	8.31	9.73	13.67	14.36	1.152524168	1.047143695	0.0877257	0	No
PDZD4	13.74	21.81	12.98	13.39	1.547489824	1.029389728	0.492763	0	No
ROCK1	15.01	18.28	47.57	50.65	1.204247345	1.063394995	0.167605	0	No
CBFB	70.5	31.16	<0.1	NA	0.44979021	NA	-1.0702	NA	No
PDK3	28.5	27.96	42.50	39.12	0.981694915	0.92228176	0	-0.185615	No
HYAL2	6.33	8.66	10.65	11.99	1.31787176	1.11497707	0.275915	0	No
HDAC4	357.03	250.2	301.44	293.26	0.701617183	0.972950095	-0.461676	-0.123167	No
RASSF1	10.14	10.14	<0.1	NA	1	NA	0	NA	No
FGFR3	1.36	3.4	15.52	14.08	1.86440678	0.912731855	0.842599	-0.172807	No
IFI35	23	19.59	84.06	86.23	0.857916667	1.025557249	-0.0271533	0	No
HEATR6	4.52	7.13	12.15	11.84	1.472826087	0.976290048	0.462539	-0.0632346	No
COASY	0.17	0.12	7.28	7.33	0.957264957	1.006175934	0	-0.0813663	No
PLEKHH3	2.69	2.21	8.40	7.87	0.869918699	0.944125577	-0.0822107	-0.0226101	No
MEF2A	4.22	4.92	17.53	21.03	1.134099617	1.189052492	0.00030957	0.0358697	No
OTUD5	0.33	0.12	0.87	0.98	0.842105263	1.057809993	-0.533604	0	No
TFE3	2.13	2.75	<0.1	NA	1.198083067	NA	0.0204497	NA	No
TBC1D25	16.96	18.8	29.33	31.58	1.102449889	1.07405004	0.00766187	0	No
ACSL4	6.39	5.49	53.82	52.90	0.878213802	0.983206325	-0.0532764	-0.136372	No
INPP5A	6.11	5.93	6.38	7.07	0.974683544	1.094156046	0	0	No
GPKOW	5.27	4.92	11.19	12.96	0.944178628	1.144842404	0	0	No
GRIPAP1	2.22	2.61	7.69	7.71	1.121118012	1.002773974	0	0	No
FTSJ1	1.95	2.74	5.11	5.43	1.26779661	1.052259501	0.255143	0	No
PRR11	5.02	7.24	9.91	10.66	1.368770764	1.068301576	0.412897	0	No
REEP1	0.16	0.14	<0.1	NA	0.982758621	NA	0	NA	No
ATP11A	1.01	1.59	2.06	2.88	1.288557214	1.267718244	0.239856	0.0578227	No
POLR1A	6.8	4.83	35.70	24.10	0.747435897	0.683955579	-0.221471	-0.551167	No
LAPTM4A	0.86	0.41	0.68	0.89	0.758064516	1.124380988	-0.421195	0	No
TTC7A	2	1.88	8.65	8.96	0.96	1.032544833	0	0	No
IP6K2	29.93	37.67	20.75	22.92	1.250242483	1.099897512	0.209062	0	No
SRBD1	0.72	1.52	<0.1	NA	1.465116279	NA	0.558443	NA	No
KIF2A	7.28	8.3	6.67	7.71	1.123188406	1.135944918	0.05595	0	No
RASGRP2	0.37	0.71	5.86	7.34	1.248175182	1.215693335	0.471066	0.0266277	No
PSME4	2.47	3.25	8.47	8.42	1.224783862	0.994652387	0.229703	-0.0829112	No
IFT80	6.31	8.53	8.20	9.78	1.30369357	1.171572352	0.281796	0	No
SIRT2	4.82	4.57	7.40	7.36	0.957044674	0.995682788	0	0	No
ERLEC1	154.8	70.4	0.44	0.79	0.458279846	1.242741058	-1.1013	0.219953	No
PPP2R5B	2.15	2.92	2.20	2.45	1.244444444	1.076765648	0.210438	0	No

PYGM	11.65	13.77	22.08	23.96	1.167588933	1.081440813	0.14005	0	No
PITX1	0.79	1.8	1.05	1.59	1.56424581	1.262099461	0.754876	0	No
MAST4	25.88	20.47	19.87	21.73	0.798735119	1.08894623	-0.228612	0	No
NUP133	14.36	13.42	<0.1	NA	0.938802083	NA	0	NA	No
NUCKS1	5.25	3.08	9.84	10.26	0.6528	1.038541154	-0.551973	0	No
VPS35	0.95	2.17	<0.1	NA	1.625641026	NA	0.779234	NA	No
DNAJA2	2.22	5.56	<0.1	NA	2.037267081	NA	1.04112	NA	No
BCL3	60.21	49.21	0.16	0.14	0.820290802	0.986690096	-0.23597	0	No
KCNAB2	32.79	26.1	30.42	29.39	0.80201243	0.967062087	-0.255482	-0.101335	No
GAL	5.74	6.99	14.26	13.77	1.185459941	0.967941408	0.110349	-0.0744371	No
CLEC2D	18.1	12.22	31.82	32.36	0.692146597	1.016398782	-0.442951	-0.0609944	No
FUNDC1	0.19	0.5	0.12	0.14	1.260504202	1.014071389	0.733245	0	No
MAOB	4.54	5.75	<0.1	NA	1.218411552	NA	0.201338	NA	No
DRD4	12.28	12.59	7.85	8.75	1.023343373	1.101296815	0	0	No
TGFB3	18.47	20.86	1.39	2.04	1.122752953	1.271207128	0.0621439	0.00140096	No
HES2	0.4	0.43	0.35	0.38	1.021428571	1.020007619	0	0	No
ATP1B3	1.53	0.87	0.69	0.69	0.739130435	0.99860307	-0.475795	0	No
NEDD4	1.81	1.7	6.06	5.86	0.960854093	0.972051334	0	0	No
PIGB	19.62	23.05	36.20	33.64	1.166343356	0.931092503	0.139673	-0.143765	No
MAPK6	3.32	3.97	<0.1	NA	1.150462963	NA	0.0219211	NA	No
GNB5	3.17	4.3	4.19	5.22	1.270983213	1.199156784	0.245538	0	No
RAB27A	0.51	0.66	3.10	3.13	1.099337748	1.007706478	0	0	No
HDHD5	32.67	30.72	53.39	56.91	0.942084942	1.064801738	0	0	No
UFD1	3.66	4.28	5.79	5.81	1.13304721	1.002763582	0	0	No
LRP6	0.45	0.33	10.22	10.61	0.917241379	1.034935568	0	0	No
SCT	3.02	1.6	12.02	11.22	0.646766169	0.938648902	-0.629864	-0.0443694	No
PHRF1	9.36	9.22	7.61	7.04	0.986486486	0.933776393	0	-0.172105	No
ELP1	48.39	59.02	30.38	31.65	1.215225754	1.040396172	0.197243	0	No
NUCB2	3.01	3.57	7.04	8.20	1.139650873	1.144728483	0.0258672	0	No
PFN2	0.65	0.63	4.46	4.03	0.987878788	0.921101951	0	-0.066628	No
PTPN3	10.13	9.88	28.77	27.62	0.977538185	0.961473508	0	-0.101166	No
DAPP1	2.08	3.11	4.67	5.66	1.334415584	1.173723646	0.319791	0	No
SLC44A1	11.33	9.02	3.41	3.38	0.812652068	0.992756164	-0.142293	0	No
TMEM260	0.59	0.46	1.06	0.86	0.918238994	0.90391109	0	0	No
SMG6	7.42	7.39	15.13	14.80	0.996437055	0.97958477	0	-0.0726701	No
EXOC5	75.41	51.89	98.21	85.76	0.692186887	0.874537158	-0.430874	-0.323614	No
CLTCL1	6.31	7.9	20.05	22.25	1.21751026	1.104613858	0.212629	0	No
FSTL3	17.68	26.22	35.82	40.32	1.457173448	1.122165418	0.490373	0	No

DGCR2	0.41	3.92	19.61	18.81	3.489361702	0.961413525	2.86982	-0.140361	No
RNF126	37.87	17.63	67.00	58.60	0.479289941	0.876511752	-0.87251	-0.217329	No
MNT	2.13	2.61	4.16	5.28	1.153354633	1.217633516	0.0447701	0.016773	No
ZXDC	0.73	1.16	0.15	0.37	1.248554913	1.194242387	0.423097	0.433657	No
JMJD6	21.31	23.06	62.82	53.22	1.078440161	0.849554639	0	-0.305253	No
POLB	12.67	9.98	5.67	11.45	0.803218727	1.86593569	-0.197395	0.635667	No
WIPI1	2.89	3	12.00	15.57	1.028277635	1.274511788	0	0.0871231	No
GBA2	0.81	1.39	0.33	0.30	1.320441989	0.980898575	0.350936	-0.131962	No
NDST1	1.39	3.29	0.21	0.43	1.794979079	1.185805109	0.924054	0	No
ASNS	89.91	79.13	48.08	38.67	0.881421186	0.808295383	-0.0756241	-0.309842	No
AP3M2	6.13	6.66	31.69	29.08	1.074333801	0.920225904	0	-0.198365	No
CNGB1	2.08	3.7	<0.1	NA	1.525974026	NA	0.604949	NA	No
ST6GALNAC2	22.36	24.8	2.03	4.34	1.104452055	1.761803725	0.0201412	0.659492	No
PABPC1	7.35	5.83	25.15	27.60	0.817964072	1.093624585	-0.143811	0	No
TESK2	11.92	14.74	5.61	5.02	1.218266254	0.910831249	0.134025	-0.0122527	No
CFAP20	7.12	11.91	6.54	7.58	1.589901478	1.138500106	0.585758	0	No
CSNK2A2	59.41	50.46	122.38	132.12	0.851845721	1.078977212	-0.135829	0	No
PTPN21	7.06	10.35	6.75	5.80	1.408188586	0.877476145	0.399514	-0.247179	No
EIF2B3	14.61	19.32	48.42	51.51	1.30172966	1.062568549	0.289248	0	No
TCOF1	27.28	28.57	5.20	4.40	1.045615276	0.870495669	0	-0.149277	No
CDC42	0.11	0.09	0.77	1.20	0.981981982	1.242572624	0	0.189359	No
OSBPL3	21.07	19.04	17.92	20.99	0.908019937	1.162056032	0	0.019415	No
RAD18	48.9	31.74	2.98	4.18	0.656112224	1.301154845	-0.546619	0.025088	No
ATP2B1	18.89	24.18	7.46	8.13	1.265962795	1.078624578	0.287219	0	No
NCK2	2.39	2.34	1.18	0.99	0.985250737	0.913376874	0	-0.138394	No
MAP4K4	0.12	0.04	1.11	1.08	0.928571429	0.987395067	0	0	No
MGAT4A	12.35	12.69	<0.1	NA	1.025468165	NA	0	NA	No
RPL31	3.46	2.93	30.53	35.53	0.881165919	1.158454044	0	0	No
WDR1	7.88	10.97	14.89	12.65	1.347972973	0.859171118	0.224962	-0.126981	No
SNX13	34.81	26.24	30.68	34.43	0.760681374	1.11830288	-0.334379	0	No
ARHGAP10	4.48	7.49	2.15	2.46	1.549270073	1.097210193	0.529629	0	No
RPS6KA2	18.7	19.82	5.08	5.48	1.056852792	1.065198196	0	0	No
ING3	14.13	21.48	10.78	11.62	1.485789822	1.071384962	0.515471	0	No
VASH1	0.19	0.36	8.98	11.69	1.142857143	1.271859538	0	0.105796	No
LMCD1	5.1	5.57	32.33	27.63	1.07704918	0.858906577	0.0174531	-0.321891	No
BUD23	14.61	11.83	34.97	33.63	0.821909033	0.962656642	-0.190179	-0.151643	No
SEL1L	1.5	2.21	19.93	22.09	1.284	1.102984783	0.240937	0	No
TRIP13	1.49	2.25	4.67	5.38	1.305220884	1.124728234	0.312861	0	No

ATP6AP1	10.3	10.04	14.02	15.01	0.97699115	1.066199344	0	0	No
TCF3	179.38	144.78	1177.71	1216.07	0.808182725	1.032546829	-0.258256	-0.0580079	No
TRIB2	138.46	123.15	175.53	175.66	0.890219418	1.000749094	-0.129026	-0.1024	No
DAZAP1	19.53	25.98	25.37	26.27	1.314174379	1.034227094	0.335591	0	No
MBD3	0.93	1.42	2.79	2.95	1.25388601	1.041216033	0.3276	0	No
HLTF	1.65	1.25	1.14	1.57	0.849056604	1.20283901	0	0	No
FAM50A	1.88	1.87	5.87	5.83	0.996527778	0.993537803	0	-0.0461992	No
FAM3A	6.07	7.64	10.83	11.38	1.222065064	1.04609073	0.176379	0	No
CPSF1	2.01	4.67	7.54	9.86	1.88372093	1.271344319	0.919155	0	No
CYBRD1	15.98	21.35	28.15	30.67	1.316254417	1.086540088	0.321129	0	No
PDCD2	23.7	34.8	12.35	11.47	1.449392713	0.934452249	0.445691	-0.0775016	No
RDH11	2.68	7.38	0.20	0.57	2.277173913	1.310591821	1.10414	0	No
PRKACA	2.04	3.35	6.35	6.92	1.430921053	1.078216681	0.432967	0	No
ADGRL1	24.2	23.15	<0.1	NA	0.958333333	NA	0	NA	No
ACTN1	1.17	0.66	0.58	0.16	0.764976959	0.736578408	-0.387579	-0.569263	No
ZFYVE26	11.73	14.71	73.98	78.77	1.234092694	1.063888459	0.25119	0	No
EPN2	136.03	105.2	151.46	148.63	0.775012771	0.981423806	-0.314626	-0.102237	No
PTPN18	4.7	4.84	26.20	26.64	1.024561404	1.016136814	0	-0.0165555	No
LIMS2	118.1	138.73	0.20	0.81	1.173215785	1.511029489	0.184736	0	No
SPEG	47.39	49.66	34.76	31.35	1.046910519	0.904661103	0.00542149	-0.226102	No
LNK1	0.24	1.59	38.88	41.90	2.088709677	1.075758825	2.01813	0	No
ALDH3A2	1.97	3.19	6.72	5.81	1.410774411	0.881647544	0.313397	-0.110791	No
TFRC	12.14	11.5	26.38	31.13	0.95129376	1.173465585	0	0.0589823	No
SREBF1	5.72	7.79	6.36	7.23	1.308035714	1.117893257	0.197948	0	No
AFF4	1.27	1.39	12.09	13.59	1.052863436	1.114657134	0	0	No
UBE2D1	0.16	9.5	<0.1	NA	9.051724138	NA	4.2464	NA	No
MPP5	0.76	1.87	6.74	6.52	1.630681818	0.971613616	0.925603	-0.0188508	No
SMC1A	2.14	1.33	1.57	1.27	0.742038217	0.884098248	-0.196498	0	No
HSD17B10	5.05	4.2	62.08	65.15	0.859504132	1.048680851	-0.0220354	-0.0237589	No
MARK2	2.21	3.41	0.57	0.53	1.373831776	0.973585304	0.420419	0	No
HMMR	8.33	12.73	<0.1	NA	1.471596999	NA	0.462906	NA	No
CHFR	39.76	32.58	36.12	41.92	0.823846909	1.156357017	-0.158427	0	No
TRHDE	4.94	3.93	7.14	7.81	0.82996633	1.082811017	-0.149408	0	No
P4HA2	2.91	7.62	92.99	87.15	2.204603581	0.937834032	1.17946	-0.197685	No
NFATC3	2.76	4.95	145.97	147.31	1.582446809	1.009130849	0.323798	-0.0911356	No
TRNT1	0.15	0.39	<0.1	NA	1.208695652	NA	0.144972	NA	No
ACADVL	4.46	6.28	0.21	0.23	1.333333333	1.019753414	0.311141	0	No
STK10	2.74	3.68	5.49	5.72	1.251336898	1.035813002	0.239554	0	No

<i>FBXW11</i>	6.47	6.65	21.08	19.24	1.024096386	0.916718813	0	-0.175653	No
<i>ACAP1</i>	5.42	5.26	7.50	7.19	0.975077882	0.963946262	0	0	No
<i>CRMP1</i>	1.84	2.83	1.43	1.84	1.348591549	1.170433116	0.354573	0	No
<i>EVC</i>	27.43	27.68	34.37	36.22	1.008793528	1.052227744	0	0	No
<i>DERL2</i>	1.12	1.48	5.90	5.16	1.169811321	0.893083594	0.0352142	-0.124262	No
<i>NDE1</i>	15.05	22.03	29.41	31.36	1.434890966	1.064046726	0.391785	0	No
<i>TMEM38A</i>	6.6	7.25	12.13	12.61	1.085526316	1.036755194	0	0	No
<i>AP1M1</i>	8.7	8.88	15.04	15.59	1.018556701	1.03430615	0	0	No
<i>PVR</i>	77.11	53.03	318.47	305.65	0.69171681	0.959880424	-0.487478	-0.187503	No
<i>XRCC1</i>	0.94	3.33	1.05	1.25	2.231958763	1.098098077	1.41916	0	No
<i>SCARB1</i>	11.16	8.53	<0.1	NA	0.783717105	NA	-0.258199	NA	No
<i>CYP2W1</i>	3.1	1.87	9.86	11.03	0.7	1.107678244	-0.525188	0	No
<i>MCM2</i>	2.67	4.61	3.67	4.82	1.528610354	1.246045504	0.594434	0.0915279	No
<i>PANX2</i>	43.69	37.43	18.65	20.45	0.85992392	1.091589266	-0.152424	0	No
<i>SELENOO</i>	12.96	15.74	22.07	23.65	1.199140401	1.068400124	0.188409	0	No
<i>TP63</i>	9.94	8.91	4.32	5.33	0.905850091	1.190572594	-0.0284988	0	No
<i>ALPK1</i>	19.47	11.36	19.98	16.36	0.603810454	0.827450961	-0.582399	-0.235669	No
<i>LLGL2</i>	12.34	12.82	53.04	57.63	1.035982009	1.085002399	0	0	No
<i>PDE8A</i>	0.94	1.58	1.76	1.84	1.329896907	1.029084621	0.410877	0	No
<i>CLCN4</i>	1.95	2.72	1.57	1.89	1.261016949	1.124445698	0.186851	0	No
<i>NLE1</i>	0.18	1.6	0.13	0.13	2.203389831	0.999831362	1.77484	0	No
<i>SDHA</i>	12.64	9.29	5.37	5.98	0.754398827	1.095302383	-0.235446	0	No
<i>SMARCE1</i>	0.23	0.14	<0.1	NA	0.926829268	NA	0	NA	No
<i>GSDMB</i>	2.73	5.88	16.19	18.90	1.844504021	1.157548251	0.920686	0	No
<i>KDM5A</i>	6.88	13.58	17.97	17.77	1.850253807	0.989416499	0.828629	-0.0717158	No
<i>ADAM11</i>	1.26	1.56	4.27	4.13	1.132743363	0.972874923	0.00073991	0	No
<i>PPP2R3A</i>	4.53	4.69	19.57	19.19	1.028933092	0.981646594	0	-0.0310732	No
<i>FERMT2</i>	4.94	4.05	6.82	7.60	0.85016835	1.09983257	-0.143941	0	No
<i>DHRS9</i>	52.88	38.78	53.44	57.12	0.73830735	1.067562091	-0.36366	0	No
<i>PTGS2</i>	8.37	4.97	8.97	13.95	0.637139808	1.49932345	-0.525677	0.323707	No
<i>IGF2BP2</i>	10.02	8.41	6.11	6.48	0.853901996	1.052289478	-0.130729	0	No
<i>MAP3K13</i>	13.16	18.72	22.89	25.19	1.392655367	1.096471233	0.359066	0	No
<i>ST6GAL1</i>	4.31	5.22	5.05	5.67	1.171374765	1.102139747	0.0922907	0	No
<i>VDAC1P1</i>	0.57	0.79	<0.1	NA	1.140127389	NA	0	NA	No
<i>FRY</i>	6.96	6.09	17.76	18.19	0.890703518	1.022864774	-0.0477739	0	No
<i>PICALM</i>	2.56	4.87	<0.1	NA	1.648876404	NA	0.639768	NA	No
<i>NSF</i>	101.45	100.86	87.30	81.70	0.994241093	0.936590394	0	-0.0977129	No
<i>GLI2</i>	13.8	14.04	21.20	25.35	1.016216216	1.186800369	0	0.00794915	No

<i>CLASP1</i>	14.88	13.16	14.12	12.79	0.891687657	0.91173896	-0.0504656	-0.188117	No
<i>MRPS34</i>	8.01	8.6	2.43	2.48	1.065482797	1.014062136	0	0	No
<i>NOTCH3</i>	1.62	2.22	1.45	1.51	1.229007634	1.024643426	0.0483852	0	No
<i>CLNS1A</i>	15.31	9.52	9.64	11.63	0.645003066	1.187363055	-0.544748	0.00820399	No
<i>PPP2R2C</i>	1.24	1.32	3.14	3.44	1.035714286	1.072844299	0	0	No
<i>TEAD2</i>	6.32	8	4.44	4.30	1.229508197	0.973365892	0.179937	-0.0630119	No
<i>EED</i>	6.76	8.94	9.29	9.76	1.280927835	1.046086077	0.225623	0	No
<i>TSG101</i>	6.3	6.29	13.24	14.32	0.998630137	1.075665461	0	0	No
<i>NCBP3</i>	11.15	12.09	60.01	67.77	1.077366255	1.127181113	0.00599582	0	No
<i>ATP2A3</i>	16.02	19.91	8.94	9.06	1.228554642	1.011727607	0.173239	0	No
<i>CA12</i>	29.23	36.35	<0.1	NA	1.235527622	NA	0.245017	NA	No
<i>MGLL</i>	0.39	0.21	0.17	0.30	0.870503597	1.109590403	-0.0484791	0	No
<i>NTN4</i>	0.17	1.62	0.17	0.34	2.239316239	1.145526874	2.46284	0	No
<i>BCS1L</i>	13.77	15.13	96.58	98.18	1.092078538	1.016431017	0.0349629	-0.104918	No
<i>NUAK1</i>	6.95	6.99	6.59	8.05	1.005031447	1.191997244	0	0.027801	No
<i>DPP8</i>	3.14	3.63	16.25	18.72	1.118357488	1.142981574	0	0	No
<i>SLC24A1</i>	33.23	24.24	15.20	14.27	0.737364885	0.942607673	-0.347886	-0.109009	No
<i>ZNF532</i>	114.02	86.03	74.95	74.93	0.756651017	0.999763145	-0.36593	-0.10338	No
<i>SCARF1</i>	0.6	0.57	<0.1	NA	0.98125	NA	0	NA	No
<i>LMAN1</i>	27.15	25.74	101.26	104.55	0.94991119	1.032151817	0	-0.0343261	No
<i>HACD3</i>	6.42	6.41	23.27	22.31	0.998652291	0.96061012	0	-0.046268	No
<i>ZZEF1</i>	3.23	2.25	2.98	4.72	0.768321513	1.436318043	-0.203534	0.317379	No
<i>ENO1</i>	2.13	2.24	6.55	6.66	1.03514377	1.014257259	0	0	No
<i>MYDGF</i>	1.16	2.66	4.10	3.44	1.694444444	0.870681373	0.956422	-0.19785	No
<i>ANO8</i>	1.31	1.28	1.90	2.33	0.987012987	1.147255584	0	0	No
<i>TUBE1</i>	6.25	7.16	8.80	9.98	1.125517241	1.120790823	0.0111537	0	No
<i>ARHGEF10L</i>	0.27	0.11	118.91	115.09	0.874015748	0.968140751	0	-0.17138	No
<i>KCNQ2</i>	0.69	0.62	42.15	43.73	0.958579882	1.036619284	0	-0.0238828	No
<i>ACTR6</i>	13.95	6.97	11.14	12.29	0.533110368	1.09504661	-0.848083	0	No
<i>TIPIN</i>	9.63	6.98	13.04	12.74	0.75070555	0.978592269	-0.341901	-0.11	No
<i>SRI</i>	0.8	0.59	<0.1	NA	0.883333333	NA	0	NA	No
<i>EIF4G3</i>	0.83	1.01	<0.1	NA	1.098360656	NA	0	NA	No
<i>NUP37</i>	12.03	7.57	16.73	16.83	0.65771297	1.00583364	-0.483781	-0.0312687	No
<i>SEMA3A</i>	10.94	12.62	9.09	9.40	1.140703518	1.031200342	0.0957027	0	No
<i>GTSE1</i>	13.44	18.38	25.74	24.11	1.342105263	0.939054947	0.35275	-0.127937	No
<i>SEMA3C</i>	1.04	1.1	1.51	1.82	1.029411765	1.123396181	0	0	No
<i>TTC38</i>	0.38	0.31	<0.1	NA	0.949275362	NA	0	NA	No
<i>ACAT1</i>	10.05	12.33	0.37	0.56	1.206334842	1.136729875	0.179751	0.189647	No

GRAMD4	4.07	5.79	9.67	10.97	1.339250493	1.122183574	0.340163	0	No
CELSR1	8.04	12.02	7.94	8.88	1.440265487	1.104624497	0.361153	0	No
ZNF638	3.68	3.16	6.64	7.92	0.888888889	1.167151987	0	0	No
SLC25A40	1.37	3.36	4.08	6.76	1.839662447	1.52825263	0.649898	0.165323	No
TIMM21	2.09	3.2	5.91	8.75	1.359223301	1.410366432	0.468487	0.266141	No
ADD2	0.83	1.56	<0.1	NA	1.398907104	NA	0.63072	NA	No
RASAL2	6.04	6.3	0.56	0.92	1.036931818	1.22903025	0	0	No
VPS9D1	10.44	14.35	4.84	4.94	1.341783217	1.017520496	0.330065	0	No
ZNF37A	10.67	9.52	17.05	17.73	0.901456727	1.03772206	-0.007422	-0.0049468	No
MARK3	2.33	1.15	73.56	71.02	0.645645646	0.965867751	-0.685344	-0.165252	No
SLC25A3	10.4	12.48	5.01	4.60	1.18245614	0.931849893	0.138081	-0.10199	No
FNDC3B	6.67	4.24	12.27	12.22	0.683181226	0.99588662	-0.409596	0	No
FOSL2	1.29	1.97	<0.1	NA	1.296943231	NA	0.367173	NA	No
CACNG4	3.43	5.44	37.54	33.56	1.453724605	0.896630996	0.422633	-0.232897	No
FRYL	1.83	2.62	<0.1	NA	1.279151943	NA	0.248733	NA	No
TMEM131	0.85	1.8	<0.1	NA	1.513513514	NA	0.630305	NA	No
FSCN1	23	19.44	9.37	10.65	0.851666667	1.123840259	-0.106195	0	No
ACTB	0.92	1.41	3.77	4.85	1.255208333	1.226694353	0.28455	0.0384021	No
MOCOS	1.81	2.98	48.75	41.60	1.416370107	0.856355268	0.452464	-0.257038	No
PLD1	2.38	2.81	8.83	10.16	1.127218935	1.134997599	0.0559133	0	No
WDR62	9.58	17.54	2.03	2.22	1.752362949	1.06272773	0.743649	0	No
DLG1	34.79	30.21	<0.1	NA	0.872031294	NA	-0.107683	NA	No
RAB7A	7.59	12.33	6.45	6.94	1.551804424	1.066268622	0.578546	0	No
BCAP29	28.16	33.05	36.86	32.82	1.167695473	0.89320792	0.149165	-0.274472	No
SEC31B	1.92	1.56	5.65	6.73	0.876712329	1.162834097	0	0	No
SART3	4.46	4.7	23.57	25.93	1.043956044	1.096229166	0	0	No
EXOSC7	0.16	0.78	5.00	4.81	1.534482759	0.968001548	1.76035	-0.0729031	No
KIFAP3	28.78	25.61	251.31	211.68	0.89355272	0.842934684	-0.0906728	0	No
MKRN2	6.97	8.22	32.58	33.95	1.156838143	1.040737127	0.122046	0	No
MCM6	2.44	4.41	5.48	4.75	1.572674419	0.886938443	0.632567	-0.233017	No
REXO2	18.38	11.95	11.16	12.41	0.668214654	1.102588528	-0.489718	0	No
RBM7	90.33	71.59	64.11	70.04	0.79481003	1.091075432	-0.258349	0	No
RBMS2	10.92	12.54	0.36	0.45	1.13590604	1.065543772	0.0826883	0	No
BAZ2A	3.02	5.09	3.80	5.12	1.514925373	1.275924366	0.573633	0.198811	No
PTPN23	2.05	2.42	15.41	17.50	1.121311475	1.127375711	0	0	No
MLH1	4.74	10.98	4.74	4.14	2.087108014	0.895167655	0.947062	-0.0780944	No
UNG	10.03	9.85	10.43	10.18	0.98368087	0.978364074	0	-0.0297677	No
FMO4	65.74	60.32	21.64	21.93	0.918789332	1.012813389	-0.0313732	0	No

<i>KLHL20</i>	0.21	0.4	0.18	0.16	1.157024793	0.982068958	0.16338	0	No
<i>RGS11</i>	13.81	12.44	72.95	70.90	0.907494936	0.97225309	0	-0.140596	No
<i>SLC46A1</i>	0.17	0.62	52.33	55.88	1.384615385	1.066622226	1.06306	0	No
<i>PLXNA2</i>	18.19	15.85	8.52	9.10	0.87806149	1.060808424	-0.083703	0	No
<i>SPAG5</i>	6.13	6.5	6.13	6.68	1.051893408	1.077306059	0	0	No
<i>ANKRD13A</i>	21.68	31.1	1.31	1.90	1.415343915	1.256501984	0.409954	0.141372	No
<i>TPD52</i>	5.43	8.32	8.24	8.10	1.449455677	0.985224023	0.439141	-0.0515787	No
<i>ACACB</i>	15.25	17.33	7.70	6.70	1.128	0.885149985	0	-0.123581	No
<i>TRAF4</i>	0.22	0.29	5.19	4.68	1.057377049	0.917522495	0	-0.0713406	No
<i>PAG1</i>	5.19	5.33	5.09	5.21	1.022617124	1.019276589	0	0	No
<i>GPATCH1</i>	5.75	7.78	10.58	10.28	1.300740741	0.974307165	0.289883	-0.0873879	No
<i>NT5C2</i>	2.02	6.75	1.65	1.76	2.566225166	1.041951814	1.32782	0	No
<i>MCAM</i>	21.18	22.19	42.12	45.40	1.045536519	1.076033478	0	-0.0204982	No
<i>GPC4</i>	37.77	79.65	19.07	19.15	2.080216662	1.003845405	0.967425	0	No
<i>MBNL3</i>	10.78	13.35	20.59	19.60	1.218166384	0.954265087	0.200036	-0.0818263	No
<i>CAMSAP3</i>	10.22	10.35	9.69	9.70	1.011586453	1.001396476	0	0	No
<i>RAP1GAP</i>	0.58	0.92	7.69	8.46	1.215189873	1.088981766	0.238282	0	No
<i>XAB2</i>	0.89	1.09	119.55	109.99	1.105820106	0.920727203	0.0102626	-0.223822	No
<i>ARHGEF1</i>	75.87	75.49	12.27	10.78	0.995056589	0.887503597	0	-0.210355	No
<i>STXBP2</i>	10.04	9.65	19.66	15.29	0.964673913	0.788408097	0	-0.384857	No
<i>MAP2K7</i>	0.27	0.5	1.05	1.16	1.181102362	1.054879069	0.413675	0	No
<i>DGKD</i>	6.86	3.37	2.22	2.77	0.555979644	1.170272321	-0.805568	0	No
<i>TOP2B</i>	2.43	1.75	4.53	4.59	0.801749271	1.010460602	-0.057482	0	No
<i>TM9SF3</i>	1.62	2.16	3.85	4.67	1.20610687	1.168388236	0.150539	0	No
<i>NFKB2</i>	15.3	13.15	22.06	21.51	0.86809816	0.976111484	-0.0866761	-0.0725484	No
<i>UBE2T</i>	2.31	10.28	1.47	3.13	3.407854985	1.672443489	1.7989	0.479071	No
<i>PPP1R12B</i>	3.3	3.52	6.87	6.92	1.051162791	1.006756043	0	0	No
<i>DNAJC10</i>	2.56	2.26	3.37	3.71	0.915730337	1.077970144	0	0	No
<i>GTF3C1</i>	0.15	0.77	6.54	8.46	1.539130435	1.255143868	1.67038	0.159153	No
<i>IL4R</i>	6.29	11.66	71.04	77.88	1.736625514	1.094915477	0.765718	0	No
<i>USP33</i>	6.13	5.45	12.41	13.13	0.904628331	1.05390565	-0.0231366	0	No
<i>SNRPA</i>	2.71	3.12	4.08	3.57	1.110512129	0.899134656	0	0	No
<i>EXOSC5</i>	10.47	9.07	1.41	1.61	0.877942459	1.084462061	-0.0745067	0	No
<i>DYNC1I2</i>	5.86	6.33	18.13	20.22	1.06851312	1.109231722	0	0	No
<i>LRCH4</i>	13.87	10.74	10.79	11.73	0.789509079	1.079464387	-0.25073	0	No
<i>FAM76B</i>	0.19	2.14	0.64	1.37	2.638655462	1.444186127	2.92029	0.603135	No
<i>SIRT6</i>	1.51	1.26	5.34	5.96	0.900398406	1.097254686	0	0	No
<i>POLD3</i>	12.29	15.38	21.89	23.73	1.232505643	1.080217163	0.172905	0	No

ACTN2	8.6	10.26	17.77	20.48	1.172916667	1.144622848	0.131094	0.0198692	No
CAPZB	41.04	48.74	44.05	46.57	1.183158896	1.055925568	0.137685	0	No
GPR137B	0.17	0.11	<0.1	NA	0.948717949	NA	0	NA	No
JADE1	2.85	3.87	8.28	11.13	1.264935065	1.307298704	0.211208	0.17268	No
SLC25A43	1.97	2.81	0.78	1.23	1.282828283	1.251798148	0.281172	0.252374	No
UBE2A	3.72	9.17	14.01	15.87	2.154661017	1.124064538	0.943931	0	No
FGFR1	95.1	79.98	<0.1	NA	0.842663892	NA	-0.189819	NA	No
SMC1B	12.51	11.14	30.69	30.43	0.898593634	0.991682426	-0.0502394	-0.0773777	No
FBLN1	1.46	3.06	5.60	6.27	1.650406504	1.101226617	0.786039	0	No
PIAS2	6.46	5.55	<0.1	NA	0.878016086	NA	-0.0320136	NA	No
ARAF	21.52	16.96	50.17	43.17	0.797513321	0.863280383	-0.248764	-0.27908	No
MCCC1	0.56	0.49	2.81	3.22	0.955128205	1.107766037	0	0	No
LAMP3	4.38	5.66	5.40	5.94	1.237918216	1.083913981	0.158537	0	No
NEBL	1.72	3.29	9.54	9.97	1.577205882	1.041153507	0.692192	0	No
ACER3	5.36	7	18.83	18.07	1.257861635	0.961888577	0.189327	-0.0987693	No
UBE2K	13.77	14.39	25.33	25.67	1.04197698	1.013001246	0	-0.0721108	No
PIK3C3	8.27	5.17	3.91	4.97	0.665587918	1.216755507	-0.513902	0.0632712	No
N4BP2	2.31	3.01	8.78	9.37	1.211480363	1.06020763	0.178075	0	No
TIGAR	8.5	15.98	16.48	16.23	1.787368421	0.985509755	0.785011	-0.07454	No
TULP3	4.13	4.79	21.19	20.44	1.128654971	0.966094599	0.056365	-0.139236	No
SYNJ2	2.72	3.68	14.79	16.16	1.258064516	1.086657032	0.248536	0	No
PPP2R5C	2.83	3.28	2.91	3.17	1.117493473	1.06756596	0.00851619	0	No
PMS2P1	3.25	4.18	17.13	17.25	1.218823529	1.006394812	0.147192	-0.0652939	No
GNB1	46.58	44.63	29.98	27.92	0.959016393	0.933610505	0	-0.0998404	No
HOXA9	1.93	2.32	1.50	2.31	1.133105802	1.323189026	0	0.0235966	No
EDN1	4.6	7.86	10.03	10.75	1.582142857	1.06525521	0.583035	0	No
MLLT10	4.59	7.26	2.49	2.72	1.47763864	1.064991336	0.387938	0	No
ZCWPW1	32.87	25.99	34.22	37.43	0.796870387	1.091073561	-0.221748	0	No
NRDC	1.53	1.05	3.38	3.57	0.81027668	1.043885937	-0.250407	0	No
VDAC3	15.75	27.55	35.65	40.83	1.704477612	1.14139548	0.667495	0	No
PCM1	19.44	20.11	19.28	23.24	1.032778865	1.195023915	0	0.0647889	No
TNRC6C	6.62	7.63	17.45	16.42	1.132545932	0.9441657	0	-0.0515065	No
CBFA2T2	0.59	0.5	0.70	1.16	0.943396226	1.271626375	0	0.0914743	No
ITCH	7.39	5.82	53.50	46.55	0.812872467	0.872495337	-0.17069	-0.275934	No
TP53INP2	8.84	13.78	<0.1	NA	1.50203252	NA	0.460514	NA	No
SDF4	51.9	85.59	20.18	27.34	1.636862004	1.338197238	0.66416	0.212693	No
MYH7B	9.05	11.37	16.30	17.04	1.230845771	1.043055586	0.195648	0	No
TP73	4.85	5.37	6.28	7.07	1.088888889	1.108659359	0	0	No

<i>TOLLIP</i>	3.02	3.45	9.65	10.22	1.106965174	1.053711258	0.0132768	0	No
<i>UBE2D4</i>	3.26	3.13	5.14	5.67	0.969483568	1.085711241	0	0	No
<i>THOC1</i>	0.48	1.84	3.46	4.24	1.918918919	1.174732225	1.34519	0	No
<i>FKBP7</i>	14.22	13.5	7.92	10.61	0.952693824	1.301356679	0	0	No
<i>SLC1A3</i>	67.61	81.11	29.47	29.31	1.19676432	0.994840811	0.144322	0	No
<i>XRCC5</i>	42.3	65.66	94.86	106.83	1.539491917	1.12482715	0.569016	0	No
<i>LXN</i>	2.66	2.9	5.18	5.07	1.06557377	0.982823112	0	0	No
<i>MKNK1</i>	2.23	3.2	4.47	5.55	1.300309598	1.19729798	0.279305	0	No
<i>TNS1</i>	14.82	15.59	17.91	19.65	1.048672566	1.092151515	0	0	No
<i>REXO1</i>	7.77	6.88	12.51	11.56	0.898517674	0.929909046	0	0	No
<i>SAR1A</i>	0.15	1.24	<0.1	NA	1.947826087	NA	1.43646	NA	No
<i>CDC14A</i>	6.12	8.26	7.46	7.19	1.300561798	0.96806003	0.177814	0	No
<i>RAPGEF3</i>	8.23	7.77	12.01	14.60	0.950162514	1.198862362	0	0	No
<i>CEACAM1</i>	1.81	2.73	2.77	3.48	1.327402135	1.187102441	0.409253	0.0345037	No
<i>SENP1</i>	22.82	24.16	35.42	38.86	1.056255248	1.094383907	0	0	No
<i>DUSP13</i>	24.61	25.57	41.09	39.45	1.037485357	0.961076462	0	-0.107596	No
<i>CIC</i>	17.85	18.24	11.30	11.12	1.020689655	0.984996355	0	-0.133606	No
<i>LIPE</i>	2.46	3.1	6.34	6.56	1.184971098	1.029600793	0.146816	-0.000697	No
<i>FDFT1</i>	5.74	5.86	<0.1	NA	1.017804154	NA	0	NA	No
<i>PAFAH1B3</i>	0.4	0.27	<0.1	NA	0.907142857	NA	-0.0976662	NA	No
<i>OPHN1</i>	0.52	0.76	1.88	2.50	1.157894737	1.213979165	0.203412	0.0687852	No
<i>KIF22</i>	20.75	25.62	<0.1	NA	1.223908046	NA	0.215991	NA	No
<i>CARMIL1</i>	3.81	6.36	3.26	4.00	1.53014553	1.174580779	0.55784	0.0106396	No
<i>PGM1</i>	0.2	3.18	<0.1	NA	3.483333333	NA	3.04069	NA	No
<i>DDX1</i>	9.95	11.54	53.89	63.69	1.145205479	1.178501274	0.0560666	0	No
<i>DNM2</i>	1.26	2.18	0.79	0.90	1.407079646	1.062634077	0.546143	0	No
<i>EPB41L2</i>	7.39	13.44	24.63	22.70	1.721096544	0.924882052	0.700917	-0.110289	No
<i>STX7</i>	1.97	1.22	11.72	12.73	0.747474747	1.079195175	-0.395382	0	No
<i>RABL2B</i>	6.99	7.06	<0.1	NA	1.008760951	NA	0	NA	No
<i>KEAP1</i>	3.04	5.05	5.77	6.03	1.497524752	1.038266465	0.4816	0	No
<i>PTPRH</i>	12.79	7.58	4.63	3.34	0.622189993	0.77106358	-0.553426	-0.288984	No
<i>SLC35C2</i>	8.92	13.54	25.89	28.88	1.465725806	1.111099671	0.400108	0	No
<i>CRYBG3</i>	1.75	1.88	7.50	7.91	1.047272727	1.048605466	0	0	No
<i>RFX3</i>	1.6	1.32	0.10	0.12	0.892307692	1.021386951	0	0	No
<i>RIF1</i>	15.31	15.25	145.84	166.91	0.996321275	1.143481236	0	0	No
<i>RAB21</i>	15.44	22.47	13.49	16.03	1.427615572	1.17503832	0.42379	0.00855197	No
<i>SMARCA2</i>	13.88	14.57	3.79	3.84	1.046370968	1.009937307	0	0	No
<i>SESN1</i>	5.28	6.57	6.72	6.32	1.205414013	0.947554502	0.0914789	0	No

<i>MID2</i>	3.5	3.81	9.96	8.57	1.068888889	0.873098095	0	-0.200137	No
<i>COL5A3</i>	4.3	6.46	4.54	6.31	1.40754717	1.319454366	0.374044	0.0810756	No
<i>SRCAP</i>	0.45	0.44	1.74	1.87	0.993103448	1.04732424	0	0	No
<i>PUM3</i>	0.7	1.04	7.57	8.05	1.2	1.055632978	0.273631	0	No
<i>CHRNA3</i>	18.19	19.8	9.53	7.35	1.083897863	0.792608866	0	-0.284615	No
<i>CNOT4</i>	157.84	144.3	253.60	261.26	0.914756988	1.030087988	-0.0719039	-0.0683835	No
<i>PSEN1</i>	85.1	88.67	154.38	155.13	1.041463415	1.004798304	0	-0.0602505	No
<i>CPOX</i>	6.45	13.09	<0.1	NA	1.891275168	NA	0.828271	NA	No
<i>CLDND1</i>	3.88	5.7	2.61	3.55	1.37295082	1.259715558	0.376536	0.0584695	No
<i>MOK</i>	16.51	21.21	12.71	13.63	1.268418047	1.067372707	0.280878	0	No
<i>HSP90AA1</i>	3.79	2.87	20.36	18.06	0.807933194	0.892422445	-0.0643021	-0.213856	No
<i>RBL1</i>	1.89	2.37	41.01	41.88	1.166089965	1.020782364	0.0310013	-0.0304469	No
<i>DLGAP4</i>	13.78	8.91	7.23	7.94	0.670500677	1.085936415	-0.49456	0	No
<i>NDC80</i>	65	65.78	34.03	34.49	1.011818182	1.013042297	0	-0.0178609	No
<i>AP4E1</i>	3.13	4.09	6.73	7.22	1.232445521	1.063942975	0.186048	0	No
<i>RSBN1</i>	0.98	1.02	4.71	5.67	1.02020202	1.167622625	0	0.0616544	No
<i>MAGI3</i>	14.4	21	4.30	4.72	1.428571429	1.078635727	0.436978	0	No
<i>CXCL2</i>	3.95	3.97	2.51	2.05	1.004040404	0.867636699	0	-0.151448	No
<i>TCF7</i>	5.61	10.42	6.51	7.32	1.727685325	1.107471876	0.715418	0	No
<i>OSTM1</i>	3.73	3.32	11.31	12.86	0.913319239	1.125630501	0	0	No
<i>PCNP</i>	1.44	1.74	6.25	6.88	1.12295082	1.08703039	0.00688506	0	No
<i>EXD2</i>	3.79	2.86	4.82	5.31	0.805845511	1.083959539	-0.148864	0	No
<i>ARG2</i>	8.05	11.96	13.97	15.20	1.432044199	1.082191856	0.413759	0	No
<i>PKP1</i>	12.11	15.89	39.42	41.14	1.288329519	1.042484026	0.270552	0	No
<i>UBA5</i>	0.54	1.1	1.09	1.19	1.363636364	1.045566655	0.604563	0	No
<i>STK17B</i>	0.65	0.85	0.19	0.18	1.121212121	0.991352117	0.0198317	0	No
<i>CDC14B</i>	10.77	12.37	32.49	34.81	1.135938828	1.069312962	0.107903	0	No
<i>ZNF510</i>	0.82	0.2	0.54	0.52	0.659340659	0.989409681	-1.35048	0	No
<i>ZNF506</i>	2.38	2.53	3.29	3.40	1.044378698	1.026485292	0	0	No
<i>JMJD4</i>	3.51	3.19	4.71	4.23	0.929046563	0.915637723	0	0	No
<i>DUSP12</i>	1.48	3.67	2.88	3.10	1.883064516	1.057255673	0.983654	0	No
<i>AACS</i>	2.59	2.6	2.53	3.00	1.002785515	1.134527404	0	0	No
<i>DELE1</i>	4.28	2.67	0.44	0.38	0.695075758	0.959411828	-0.422311	0	No
<i>HSPB11</i>	3.24	3.51	2.33	2.56	1.063679245	1.069789458	0	0	No
<i>PHLPP1</i>	14.59	13.15	28.46	25.61	0.907633098	0.903174559	-0.0727618	-0.211706	No
<i>ATP8B1</i>	6.13	10.2	10.84	11.55	1.570827489	1.059741969	0.549718	0	No
<i>SMARCD3</i>	5.23	6.47	2.21	2.07	1.199036918	0.956749806	0.117723	0	No
<i>WDR70</i>	3.06	2.88	10.56	8.80	0.955665025	0.848180823	0	-0.212682	No

<i>FYB1</i>	27.35	27.56	22.19	21.92	1.007407407	0.988492838	0	-0.0588497	No
<i>STRADB</i>	16.68	16.83	43.34	43.90	1.008484163	1.012534324	0	0	No
<i>BZW1</i>	0.49	0.22	<0.1	NA	0.818791946	NA	-0.587767	NA	No
<i>C1QTNF3</i>	3.63	6.7	5.99	7.80	1.663066955	1.258932258	0.666227	0.129346	No
<i>ME2</i>	1.2	1.53	4.89	4.85	1.15	0.993483348	0	-0.0165866	No
<i>C5orf22</i>	1.02	1.63	1.20	1.44	1.301980198	1.108118114	0.379121	0	No
<i>CCNT2</i>	37.35	38.4	34.42	37.28	1.0273794	1.080863421	0	0	No
<i>FAM135A</i>	2.41	2.9	8.47	9.60	1.143695015	1.119765483	0.0941972	0	No
<i>COBLL1</i>	1.73	2.07	2.01	2.26	1.124542125	1.08302615	0.0817852	0	No
<i>DLG3</i>	43.77	44.81	47.02	41.63	1.023229841	0.887770377	0	-0.272534	No
<i>SERTAD4</i>	2.04	2.12	9.01	9.87	1.026315789	1.085532289	0	0	No
<i>TRAF5</i>	2.61	9.05	1310.72	1269.00	2.783933518	0.968198218	1.52755	-0.145378	No
<i>MRPL22</i>	0.53	0.4	2.66	2.63	0.91503268	0.992349254	0	0	No
<i>GEMIN5</i>	7.15	7.7	7.59	8.33	1.067484663	1.08670612	0	0	No
<i>NFE2L1</i>	32	37.61	9.77	10.64	1.17	1.080650385	0.120221	0	No
<i>GSK3B</i>	5.99	7.18	1.10	0.98	1.170243205	0.943341684	0.109848	0	No
<i>ITGB5</i>	4.56	4.9	<0.1	NA	1.061151079	NA	0	NA	No
<i>ERC1</i>	47.33	40.05	23.07	25.22	0.849368922	1.089330222	-0.162157	0	No
<i>XPO1</i>	27.39	36.76	36.90	41.21	1.330045791	1.113718364	0.292571	0	No
<i>RNF13</i>	0.84	0.76	9.09	8.75	0.956521739	0.966666542	0	-0.0900964	No
<i>PALB2</i>	45.79	101.79	217.29	209.23	2.196836931	0.963073691	1.09845	-0.141113	No
<i>DOP1A</i>	0.73	1.24	2.60	2.50	1.294797688	0.971019832	0.563099	-0.0614683	No
<i>LYRM2</i>	0.14	0.03	0.43	0.41	0.903508772	0.983137135	0	-0.0699188	No
<i>BCKDHB</i>	0.7	0.59	3.78	2.97	0.935294118	0.829931565	0	-0.226931	No
<i>KAT6A</i>	21.19	21.7	66.52	71.91	1.022983326	1.079815789	0	0	No
<i>TUT7</i>	0.65	0.72	4.14	4.08	1.042424242	0.987855982	0	0	No
<i>ULK2</i>	7.14	5.98	11.00	12.88	0.857493857	1.156424692	-0.0502379	0	No
<i>GRHL2</i>	10.93	11.89	0.42	0.56	1.080469405	1.096004342	0	0.0134906	No
<i>TNPO1</i>	13.21	13.05	11.71	9.23	0.988740324	0.804931211	0	-0.366712	No
<i>PLOD1</i>	11.14	12.28	3.57	3.73	1.093904448	1.034937959	0.0104454	-0.0050937	No
<i>P2RX5</i>	19.37	35.84	10.97	12.16	1.808541973	1.099435261	0.800721	0	No
<i>ITGAE</i>	9.72	6.46	22.66	21.75	0.695895522	0.961727005	-0.429119	-0.181265	No
<i>DIS3</i>	0.88	3.73	0.17	0.18	2.515957447	1.011607644	1.7555	0	No
<i>PIBF1</i>	10.45	11.97	17.05	17.59	1.132751092	1.029755414	0.0863031	0	No
<i>TDRD3</i>	2.08	1.44	17.81	14.07	0.792207792	0.80122928	-0.0893029	-0.40442	No
<i>NUFIP1</i>	19.06	31.55	3.96	5.80	1.622632104	1.37166761	0.653472	0.119492	No
<i>PDS5B</i>	6.19	4.68	12.69	13.89	0.789986092	1.087442084	-0.185195	0	No
<i>OXCT1</i>	67.59	29.94	24.05	23.70	0.451086164	0.985839838	-1.09922	-0.0211508	No

<i>RRAGB</i>	28.23	38.57	94.25	94.30	1.353746151	1.000480607	0.346617	-0.072725	No
<i>CYLD</i>	12.05	16.55	13.76	16.73	1.344827586	1.201446486	0.291213	0	No
<i>SLC27A5</i>	2.2	2.77	7.75	9.54	1.178125	1.20451941	0.105218	0.0313274	No
<i>ZNF324</i>	141.94	130.39	1381.39	1427.25	0.919196866	1.033175677	-0.0703242	-0.057968	No
<i>ZNF671</i>	34.61	31.79	51.31	46.98	0.920808762	0.917146546	-0.0202989	-0.14688	No
<i>ZNF416</i>	12.6	10.7	49.28	42.67	0.860294118	0.86851692	-0.135909	-0.200623	No
<i>ZNF586</i>	1.42	1.82	6.01	6.90	1.165289256	1.126890215	0.0904943	0	No
<i>ZNF446</i>	1.35	1.73	0.42	0.46	1.161702128	1.02500344	0.0998147	0	No
<i>ZNF264</i>	72.9	51.59	<0.1	NA	0.711637348	NA	-0.417211	NA	No
<i>RPS5</i>	11.55	12.55	13.78	15.57	1.079681275	1.121035461	0	0	No
<i>FAT1</i>	4.84	5.94	20.12	19.00	1.188356164	0.947177242	0.133604	-0.0976618	No
<i>YTHDC1</i>	0.6	1.23	1.73	2.37	1.39375	1.2360916	0.671711	0.127036	No
<i>CHMP2B</i>	95.33	36.9	16.41	15.80	0.393439219	0.965226333	-1.28031	-0.0276679	No
<i>SMAP2</i>	3.65	4.6	12.58	12.49	1.204301075	0.993638161	0.173877	-0.0396612	No
<i>PPIE</i>	0.22	0.48	9.80	9.37	1.213114754	0.959747999	0.266498	-0.0745996	No
<i>ZMPSTE24</i>	1.85	1.33	8.90	9.30	0.81754386	1.040804839	-0.215823	0	No
<i>STARD7</i>	36.83	30.31	35.61	30.04	0.827650013	0.847792299	-0.138525	-0.239754	No
<i>NOA1</i>	10.81	16.57	30.51	31.99	1.487722269	1.046994677	0.426069	0	No
<i>REST</i>	0.36	53	0.99	1.21	39.70588235	1.11133405	5.87282	0	No
<i>SSH1</i>	3.85	5.25	27.93	27.05	1.288659794	0.969501449	0.114864	0	No
<i>APLP2</i>	0.26	0.2	0.52	0.65	0.952380952	1.085291295	0	0	No
<i>FAM234B</i>	0.36	0.28	0.67	0.81	0.941176471	1.081586168	0	0	No
<i>WBP11</i>	19.04	20.75	0.36	0.55	1.085329341	1.138933995	0.0603431	0	No
<i>EIF3I</i>	1.56	2.03	8.11	9.62	1.18359375	1.165539136	0.151162	0	No
<i>COL16A1</i>	1.75	1.76	9.13	10.25	1.003636364	1.110873657	0	0	No
<i>TXLNA</i>	1.1	0.79	14.43	10.00	0.852380952	0.712993216	0	-0.573709	No
<i>NCOA1</i>	12.55	14.13	35.34	32.92	1.116605166	0.933460095	0.0104306	-0.0849247	No
<i>AGBL5</i>	17.7	17.39	43.11	43.01	0.98342246	0.997672251	0	-0.0786061	No
<i>KIF3C</i>	73.92	67.28	67.83	72.70	0.91137213	1.070721998	-0.0329217	-0.0236991	No
<i>RAB10</i>	5.47	5.04	<0.1	NA	0.933539413	NA	0	NA	No
<i>HADHA</i>	0.48	0.59	5.48	6.03	1.074324324	1.085628811	0	0	No
<i>MAPRE3</i>	3.12	4.19	11.79	12.67	1.259708738	1.069046007	0.248133	0	No
<i>CAD</i>	2.86	5.76	5.31	4.95	1.751295337	0.942841534	0.722924	-0.0432831	No
<i>CD59</i>	2.73	4.04	11.41	14.89	1.351206434	1.280758018	0.302688	0.0394255	No
<i>CD82</i>	1.75	1.96	0.58	0.50	1.076363636	0.951343663	0	0	No
<i>BCORL1</i>	2.33	3.35	2.01	2.44	1.306306306	1.142267075	0.369555	0.0172383	No
<i>ATRX</i>	1.56	2	5.35	3.85	1.171875	0.763889717	0	-0.375985	No
<i>AK6</i>	6.16	3.36	11.78	9.27	0.608938547	0.803631219	-0.647561	-0.425251	No

MYNN	1.33	1.49	<0.1	NA	1.068669528	NA	0	NA	No
MECOM	0.47	0.54	1.57	2.05	1.047619048	1.188360117	0	0	No
SCAMP1	16.33	16.82	0.29	0.44	1.028274668	1.116762147	0	0	No
PREP	7.25	6.31	7.09	7.91	0.886060606	1.1008904	-0.0505511	0	No
HACE1	7.66	7.26	25.46	24.16	0.953810624	0.950758908	0	-0.103048	No
SEH1L	5.03	3.86	6.47	8.85	0.805970149	1.318022625	-0.180199	0.137583	No
WDR47	19.12	25.64	60.77	64.01	1.324055666	1.052525241	0.293744	0	No
WDFY1	24.78	25.07	52.04	51.14	1.01124903	0.983069823	0	-0.0961811	No
OVGP1	19.93	22.29	32.30	27.96	1.112756808	0.86954936	0.0438802	-0.300229	No
SLC25A24	1.6	2.38	5.81	6.95	1.3	1.168009959	0.266074	0	No
MAP3K4	0.25	0.17	2.52	2.34	0.936	0.949614772	0	0	No
PILRA	7.31	12.12	7.86	8.71	1.578820698	1.096418367	0.57979	0	No
IGSF9	11.5	11.65	9.09	14.45	1.012	1.531560364	0	0.173461	No
ZNF213	7.54	11.22	10.38	11.11	1.430913349	1.064351744	0.453536	0	No
AKR1B1	2.35	3.29	3.94	4.28	1.280597015	1.069268664	0.341742	0	No
CPNE3	0.27	0.51	2.38	3.70	1.188976378	1.389313514	0.217527	0.157252	No
RRN3	0.23	0.06	0.39	0.64	0.861788618	1.178979186	0	0.214243	No
CTTN	10.2	12.78	17.09	18.04	1.230357143	1.052619078	0.202432	0	No
WNT11	18.7	11.7	31.05	31.34	0.644670051	1.009203315	-0.523719	0	No
MTIF2	6.77	7.7	<0.1	NA	1.11969112	NA	0	NA	No
DDHD2	19.56	18.6	55.26	54.33	0.953307393	0.983434357	0	-0.0931702	No
TTC39A	0.77	3.05	1.43	1.61	2.288135593	1.076086519	1.5279	0	No
EPS15	2.79	7.11	0.57	0.93	2.139841689	1.226896055	1.08927	0.0036257	No
ORC1	6.73	9.71	5.28	6.06	1.385510996	1.123607634	0.415417	0	No
MGST2	7	6.13	1.92	2.37	0.89125	1.153389541	-0.0370089	0	No
CHERP	3.12	2.37	4.85	6.06	0.817961165	1.206030042	-0.0414079	0	No
ATG16L1	6.03	4.54	2.02	2.14	0.788051209	1.039062129	-0.26572	0	No
USP40	1.66	0.44	<0.1	NA	0.541353383	NA	-0.912027	NA	No
POMGNT1	4.55	8.22	6.88	8.03	1.661261261	1.146561922	0.682302	0	No
RAD54L	11.61	11.32	<0.1	NA	0.977002379	NA	0	NA	No
MAST2	41.81	41.31	107.01	114.37	0.988320486	1.068098735	0	0	No
DNAJA1	0.75	0.91	0.80	1.09	1.091428571	1.163092212	0	0	No
B4GALT1	8.37	8.23	5.58	7.03	0.985058698	1.219956898	0	0	No
CHMP5	1.64	2.12	<0.1	NA	1.181818182	NA	0.0559719	NA	No
NFX1	25.86	35.51	24.97	27.54	1.35927029	1.09913633	0.321701	0	No
DIMT1	3.41	3.66	2.90	3.50	1.056689342	1.153538623	0	0	No
IPO11	4.27	4.84	3.80	4.21	1.108159393	1.086301999	0	0	No
EIF2AK1	9.09	10.15	8.48	8.77	1.105054509	1.03015787	0.0429976	0	No

EPDR1	163.69	183.91	<0.1	NA	1.122776125	NA	0.136045	NA	No
SNX10	3.29	3.56	2.66	2.52	1.062937063	0.96160303	0	0	No
SEPHS1	155.57	156.25	95.82	99.69	1.004343105	1.03992322	0	-0.0455915	No
MRPL28	2.59	2.84	10.90	11.74	1.069637883	1.070533071	0	0	No
ITPKC	0.98	2.4	0.70	1.33	1.717171717	1.370020155	1.00753	0.398654	No
CEACAM6	0.16	0.45	0.38	0.51	1.25	1.094497399	0.669285	0	No
FAT2	1.05	3.91	4.96	5.76	2.395121951	1.134958117	1.60726	0	No
RBM22	7.63	8.1	29.42	24.48	1.054461182	0.837644137	0	-0.286825	No
TMED2	18.07	22.6	21.24	19.58	1.237545884	0.925282836	0.242828	-0.197658	No
ERO1B	0.4	0.77	28.05	30.63	1.264285714	1.088783448	0.516637	0	No
ZFAND6	1.46	1.49	5.46	6.20	1.012195122	1.114824505	0	0	No
TXLNG	6.56	5.98	6.65	8.64	0.923280423	1.259720762	0	0.0409236	No
LAT2	9.12	9.9	26.01	25.92	1.077075099	0.996760495	0	-0.038229	No
HUWE1	9.98	7.06	18.34	17.56	0.734061931	0.959814593	-0.368097	-0.130913	No
ZW10	4.29	3.93	13.70	14.97	0.93194707	1.08633946	0	0	No
ALG9	5.55	15.95	1.52	2.90	2.58778626	1.545823588	1.36076	0.421463	No
ACOX3	24.42	15.09	28.04	27.33	0.632966168	0.975579481	-0.563871	-0.0549234	No
MTMR2	2.67	2.91	20.82	19.68	1.065395095	0.947736799	0	-0.180666	No
PPP1R15A	2.68	2.35	8.17	8.29	0.910326087	1.01360768	0	0	No
TRIP6	5.93	8.25	1.91	1.89	1.334776335	0.994399144	0.309439	0	No
ACHE	2.23	3.1	2.43	3.02	1.269349845	1.172916298	0.204889	0	No
FTL	6.22	7.38	2.63	2.74	1.16066482	1.030641115	0	0	No
SRRT	0.41	0.5	0.43	0.38	1.063829787	0.962886816	0	0	No
BAX	3.02	2.44	21.79	21.34	0.855721393	0.980306433	-0.0170131	0	No
NLK	45.81	39.13	29.38	25.67	0.85729545	0.878033239	-0.169665	-0.20799	No
PIGS	1.74	2.87	<0.1	NA	1.412408759	NA	0.322206	NA	No
ADAMTS2	15.66	18.16	27.59	23.25	1.150060024	0.848196675	0.149907	-0.31873	No
ATXN7L3	6.78	7.68	29.31	33.28	1.115681234	1.131136454	0.0138689	0	No
PGS1	12.08	18.39	50.22	45.54	1.482415902	0.908618894	0.433367	-0.181773	No
PSMC5	4.28	4.95	5.01	4.79	1.126893939	0.963444447	0	0	No
UIMC1	19.19	19.56	1.34	1.80	1.018325904	1.197080964	0	0	No
MMP2	12.79	13.24	42.10	44.71	1.032632342	1.060618035	0	0	No
LPCAT2	1.87	3.07	4.05	4.54	1.418118467	1.096976149	0.498195	0	No
GNAO1	6.54	3.07	55.29	57.64	0.539787798	1.041781031	-0.659316	-0.0292128	No
OGFOD1	7.32	8.62	24.25	25.65	1.15625	1.05552691	0.0895006	0	No
SH3BP2	0.59	1.83	10.81	10.13	1.779874214	0.942218942	1.29048	-0.145745	No
NOP14	12.57	10.53	10.57	11.06	0.849668386	1.042525646	-0.152977	0	No
ADD1	0.21	0.11	1.09	1.03	0.917355372	0.973526733	0	0	No

<i>L2HGDH</i>	3.89	5.55	7.82	7.85	1.339468303	1.003409729	0.177365	0	No
<i>TXNDC16</i>	7.31	7.65	0.27	0.51	1.040914561	1.186874808	0	0.208968	No
<i>RTRAF</i>	24.26	28.53	45.50	48.31	1.169041964	1.060434133	0.0792553	0	No
<i>GMCL1</i>	5.27	2.78	14.09	14.68	0.602870813	1.038786653	-0.741691	0	No
<i>SF3B2</i>	30.42	28.76	18.26	18.01	0.947167409	0.98689857	-0.0215717	-0.0661993	No
<i>KLHL42</i>	2.04	1.57	2.79	3.48	0.845394737	1.183156016	-0.17203	0.0565446	No
<i>GNAS</i>	120.44	112.58	0.11	0.19	0.93527668	1.072435466	-0.0561388	0	No
<i>DNM1L</i>	8.47	10.63	13.83	14.06	1.228088701	1.015234128	0.186096	-0.0664033	No
<i>ERGIC2</i>	0.88	1.03	18.46	20.28	1.079787234	1.093498027	0	0	No
<i>TFAP2C</i>	0.36	1.25	<0.1	NA	1.654411765	NA	1.05538	NA	No
<i>AURKA</i>	23.52	22.05	71.41	66.29	0.94004894	0.929306698	-0.0022374	-0.21251	No
<i>PIR</i>	0.2	2.26	8.37	5.99	2.716666667	0.745829277	2.53513	-0.420819	No
<i>AAMDC</i>	32.56	24.74	68.84	65.87	0.766984505	0.957518153	-0.268188	-0.0702195	No
<i>RFX2</i>	6.69	7.01	8.54	10.06	1.041612484	1.15943101	0	0	No
<i>METTL2A</i>	3.54	5.1	15.36	15.92	1.343612335	1.034404138	0.327078	0	No
<i>SULT2B1</i>	19.16	23.31	23.60	27.62	1.205853175	1.163391708	0.191797	0	No
<i>ALG6</i>	1.32	2.28	3.15	4.01	1.413793103	1.206942812	0.523054	0.016537	No
<i>CNOT3</i>	38.64	43.91	147.58	145.83	1.132946519	0.988209818	0.107433	-0.13014	No
<i>PTPN4</i>	50.14	32.09	143.23	133.22	0.647047321	0.930586852	-0.57274	-0.199351	No
<i>DDX18</i>	0.28	0.3	0.30	0.38	1.015625	1.062833171	0	0	No
<i>KHSRP</i>	2.14	2.83	<0.1	NA	1.219745223	NA	0.151031	NA	No
<i>GNA11</i>	2.46	2.85	25.58	22.40	1.112716763	0.880509891	0	-0.259394	No
<i>ASAP3</i>	157.05	115.82	866.45	796.27	0.739133186	0.919091617	-0.390947	-0.223408	No
<i>EDEM2</i>	8.19	8.23	2.99	4.65	1.004352557	1.415620158	0	0.266038	No
<i>DNMT3B</i>	36.78	24.2	62.23	54.80	0.667019587	0.882538386	-0.507197	-0.218155	No
<i>TPX2</i>	112.69	167.8	167.16	168.00	1.484739203	1.004982603	0.527857	-0.0664057	No
<i>FER1L4</i>	30.98	31.51	165.68	134.21	1.016572858	0.811224758	0	-0.396141	No
<i>PDRG1</i>	25.8	34.06	16.95	21.10	1.308208955	1.231129966	0.297397	0.0904543	No
<i>EPB41L1</i>	1.44	1.66	2.42	2.54	1.090163934	1.036334794	0	0	No
<i>SLC15A1</i>	4.26	6.03	4.71	5.28	1.336501901	1.100036251	0.307921	0	No
<i>DOCK9</i>	26.37	16.37	9.11	7.98	0.634636463	0.888160333	-0.592572	-0.199681	No
<i>ANKRD10</i>	1.85	1.67	4.56	4.03	0.936842105	0.904972376	0	0	No
<i>TGDS</i>	13.13	11.84	20.40	18.90	0.908704883	0.929918423	-0.0201217	-0.0055576	No
<i>DOCK3</i>	3.92	6.78	31.91	31.15	1.581300813	0.976837005	0.608691	-0.126032	No
<i>C3orf18</i>	2.33	3.55	10.36	13.31	1.366366366	1.259278526	0.364998	0.0937604	No
<i>COQ9</i>	5.02	5.51	<0.1	NA	1.081395349	NA	0	NA	No
<i>TMEM40</i>	8.65	12.64	<0.1	NA	1.413471503	NA	0.351442	NA	No
<i>KIF9</i>	7.5	8.1	29.26	32.53	1.070588235	1.108189045	0	0	No

<i>CRLS1</i>	2.07	7.16	0.20	0.55	2.657980456	1.289645272	1.4229	0.410566	No
<i>PPP1R13B</i>	0.94	0.75	8.89	9.34	0.902061856	1.045575135	0	0	No
<i>ATRNL</i>	0.19	5.47	<0.1	NA	5.43697479	NA	4.04284	NA	No
<i>SMOX</i>	7.41	7.24	0.21	0.09	0.979785969	0.899036558	0	0	No
<i>FKBP1A</i>	0.53	0.41	0.65	0.68	0.921568627	1.020244164	0	0	No
<i>NSFL1C</i>	6.76	10.56	11.47	13.53	1.489690722	1.165376591	0.493811	0	No
<i>SLC4A11</i>	0.93	1.29	1.82	2.30	1.186528497	1.170016801	0.206754	0.0690998	No
<i>C20orf194</i>	10.71	10.16	19.76	21.35	0.953031597	1.076751184	0	0	No
<i>ZNF343</i>	0.47	0.28	<0.1	NA	0.870748299	NA	0	NA	No
<i>EBF4</i>	13.7	8.77	35.85	31.28	0.66462585	0.875918835	-0.45856	-0.22277	No
<i>CPXM1</i>	13.3	14.45	54.21	55.51	1.08041958	1.023475494	0	0	No
<i>MAVS</i>	32.65	27.13	60.18	68.03	0.835958395	1.128230514	-0.184253	0	No
<i>LZTS3</i>	11.12	9.28	41.07	51.71	0.848184818	1.25284201	-0.142621	0.127442	No
<i>XRNL2</i>	1.21	1.9	2.51	2.76	1.312217195	1.071929003	0.375662	0	No
<i>KIZ</i>	3.2	4.18	2.89	3.71	1.233333333	1.211980226	0.0768167	0	No
<i>DYNLL1</i>	55.85	49.17	159.95	152.78	0.882497801	0.955425435	-0.104267	-0.168118	No
<i>SNX5</i>	3.92	4.41	16.66	19.46	1.099593496	1.158804388	0	0	No
<i>RPL6</i>	3.77	5.26	13.94	14.58	1.312368973	1.043120473	0.258388	0	No
<i>SIRPG</i>	4.86	7.87	21.33	22.36	1.513651877	1.046340587	0.471891	0	No
<i>MAPKAPK5</i>	0.28	2.5	<0.1	NA	2.734375	NA	2.62631	NA	No
<i>P2RX7</i>	1.02	2.41	0.17	0.24	1.688118812	1.057662165	0.739971	0	No
<i>ESF1</i>	54.58	30.5	68.64	68.09	0.56675063	0.992075639	-0.771082	0	No
<i>RBBP9</i>	1.82	1.94	4.39	4.32	1.042553191	0.987222947	0	0	No
<i>ANAPC5</i>	36.33	35.59	175.19	147.61	0.980176802	0.843477746	0	-0.386738	No
<i>SLC23A2</i>	17.15	33.4	29.13	34.21	1.895316804	1.168465563	0.798569	0	No
<i>SLC8B1</i>	6.26	7.4	8.46	8.62	1.157024793	1.017029209	0.0962336	0	No
<i>TMEM230</i>	25.51	29.65	66.66	59.38	1.156167484	0.892397315	0.145454	-0.26047	No
<i>DZANK1</i>	5.49	5.23	26.78	26.81	0.959938367	1.00114331	0	-0.0421636	No
<i>KDM2B</i>	15.08	26.06	4.43	3.78	1.682835821	0.880377245	0.655289	-0.0894504	No
<i>LHX5</i>	9.68	6.75	23.37	19.17	0.725655431	0.827714663	-0.271772	-0.274575	No
<i>TASP1</i>	4.94	6.24	8.63	9.51	1.218855219	1.091205495	0.189793	0	No
<i>OAS1</i>	16.41	16.4	28.16	32.70	0.999425617	1.155734741	0	0	No
<i>GCN1</i>	35.34	44.36	22.22	22.92	1.248211337	1.029982295	0.271769	-0.0308805	No
<i>RPLP0</i>	119.32	116.73	34.45	35.32	0.978474069	1.02448788	0	0	No
<i>PXN</i>	3.29	4.2	20.88	20.61	1.212121212	0.987482557	0.174714	-0.0647284	No
<i>SIRT4</i>	8.88	11.38	3.37	4.06	1.253036437	1.157853538	0.225384	0	No
<i>KIF16B</i>	53.67	29.03	71.10	60.76	0.549295775	0.856595364	-0.768606	-0.241751	No
<i>TRMT6</i>	3.28	5.58	8.32	10.25	1.537383178	1.206682604	0.566005	0.0441055	No

PEBP1	3.96	1.81	3.24	2.53	0.566532258	0.83248493	-0.85169	-0.300306	No
BRAP	5.56	9.4	12.88	14.45	1.585365854	1.113053924	0.58056	0	No
ERP29	4.25	4.2	7.21	8.33	0.99047619	1.136909646	0	0	No
FUS	6.98	9.51	<0.1	NA	1.317042607	NA	0.31617	NA	No
IGBP1	0.17	0.07	3.08	3.53	0.914529915	1.109385113	-0.379885	0	No
FXYD5	53.74	49.71	<0.1	NA	0.926379247	NA	-0.0365975	NA	No
ZNF302	8.5	13.64	5.71	6.88	1.541052632	1.174056437	0.523109	0	No
GRAMD1A	8.83	7.05	16.81	15.77	0.818921668	0.941517728	-0.1311	-0.0029127	No
FXYD3	11.43	10.44	8.10	8.50	0.920353982	1.044191062	0	0	No
CDIP1	64.57	53.83	46.89	50.95	0.836205582	1.084788838	-0.158047	0	No
CMTM1	4.77	6.5	13.08	13.73	1.29982669	1.045833731	0.322007	-0.0093056	No
GANAB	0.67	1.68	0.26	0.32	1.604790419	1.051340678	1.09701	0	No
GMIP	17.97	22.83	38.83	39.98	1.256193991	1.028948307	0.205315	-0.0062668	No
RBM41	3.21	3	3.69	3.88	0.950118765	1.039626669	0	0	No
BIRC5	5.92	6.43	<0.1	NA	1.073699422	NA	0	NA	No
LAG3	4.71	6.64	6.72	7.96	1.338003503	1.161180632	0.331854	0.00484923	No
MLF2	1.66	2.79	8.05	10.26	1.42481203	1.244042559	0.508826	0	No
OTUB2	5.16	5.39	<0.1	NA	1.037337662	NA	0	NA	No
DDX24	1.5	1.3	0.52	0.41	0.92	0.926787676	0	0	No
ZBTB25	2.01	4.27	5.10	6.34	1.750830565	1.203366198	0.754633	0.0541428	No
NECAP1	12.48	13.03	0.34	0.48	1.040801187	1.106344045	0	0	No
ARHGAP4	1.96	2.44	9.74	9.57	1.162162162	0.984114096	0.048249	-0.071008	No
ANKRD24	4.81	6.32	24.97	23.32	1.25989673	0.936346853	0.218509	-0.150973	No
DHX32	29.28	24.32	5.28	6.68	0.836195509	1.223629385	-0.151389	0	No
RCOR1	11.89	9.42	23.00	22.11	0.808378588	0.962968584	-0.222952	-0.12348	No
GPATCH2L	1.53	1.88	15.93	13.00	1.138339921	0.826956491	0.128386	-0.384609	No
LTBP4	43.27	33.59	105.99	102.37	0.781341766	0.966182543	-0.284275	-0.128957	No
BLVRB	3.8	4.33	0.28	0.32	1.110416667	1.03107652	0.0161399	0	No
SLC9A1	9.56	7.55	2.44	2.69	0.809659091	1.073213019	-0.19055	0	No
SPTLC1	243.14	182.14	4000.25	3483.04	0.75014336	0.8707386	-0.375529	-0.297551	No
PAPOLA	0.37	1.88	4.88	5.66	2.102189781	1.133430255	1.81028	0	No
CCNK	17.43	13.87	31.06	25.59	0.806836679	0.829353059	-0.188695	-0.325353	No
PCBP4	4.77	7.2	3.02	2.92	1.421143847	0.974977378	0.451495	-0.0065973	No
YPEL3	10.94	13.74	12.23	11.19	1.234505863	0.921324785	0.187858	-0.116989	No
MRPS33	6.39	8.86	108.07	85.81	1.334235453	0.795940429	0.293789	-0.415596	No
NDUFB2	0.17	0.56	0.93	1.00	1.333333333	1.038309694	0	0	No
NUDC	5.44	7.28	91.76	107.54	1.285714286	1.170144556	0.237594	0.0724989	No
MAEA	6.33	6.75	0.36	0.34	1.057298772	0.982068268	0	0	No

<i>ICAM1</i>	4.44	7.36	10.62	11.71	1.536764706	1.093962511	0.587206	0	No
<i>STRN4</i>	59.11	54.25	144.61	167.15	0.919148228	1.154765327	-0.0317006	0	No
<i>MUL1</i>	9	6.18	7.78	6.54	0.718	0.858948599	-0.330611	0	No
<i>TFAP4</i>	4.49	6.11	4.55	5.63	1.295081967	1.193929689	0.263897	0	No
<i>PDCD7</i>	0.91	1.17	1.79	2.03	1.136125654	1.084617658	0.0132606	0	No
<i>SPG21</i>	25.07	24.39	9.53	9.47	0.973916379	0.994020184	0	-0.0108013	No
<i>DNAJB11</i>	2.95	4.56	7.94	9.56	1.407594937	1.18065241	0.28593	0	No
<i>P3H2</i>	18.61	15.95	9.80	11.07	0.864354921	1.117487427	-0.0327902	0	No
<i>FLT3LG</i>	0.55	0.51	1.06	1.38	0.974193548	1.157626502	0	0	No
<i>RAB11FIP3</i>	3.2	3.25	5.88	5.29	1.011904762	0.914909161	0	-0.0260689	No
<i>GNPTG</i>	4.5	7.56	7.50	8.30	1.556363636	1.093895739	0.567531	0	No
<i>ZNF268</i>	10.91	12.26	4.84	5.01	1.113350126	1.029108722	0	0	No
<i>GOLGA3</i>	4.95	8.87	<0.1	NA	1.658823529	NA	0.673032	NA	No
<i>PABPC4</i>	0.9	2.29	1.95	2.66	1.731578947	1.241930766	1.09746	0.0888559	No
<i>CERS4</i>	4.58	4.6	12.31	14.00	1.003584229	1.127075942	0	0	No
<i>MCOLN1</i>	2.03	4.83	4.33	4.15	1.924092409	0.966879426	1.03346	-0.0264696	No
<i>USP48</i>	9.07	8.26	9.71	9.55	0.919563059	0.98519765	0	0	No
<i>EFNB1</i>	1.17	1.49	8.43	8.80	1.147465438	1.038760128	0.0271496	0	No
<i>PDPR</i>	0.47	0.43	1.05	1.15	0.972789116	1.047143935	0	0	No
<i>AARS1</i>	32.13	38.67	199.97	178.31	1.197404165	0.892217598	0.188719	-0.24514	No
<i>GLG1</i>	41.32	26.37	47.87	48.72	0.64673913	1.01734057	-0.554909	-0.0037178	No
<i>KIF4A</i>	1.87	3.32	8.05	9.24	1.505226481	1.131960282	0.639648	0	No
<i>TNRC6A</i>	10.01	10.68	8.57	7.80	1.060853769	0.919974821	0	-0.130546	No
<i>PLEKHG2</i>	6.8	6.35	<0.1	NA	0.942307692	NA	0	NA	No
<i>DLL3</i>	45.16	49.77	47.48	47.29	1.099870017	0.996067238	0.0615523	-0.0898816	No
<i>NAT14</i>	3.41	2.46	0.94	0.84	0.784580499	0.949713662	-0.211701	0	No
<i>PITPNM2</i>	0.93	2.11	4.23	5.24	1.611398964	1.192235748	0.8133	0.00716811	No
<i>EXOC1</i>	2.01	2.67	1.59	2.03	1.219269103	1.168169085	0.1596	0	No
<i>RBM27</i>	1.15	1.53	3.37	3.38	1.176744186	1.00189409	0.112917	0	No
<i>POU4F3</i>	261.14	204.18	479.19	421.71	0.782711528	0.880304187	-0.330236	-0.304362	No
<i>OSBPL8</i>	4.13	4.13	11.08	11.32	1	1.019803023	0	-0.0178993	No
<i>DTX2</i>	7.64	7.66	28.06	30.70	1.002314815	1.090698138	0	0	No
<i>PUS7</i>	2.91	2.7	9.10	10.66	0.94629156	1.154774779	0	0	No
<i>LAMB1</i>	2.72	3.96	8.22	9.66	1.333333333	1.15632892	0.374596	0	No
<i>DLD</i>	1.47	1.82	2.94	3.41	1.141700405	1.118023602	0	0	No
<i>WDR7</i>	8.3	9.66	17.42	20.14	1.146236559	1.147603637	0.104721	0	No
<i>TXNL1</i>	4.62	3.16	5.24	4.85	0.740213523	0.93741531	0	0	No
<i>ABCC6</i>	7.55	7.7	4.16	3.83	1.01754386	0.93574219	0	-0.0080159	No

<i>CMTM6</i>	29.76	34.3	58.77	69.19	1.147594278	1.174415787	0.109173	0.0438362	No
<i>ITGA6</i>	0.2	0.23	<0.1	NA	1.025	NA	0	NA	No
<i>MAP3K20</i>	0.38	0.39	4.60	8.00	1.007246377	1.607320744	0	0.598365	No
<i>FH</i>	17.12	11.06	78.77	73.39	0.665562914	0.932548825	-0.44825	-0.142362	No
<i>SEL1L3</i>	6.98	6.37	98.30	82.89	0.923558897	0.844809187	0	-0.315809	No
<i>TF</i>	0.79	0.63	2.97	2.98	0.910614525	1.00304874	0	0	No
<i>CDV3</i>	4.25	4.58	14.50	16.41	1.062857143	1.123268535	0	0	No
<i>ALKBH5</i>	4.9	7.12	47.17	47.21	1.376271186	1.000927378	0.328872	-0.0335752	No
<i>PITPNM3</i>	0.92	0.78	1.29	1.43	0.927083333	1.059186464	0	0	No
<i>SPAG7</i>	14.51	11.41	7.01	8.71	0.800128949	1.212151867	-0.200427	0.0146959	No
<i>ORC6</i>	0.26	0.09	11.04	9.93	0.865079365	0.90751565	-0.699885	-0.194198	No
<i>ZC3HC1</i>	17.84	23.95	41.55	43.62	1.324309979	1.048641088	0.298739	0	No
<i>ESR1</i>	24.35	35.29	28.34	28.41	1.431558185	1.002534133	0.389155	0	No
<i>TMEM101</i>	3.45	2.87	4.49	4.58	0.869662921	1.015981288	-0.0357951	0	No
<i>CCDC80</i>	45.04	45.17	49.94	46.51	1.002823632	0.932611187	0	-0.170703	No
<i>PSME1</i>	20.89	13.8	50.00	44.92	0.676107812	0.900340657	-0.475887	-0.191378	No
<i>PPP2R3C</i>	2.25	2.14	3.87	4.09	0.966153846	1.045811454	0	0	No
<i>HAUS4</i>	19.11	16.26	22.92	23.36	0.858279463	1.018551265	-0.0946537	0	No
<i>SLC7A8</i>	15.22	22.03	19.87	20.01	1.419852035	1.006664345	0.407534	-0.0606169	No
<i>OSGEP</i>	3.79	3.62	4.02	4.08	0.964509395	1.012889772	0	0	No
<i>SLC22A17</i>	9.15	9.31	22.02	20.30	1.015763547	0.925147345	0	-0.193238	No
<i>RNF31</i>	13.1	11.2	9.13	9.65	0.865248227	1.05104412	-0.0629401	0	No
<i>SCFD1</i>	14.67	17.55	14.22	13.99	1.183790683	0.984828244	0.0457973	-0.0007623	No
<i>G2E3</i>	3.67	5.42	32.82	34.08	1.374732334	1.037258102	0.363371	0	No
<i>HECTD1</i>	13.98	13.59	19.22	17.21	0.973965287	0.90056858	0	-0.119851	No
<i>HNRNPC</i>	13.29	13.25	24.21	21.45	0.99720084	0.890331186	0	-0.212503	No
<i>RPGRIP1</i>	0.12	0.13	0.35	0.28	1.008928571	0.946177831	0	0	No
<i>SUPT16H</i>	4.08	5.32	12.44	13.20	1.244094488	1.056769728	0.24376	0	No
<i>TOX4</i>	3.63	4.09	12.80	12.80	1.099352052	1.000271325	0.0193194	-0.0671009	No
<i>GEMIN2</i>	117.74	121.13	27.47	29.61	1.028549773	1.075118145	0	0	No
<i>TGM1</i>	17.67	16.36	65.60	58.07	0.929833958	0.886871967	-0.0115425	-0.25899	No
<i>TINF2</i>	19.17	18.9	18.08	18.84	0.986613783	1.040082433	0	0	No
<i>TRPM7</i>	1.45	1.63	3.38	3.82	1.073469388	1.099476881	0	0	No
<i>TYRO3</i>	1.62	2.35	14.38	16.10	1.278625954	1.112074174	0.32107	0	No
<i>WDR76</i>	0.24	1.62	67.88	64.23	2.112903226	0.947073614	2.09784	-0.163348	No
<i>SNAP23</i>	5.26	7.45	9.78	11.68	1.349840256	1.17593653	0.364676	0.0461899	No
<i>PHGDH</i>	1.34	1.86	6.45	7.75	1.222222222	1.17400646	0.135642	0	No
<i>COL9A3</i>	5.82	5.44	32.70	33.74	0.944281525	1.030962531	0	0	No

<i>EZR</i>	16.54	14.63	14.93	17.09	0.891106043	1.135378664	-0.0045743	0	No
<i>MYL6</i>	15.75	11.49	4.30	4.77	0.745671642	1.089427607	-0.29105	0	No
<i>AGO1</i>	0.13	0.5	0.27	0.31	1.327433628	1.031173045	0.754813	0	No
<i>TEKT2</i>	153.16	73.6	20.86	23.53	0.483912818	1.122210206	-0.998015	0	No
<i>CLSPN</i>	1.28	1.36	0.35	0.31	1.035087719	0.972718153	0	0	No
<i>RFFL</i>	8.05	9.69	27.01	29.27	1.18121547	1.080839016	0.116419	0	No
<i>UNC13D</i>	67.71	45.46	99.48	100.98	0.676175229	1.014883728	-0.516273	-0.0781485	No
<i>MFSD11</i>	15.45	15.72	29.62	32.98	1.016413374	1.109687498	0	0	No
<i>DPYSL2</i>	25.29	34.13	21.52	23.84	1.336249525	1.10301791	0.340915	0	No
<i>TGFB2</i>	0.59	0.8	169.04	146.79	1.132075472	0.869121578	0.124143	-0.33485	No
<i>GPATCH2</i>	0.22	0.29	6.91	8.13	1.057377049	1.153837502	0	0	No
<i>NUP50</i>	7.83	9.39	<0.1	NA	1.176670442	NA	0	NA	No
<i>CDC45</i>	0.15	0.89	<0.1	NA	1.643478261	NA	1.05898	NA	No
<i>COMT</i>	0.57	2.53	1.66	1.72	2.248407643	1.022027479	1.23702	0	No
<i>ECHDC1</i>	1.77	5.54	<0.1	NA	2.36101083	NA	1.35979	NA	No
<i>LRRFIP2</i>	42.92	62.19	38.87	45.39	1.438752277	1.163609046	0.440027	0.0107624	No
<i>SEC22C</i>	1.48	1.73	11.70	12.14	1.100806452	1.034370317	0	0	No
<i>XYLB</i>	7.69	8.19	21.62	22.96	1.057537399	1.059044796	0	0	No
<i>HDAC6</i>	2.07	2.68	16.90	16.27	1.198697068	0.964736099	0.177488	-0.0553992	No
<i>GABRP</i>	2.41	2.74	25.59	32.22	1.096774194	1.249231249	0	0.156699	No
<i>CDC6</i>	11.73	10.31	<0.1	NA	0.888452474	NA	-0.0371337	NA	No
<i>UPRT</i>	9.16	10.04	<0.1	NA	1.086614173	NA	0.0128648	NA	No
<i>CDC23</i>	2.36	2.81	0.62	0.88	1.133928571	1.162391925	0.0394266	0.12898	No
<i>AAAS</i>	9.06	8.94	42.55	37.52	0.988071571	0.884587674	0	-0.272855	No
<i>CBX5</i>	2.77	2.87	<0.1	NA	1.026525199	NA	0	NA	No
<i>SUCO</i>	3.19	2.7	55.04	52.21	0.883054893	0.949519906	-0.0265021	-0.116134	No
<i>MSH2</i>	4.48	14.4	0.34	0.92	2.810218978	1.431786931	1.46631	0.391529	No
<i>MAP3K1</i>	4.52	5.14	0.73	0.81	1.112318841	1.044488997	0.0288121	0	No
<i>DHPS</i>	6.34	5.14	8.51	9.73	0.836512262	1.12876752	-0.0864999	0	No
<i>HOOK2</i>	7.42	7.33	6.12	6.19	0.989311164	1.009940844	0	0	No
<i>ARCN1</i>	1.25	1.39	2.36	2.40	1.062222222	1.011677535	0	0	No
<i>EPB41L4B</i>	1.86	2.95	4.57	4.17	1.381118881	0.928076963	0.43911	-0.102023	No
<i>TMEM38B</i>	3.76	3.93	6.88	7.99	1.035714286	1.141321532	0	0	No
<i>PSMD5</i>	0.47	1.07	16.26	15.60	1.408163265	0.961527582	0.771246	-0.0969863	No
<i>PTGS1</i>	13.15	23.12	4.48	4.88	1.70459364	1.073695977	0.660317	0	No
<i>NUP188</i>	32.95	30.45	32.07	31.64	0.926362297	0.986959892	-0.0317083	-0.0948456	No
<i>CRAT</i>	18.34	15.5	127.05	110.44	0.853154085	0.870257873	-0.0984394	-0.309248	No
<i>SH2D3C</i>	4.21	4.25	9.66	9.56	1.007677543	0.990931114	0	-0.0208973	No

<i>NANS</i>	5.67	6.83	12.17	12.09	1.173913043	0.993916648	0.103946	-0.0622321	No
<i>TBC1D2</i>	9.18	6.23	7.16	6.47	0.71021611	0.915984589	-0.395456	-0.109066	No
<i>WHRN</i>	5.64	8.09	10.48	11.63	1.368975904	1.100539657	0.311144	0	No
<i>CWF19L1</i>	16.15	7.75	3.53	3.36	0.510204082	0.962219196	-0.875575	0	No
<i>SEMA4G</i>	13.21	16.2	16.29	19.50	1.210415201	1.185828711	0.162875	0	No
<i>BTAF1</i>	18.72	21.22	6.29	8.05	1.126774848	1.242002576	0.101078	0.11653	No
<i>IKZF5</i>	4.27	1.57	18.76	14.03	0.487666034	0.760772137	-1.11738	-0.460007	No
<i>BLNK</i>	3.15	5.45	4.82	5.31	1.554216867	1.084256574	0.57249	0	No
<i>CYP26A1</i>	0.23	2.62	<0.1	NA	2.943089431	NA	2.91282	NA	No
<i>SORBS1</i>	1.26	3.31	1.10	1.67	1.907079646	1.270463905	0.92336	0	No
<i>CRTAC1</i>	388.23	259.92	697.99	631.60	0.670349151	0.905020731	-0.548299	-0.28492	No
<i>BAMBI</i>	4.38	4.78	1.44	2.15	1.074349442	1.291208642	0	0	No
<i>IL11</i>	23.8	22.29	27.64	31.22	0.939112903	1.124895536	0	0	No
<i>WAC</i>	6.94	8.8	15.01	14.21	1.234256927	0.950020451	0.193318	0	No
<i>CREM</i>	1.81	2.35	0.14	0.24	1.192170819	1.085471439	0.101257	0	No
<i>NUBP2</i>	7.49	5.73	17.63	19.58	0.792697291	1.10471951	-0.154006	0	No
<i>HIVEP1</i>	13.79	21.46	40.37	39.09	1.518593644	0.969122835	0.559515	-0.111445	No
<i>FKBP5</i>	4.32	6.41	1.18	2.01	1.392857143	1.381090876	0.40109	0.282488	No
<i>SRPK1</i>	3.73	5.73	4.56	5.34	1.422832981	1.139870661	0.426301	0	No
<i>BRPF3</i>	3.4	4.33	3.97	4.56	1.211363636	1.118285401	0.166781	0	No
<i>MRPS18A</i>	21.65	24.67	15.87	18.13	1.133333333	1.134193244	0.122076	0	No
<i>PGC</i>	1.6	1.92	1.20	2.03	1.123076923	1.37896008	0	0.350319	No
<i>TMEM14A</i>	109.91	78.1	682.73	688.51	0.713190875	1.008448514	-0.442948	-0.120776	No
<i>EFHC1</i>	58.04	69.57	112.66	118.77	1.195291328	1.053758078	0.212323	-0.000359	No
<i>HSP90AB1</i>	1.15	1.19	4.83	4.98	1.018604651	1.025027962	0	0	No
<i>CDC5L</i>	2.5	2.81	2.66	2.96	1.088571429	1.083024292	0	0	No
<i>ITPR3</i>	3.88	1.53	4.15	2.71	0.518442623	0.720734605	-1.08278	-0.565106	No
<i>ZNF184</i>	0.31	0.5	6.34	7.16	1.145038168	1.111333553	0	0	No
<i>DSP</i>	1.12	0.67	7.76	7.26	0.787735849	0.942611106	-0.303405	-0.107443	No
<i>SIRT1</i>	1.74	2.34	<0.1	NA	1.218978102	NA	0.17095	NA	No
<i>HNRNPH3</i>	11.69	18.21	<0.1	NA	1.513790386	NA	0.535889	NA	No
<i>IFT74</i>	8.85	7.17	8.96	9.36	0.829441624	1.040085246	-0.176915	0	No
<i>JAK2</i>	34.11	55.99	72.25	73.73	1.623184278	1.020211025	0.622312	-0.0209247	No
<i>IL12RB1</i>	36.48	33.39	103.57	101.84	0.91755603	0.98348755	-0.0434841	-0.117268	No
<i>ABL1</i>	39.04	38.87	110.18	87.88	0.995754246	0.799427227	0	-0.403675	No
<i>ACOT7</i>	4.93	5.82	2.12	2.24	1.150084317	1.038629446	0.0181019	0	No
<i>SH3GLB1</i>	19.06	16.55	202.85	170.76	0.874875374	0.842601087	-0.117462	-0.325805	No
<i>CDC7</i>	15.51	18.31	117.63	107.59	1.169594185	0.915402576	0.144668	-0.241115	No

<i>SYDE2</i>	8.55	15.99	4.62	5.75	1.779057592	1.201644767	0.76873	0.0177237	No
<i>PCSK5</i>	27.57	37.87	56.73	61.12	1.360518026	1.076088328	0.33668	0	No
<i>SCD</i>	12.26	8.42	18.76	16.33	0.71040724	0.877137626	-0.388042	-0.224708	No
<i>TMED1</i>	81.63	69.98	106.32	102.28	0.859010045	0.962356804	-0.170804	-0.153929	No
<i>ABLIM1</i>	6.03	5.32	5.07	6.05	0.899004267	1.161401935	0	0	No
<i>ERMP1</i>	5.03	5.34	18.98	18.91	1.051409619	0.996264204	0	-0.0607884	No
<i>RAB18</i>	27.14	22.07	27.92	25.02	0.819829424	0.89960091	-0.203665	-0.162959	No
<i>NRP1</i>	15.61	21.24	23.33	23.89	1.338952438	1.023220872	0.340388	-0.0137013	No
<i>PRTFDC1</i>	24.85	34.89	12.97	13.41	1.388394584	1.03168817	0.419635	-0.0258324	No
<i>PALMD</i>	79.23	65.31	152.00	144.25	0.826498816	0.949368073	-0.239025	-0.150758	No
<i>TSPAN15</i>	2.25	2.27	2.20	2.91	1.006153846	1.223044449	0	0.0491183	No
<i>MACROH2A2</i>	5.6	8.02	2.65	2.89	1.366666667	1.066904136	0.371984	0	No
<i>WASHC2A</i>	4.59	5.3	26.45	26.39	1.127012522	0.997911669	0.00165699	-0.0837992	No
<i>MAST3</i>	0.2	1.49	0.11	0.11	2.075	0.998771551	2.2739	0	No
<i>MZF1</i>	2.28	1.87	<0.1	NA	0.875	NA	-0.104727	NA	No
<i>OCEL1</i>	0.77	1.01	0.13	0.57	1.13559322	1.391901188	0	0.838726	No
<i>MYO9B</i>	9.33	7.35	8.15	9.18	0.808325266	1.113017612	-0.246265	0	No
<i>KCNK6</i>	81.85	62.15	172.51	149.38	0.762220881	0.866690921	-0.35182	-0.308747	No
<i>CATSPERG</i>	9	14.6	6.71	7.73	1.56	1.132777656	0.600091	0	No
<i>PSMD8</i>	2.57	3.11	2.54	3.14	1.151260504	1.170394755	0	0	No
<i>FBXL19</i>	5.4	5.39	2.01	2.35	0.9984375	1.112985997	0	0	No
<i>STX1B</i>	6.01	9.15	27.02	27.74	1.447931526	1.025821053	0.482744	-0.0425517	No
<i>HSD3B7</i>	49.95	41.2	105.96	99.02	0.828263003	0.935143037	-0.123066	-0.0897582	No
<i>SETD1A</i>	28.44	27.51	27.46	26.41	0.968410326	0.962954807	0	-0.116105	No
<i>BCL7C</i>	17.84	35.92	37.24	37.62	1.959660297	1.009974789	0.89666	-0.0190374	No
<i>EFNA2</i>	2.92	4.26	31.26	32.15	1.341836735	1.027598517	0.401872	-0.0153935	No
<i>CIRBP</i>	0.15	0.15	3.87	3.19	1	0.860266214	0	-0.240163	No
<i>ATP5F1D</i>	17.49	19.22	3.18	3.74	1.093564089	1.134137079	0.0483663	0	No
<i>CBARP</i>	2.47	3.78	7.10	7.18	1.377521614	1.009859247	0.352314	0	No
<i>HNRNPM</i>	117.15	87.59	264.75	278.20	0.749809564	1.050623028	-0.36961	-0.0337079	No
<i>MARCHF2</i>	14.34	22.76	53.16	50.99	1.548891786	0.959873509	0.579186	-0.135012	No
<i>NDUFB7</i>	21.31	23.95	17.99	17.38	1.118332586	0.96811061	0.0705398	-0.105969	No
<i>TECR</i>	0.35	0.76	2.97	4.97	1.303703704	1.503993114	0.536948	0.3143	No
<i>TIMM13</i>	0.26	0.91	<0.1	NA	1.515873016	NA	1.12923	NA	No
<i>CDC34</i>	1.1	1.79	<0.1	NA	1.328571429	NA	0.355256	NA	No
<i>MTAP</i>	3.86	3.36	5.31	6.39	0.897119342	1.170694079	0	0	No
<i>MISP</i>	12.43	13.25	7.87	7.79	1.061057334	0.990610878	0	0	No
<i>CEP170B</i>	12.22	20.63	1.08	1.32	1.636157337	1.113071774	0.593243	0	No

<i>POLR2E</i>	4.22	3.97	60.46	58.29	0.95210728	0.964715936	0	-0.112584	No
<i>POLRMT</i>	33.05	34.05	10.49	11.26	1.029368576	1.067010101	0	0	No
<i>HCN2</i>	18.21	12.96	34.90	35.34	0.726704841	1.012360398	-0.321096	-0.0071688	No
<i>IZUMO4</i>	13.88	18.39	94.51	87.54	1.303091398	0.92699005	0.306739	-0.196889	No
<i>RASSF7</i>	0.21	4.13	<0.1	NA	4.239669421	NA	3.18805	NA	No
<i>GADD45B</i>	67.13	107.71	154.18	143.79	1.595626009	0.933032494	0.626573	-0.183238	No
<i>PALM</i>	8.34	3.54	3.54	3.38	0.48608137	0.965764912	-0.955933	0	No
<i>MADCAM1</i>	16.06	12.34	<0.1	NA	0.781946073	NA	-0.189721	NA	No
<i>MKNK2</i>	1.56	12.15	1.70	1.25	5.13671875	0.834908014	2.72244	-0.189511	No
<i>ARVCF</i>	1.76	1.1	2.75	2.26	0.760869565	0.868414485	-0.401401	-0.227166	No
<i>TRMT2A</i>	22.69	31.83	13.34	11.66	1.3858168	0.882846541	0.412857	-0.172452	No
<i>RANBP1</i>	2.46	2.62	3.60	4.00	1.046242775	1.087215836	0	0	No
<i>ZDHHC8</i>	0.8	0.92	2.03	1.82	1.066666667	0.931226328	0	0	No
<i>KLHL22</i>	8.72	6.92	10.63	10.96	0.814814815	1.028216742	-0.163863	0	No
<i>MED15</i>	19.62	12.49	144.94	146.18	0.654219205	1.008505186	-0.556958	-0.087121	No
<i>SNAP29</i>	0.61	0.58	37.82	41.60	0.98136646	1.09739543	0	0	No
<i>CRKL</i>	5.47	4.57	1.26	1.00	0.860896445	0.885589697	-0.0577065	0	No
<i>LZTR1</i>	4.64	5.73	3.99	4.19	1.193262411	1.04077799	0.163962	0	No
<i>MMP11</i>	0.43	1.21	2.70	3.54	1.545454545	1.226279318	0.862484	0.214409	No
<i>CECR2</i>	2.86	3.29	0.94	1.04	1.111398964	1.050524896	0	0	No
<i>SMARCB1</i>	9.15	10.8	0.20	0.23	1.162561576	1.022864397	0.119219	0	No
<i>P2RX6</i>	2.98	3.22	33.12	32.01	1.060301508	0.967536586	0	-0.113443	No
<i>DERL3</i>	16.46	24.45	17.43	17.01	1.457617411	0.977088765	0.463587	0	No
<i>BCL2L13</i>	2.49	2.14	1.69	1.43	0.899713467	0.904337573	-0.0204623	-0.16221	No
<i>DDTL</i>	0.25	0.28	7.56	6.82	1.024	0.913474012	0	-0.113679	No
<i>DDT</i>	3.91	5.23	<0.1	NA	1.268839104	NA	0	NA	No
<i>GSTT2</i>	0.28	0.09	8.89	8.86	0.8515625	0.996960497	-0.958354	-0.0478278	No
<i>CABIN1</i>	21.12	24.48	14.92	18.50	1.151898734	1.224759632	0.121536	0.0785013	No
<i>TBC1D10A</i>	8.03	8.04	12.07	13.18	1.00110742	1.084795936	0	0	No
<i>SUSD2</i>	0.51	0.53	<0.1	NA	1.013245033	NA	0	NA	No
<i>SF3A1</i>	2.47	3.25	6.08	6.13	1.224783862	1.007222859	0.199768	0	No
<i>GGT5</i>	103.05	68.46	161.25	143.26	0.667563671	0.88914628	-0.47439	-0.253356	No
<i>RNF215</i>	24.22	24.37	0.10	0.09	1.005947661	0.98933265	0	0	No
<i>SEC14L2</i>	23.6	19.86	85.44	82.09	0.84796748	0.961256332	-0.138178	-0.105003	No
<i>SPECC1L</i>	5.6	5.22	<0.1	NA	0.942424242	NA	0	NA	No
<i>PPIL2</i>	13.29	17.08	2.11	3.03	1.265220434	1.296165216	0.197107	0	No
<i>YPEL1</i>	11.79	14.83	23.38	22.62	1.237685692	0.968650076	0.169818	-0.0496505	No
<i>SNRPD3</i>	2.75	3.79	<0.1	NA	1.277333333	NA	0.303888	NA	No

<i>PES1</i>	1.75	4.9	55.40	56.34	2.145454545	1.016730864	1.22893	-0.0456555	No
<i>MAPK1</i>	0.35	1.43	<0.1	NA	1.8	NA	1.4845	NA	No
<i>GGT1</i>	25.32	27.5	0.42	0.69	1.082826748	1.190564699	0.0575449	0.0263137	No
<i>PPM1F</i>	39.5	25.19	<0.1	NA	0.646666667	NA	-0.554395	NA	No
<i>SLC35E4</i>	4.49	4.71	29.15	33.02	1.04007286	1.128218171	0	0	No
<i>TOP3B</i>	2.36	4.73	0.84	1.01	1.705357143	1.094876499	0.767925	0	No
<i>CRYBB3</i>	2.28	2.4	6.36	7.14	1.036585366	1.106429637	0	0	No
<i>CYTH4</i>	0.65	0.78	1.56	1.62	1.078787879	1.024706299	0	0	No
<i>ESS2</i>	1	2.31	4.45	6.07	1.655	1.29713661	0.941984	0.142493	No
<i>CRYBB2P1</i>	0.2	1.03	0.35	0.75	1.691666667	1.297250215	1.51231	0	No
<i>MFNG</i>	18.42	11.55	28.01	29.92	0.646240989	1.065716303	-0.555607	-0.0062255	No
<i>CARD10</i>	10.35	18.9	16.23	15.67	1.753303965	0.96759473	0.75573	-0.025525	No
<i>LRP5L</i>	2.77	3.56	9.23	9.90	1.209549072	1.065076085	0.207641	0	No
<i>SLC25A1</i>	331.45	317.04	905.12	790.96	0.956655136	0.874009083	-0.0374163	-0.312302	No
<i>GRK3</i>	6.61	4.3	9.74	9.99	0.696452037	1.023121374	-0.406351	-0.0069973	No
<i>LGALS2</i>	1.3	1.01	6.47	5.36	0.873913043	0.851540982	0	-0.129763	No
<i>GGA1</i>	4.38	3.56	11.68	12.77	0.847583643	1.086141815	-0.102128	0	No
<i>HIRA</i>	0.18	0.43	<0.1	NA	1.211864407	NA	0.684653	NA	No
<i>SH3BP1</i>	3.63	5.32	7.34	6.69	1.365010799	0.921867156	0.281519	-0.0245214	No
<i>LGALS1</i>	3.3	8.03	19.12	20.59	2.1	1.073193082	0.978812	0	No
<i>HPS4</i>	14.93	16.54	19.63	17.69	1.101067169	0.906143851	0.0133478	-0.119696	No
<i>PIK3IP1</i>	4.28	4.45	23.30	23.74	1.03219697	1.018266247	0	-0.0363987	No
<i>SRRD</i>	8.23	11.13	23.72	24.79	1.314192849	1.043208283	0.244627	0	No
<i>PATZ1</i>	9.09	15.03	51.08	50.53	1.588701685	0.98935428	0.566089	-0.145205	No
<i>TRIOBP</i>	4.95	6.37	9.99	11.09	1.238655462	1.100399026	0.1203	0	No
<i>TFIP11</i>	6.75	8.72	41.48	41.85	1.254193548	1.008663665	0.204845	0	No
<i>GCAT</i>	4.53	4.16	30.43	28.25	0.933092224	0.930596602	0	-0.156821	No
<i>ANKRD54</i>	6.62	6.85	4.65	4.22	1.030183727	0.923491975	0	-0.141595	No
<i>EIF3L</i>	2.23	3.65	8.83	11.13	1.439628483	1.23404819	0.525959	0.0735007	No
<i>SNU13</i>	2.73	2.78	10.81	12.39	1.013404826	1.133727646	0	0	No
<i>MICALL1</i>	1.03	0.79	29.12	31.41	0.881773399	1.076146934	0	0	No
<i>POLR2F</i>	3.58	2.6	5.89	6.42	0.786026201	1.077500103	-0.280784	0	No
<i>CCDC134</i>	2.44	2.39	7.33	7.25	0.985465116	0.990230279	0	-0.0974693	No
<i>DEPDC5</i>	6.91	6.84	8.98	11.37	0.991150442	1.2390213	0	0	No
<i>PICK1</i>	0.43	0.82	0.18	0.21	1.272727273	1.025373537	0.535587	0	No
<i>TTC28</i>	10.61	9.8	20.85	21.44	0.930232558	1.026785007	0	-0.0200269	No
<i>SLC16A8</i>	35.98	29.12	217.81	214.72	0.814494321	0.985873282	-0.240624	-0.108354	No
<i>CENPM</i>	13.25	10.93	14.20	15.94	0.837192982	1.114397182	-0.1913	0	No

SEPTIN3	13.76	19.39	34.79	30.70	1.381436314	0.885778992	0.391904	-0.24865	No
SLC5A1	1.25	5.89	<0.1	NA	3.062222222	NA	1.83237	NA	No
KDELR3	1.75	2.35	4.34	4.62	1.218181818	1.05177006	0.241623	0	No
CYP2D6	1.79	1.92	5.86	6.19	1.046594982	1.048134416	0	0	No
DDX17	90.65	146.91	258.71	228.51	1.613857065	0.883719022	0.642812	-0.285809	No
DMC1	1542.29	1275.94	4712.77	4287.54	0.827414161	0.909788945	-0.25953	-0.243455	No
TCF20	2.36	2.06	1.28	1.90	0.910714286	1.273377432	0	0.0707368	No
HSCB	1.22	1.69	3.57	3.61	1.211711712	1.009793561	0.215781	0	No
CBY1	8.56	9.51	21.40	23.16	1.099372385	1.078741229	0.0339878	0	No
TOMM22	11.25	11.69	6.56	7.92	1.035918367	1.179921363	0	0.00210526	No
RSPH14	51.59	48.68	143.81	141.26	0.944666286	0.982369056	-0.026164	-0.109911	No
XBP1	0.46	0.43	4.24	5.26	0.979452055	1.194362145	0	0	No
RTCB	0.73	0.71	11.30	13.47	0.988439306	1.176551646	0	0	No
JOSD1	7.81	8.54	23.29	25.23	1.082860386	1.079993979	0	0	No
FBXO7	15.12	10.42	31.27	29.32	0.708436725	0.939645112	-0.389661	-0.0804278	No
GTPBP1	4.5	4.52	2.39	2.86	1.003636364	1.139458069	0	0	No
POLDIP3	23	21.82	11.33	12.80	0.950833333	1.119366027	0	0	No
TIMP3	16.33	21.15	65.44	66.90	1.27813041	1.022004952	0.247827	-0.0157922	No
PPP6R2	19.73	21.55	16.75	17.37	1.087795466	1.03499654	0.00086488	0	No
SBF1	2.8	3.83	4.22	5.25	1.271052632	1.197579109	0.23347	0.0300923	No
SUN2	5.4	7.39	0.65	0.70	1.3109375	1.02762445	0.303953	0	No
CYB5R3	17.77	16.61	20.17	20.55	0.938199254	1.017781793	-0.0176675	-0.021379	No
DNAL4	18.7	20.53	22.35	23.89	1.092893401	1.066022326	0.033164	0	No
LMF2	4.43	4.42	24.60	26.78	0.998158379	1.085184794	0	0	No
RHBDD3	38.9	88.35	31.90	24.66	2.239348371	0.779966339	1.09003	-0.328602	No
PACSIN2	1.62	1.51	1.00	1.06	0.958015267	1.030285366	0	0	No
TTLL1	4.82	6.33	5.21	6.15	1.259450172	1.151888829	0.164252	0	No
AP1B1	0.5	0.87	0.17	0.15	1.246666667	0.98076378	0.168516	0	No
HMGXB4	1.52	1.09	1.17	1.36	0.829365079	1.085714632	-0.129068	0	No
TOM1	25.47	25.59	39.18	42.09	1.004533434	1.072489283	0	-0.0048878	No
CHKB	11.11	18.53	15.01	15.40	1.612716763	1.02458529	0.628725	0	No
BIK	9.49	11.61	10.82	10.58	1.202097235	0.979945003	0.172298	0	No
HMOX1	0.38	0.39	4.00	4.64	1.007246377	1.127588016	0	0	No
MCAT	90.81	51.78	18.71	21.85	0.57488291	1.159211805	-0.747446	0	No
THOC5	0.11	0.28	7.74	7.49	1.153153153	0.97123175	0.543263	-0.10042	No
MCM5	1.96	2.09	4.59	4.42	1.043918919	0.969507011	0	0	No
APOBEC3H	4.52	6.8	22.50	22.39	1.413043478	0.995323741	0.433897	0	No
ARSA	0.47	18.89	0.26	0.67	13.53061224	1.326948207	4.91895	0.386847	No

<i>TSPO</i>	0.96	1.1	4.82	5.44	1.071428571	1.106404487	0	0	No
<i>RASD2</i>	0.63	0.62	1.71	2.02	0.993865031	1.1147376	0	0	No
<i>TTLL12</i>	9.48	12.41	2.26	2.38	1.279580153	1.037778715	0.237291	0	No
<i>CBX7</i>	6.27	9.25	0.54	1.37	1.409903714	1.538044738	0.393965	0.668796	No
<i>PDGFB</i>	46.03	31.12	43.08	44.14	0.682968318	1.024022798	-0.48104	-0.0021724	No
<i>ACR</i>	11.09	14.07	163.08	158.30	1.246484698	0.970853237	0.237125	-0.138275	No
<i>RPL3</i>	11.19	11.28	179.90	156.11	1.007383101	0.868509427	0	-0.319612	No
<i>ZMAT5</i>	16.23	14.03	29.59	32.28	0.872315728	1.087867964	-0.0853236	0	No
<i>RBFOX2</i>	2.93	6.24	16.66	14.37	1.842239186	0.870591878	0.916839	-0.26862	No
<i>SYNGR1</i>	7.74	7.47	31.28	32.90	0.969107551	1.050325091	0	0	No
<i>TAB1</i>	11.49	10.54	24.52	26.27	0.923939151	1.068628556	-0.003235	0	No
<i>ASCC2</i>	27.02	29.85	47.40	49.99	1.100999286	1.053544008	0.0485173	0	No
<i>MTMR3</i>	39.9	47.19	58.06	62.16	1.178239609	1.069352311	0.112393	0	No
<i>MIEF1</i>	1.03	0.94	2.45	3.14	0.955665025	1.200735747	0	0.0262886	No
<i>APOL1</i>	1.64	1.97	8.59	12.32	1.125	1.389292411	0.0877885	0.283511	No
<i>PNPLA3</i>	8.4	12.83	15.37	15.79	1.471276596	1.025506754	0.509124	-0.0027231	No
<i>MYH9</i>	5.02	5.97	10.06	10.48	1.157807309	1.037797181	0.0739589	0	No
<i>SAMM50</i>	42.89	32.25	109.66	97.24	0.757575758	0.887775299	-0.293803	-0.231036	No
<i>TXN2</i>	24.5	28.53	42.30	37.41	1.158039216	0.887023691	0.0371894	-0.131053	No
<i>FOXRED2</i>	8.93	9.5	9.36	9.44	1.057401813	1.00787291	0	-0.0442927	No
<i>EIF3D</i>	2.31	2.55	70.30	67.49	1.072507553	0.96059802	0	-0.136545	No
<i>TNRC6B</i>	1.76	3.38	6.09	7.46	1.586956522	1.192806115	0.646749	0	No
<i>SGSM3</i>	10.77	8.78	52.60	50.76	0.830926083	0.965688171	-0.0826854	-0.114805	No
<i>IFT27</i>	7.09	7.63	11.44	13.75	1.066749073	1.185453097	0	0	No
<i>KIAA0930</i>	0.21	0.11	<0.1	NA	0.917355372	NA	0	NA	No
<i>NCF4</i>	9.74	7.14	152.54	146.87	0.757914339	0.963077046	-0.360285	-0.130808	No
<i>SLC25A17</i>	7.02	7.11	7.70	7.95	1.011221945	1.028651799	0	0	No
<i>UPK3A</i>	2.82	1.75	7.44	7.59	0.719895288	1.018236762	-0.445372	0	No
<i>FAM118A</i>	10.66	11.7	5.84	6.40	1.089193825	1.081968809	0	0	No
<i>KCTD17</i>	14.96	16.32	30.60	33.03	1.085213033	1.076879197	0.00361543	0	No
<i>ST13</i>	0.19	1	0.63	0.47	1.680672269	0.899833019	1.48431	0	No
<i>RBX1</i>	21.95	47.46	0.12	0.62	2.111546841	1.447861868	1.03847	0.641082	No
<i>EP300</i>	0.16	0.2	4.64	6.18	1.034482759	1.272282013	0	0.195307	No
<i>L3MBTL2</i>	9.09	11.51	16.30	18.66	1.239841427	1.13646376	0.174538	0	No
<i>CHADL</i>	2.02	5.71	<0.1	NA	2.221854305	NA	1.17563	NA	No
<i>RANGAP1</i>	0.2	0.64	0.17	0.10	1.366666667	0.939654818	1.24673	-0.103977	No
<i>ZC3H7B</i>	1.2	2.04	2.93	3.71	1.381818182	1.198300021	0.465087	0.0117435	No
<i>PHF5A</i>	7.99	8.69	16.50	19.06	1.077864294	1.14636363	0	0	No

<i>ACO2</i>	0.24	0.31	8.25	9.05	1.056451613	1.086714184	0	0	No
<i>POLR3H</i>	0.83	1.81	1.83	1.82	1.535519126	0.996985308	0.789524	0	No
<i>TRMU</i>	0.52	1.68	0.39	0.74	1.763157895	1.253524829	1.29179	0.474039	No
<i>PMM1</i>	11.05	13.72	2.07	2.29	1.221576763	1.072836014	0.137055	0	No
<i>DES1</i>	2.38	3.34	4.21	5.02	1.284023669	1.155703287	0.305765	0	No
<i>CERK</i>	7.59	9.2	15.23	14.72	1.187427241	0.968693176	0.176819	-0.0910537	No
<i>BRD1</i>	1.83	1.8	16.39	14.85	0.989399293	0.91143911	0	-0.0092745	No
<i>ZBED4</i>	70.26	64.77	163.03	159.51	0.922958181	0.978518909	-0.0646068	-0.0959929	No
<i>HDAC10</i>	0.33	4.91	35.66	28.42	4.443609023	0.802605948	3.10168	-0.33171	No
<i>ABHD4</i>	5.58	6.95	13.46	13.85	1.208206687	1.026647812	0.170481	0	No
<i>KHNYN</i>	0.63	0.79	0.92	1.42	1.098159509	1.262394755	0	0	No
<i>FKBP3</i>	19.84	24.16	<0.1	NA	1.207293666	NA	0.194538	NA	No
<i>SDR39U1</i>	21.33	27.85	131.02	137.75	1.291983878	1.051005728	0.259884	-0.0094996	No
<i>RBM23</i>	3.54	4.05	20.28	20.26	1.112334802	0.99907253	0.0375635	-0.0799046	No
<i>PRMT5</i>	0.92	0.71	1.59	2.04	0.890625	1.17430619	-0.0120292	0.0158575	No
<i>COCH</i>	4.65	6.41	2.85	3.63	1.311504425	1.202710724	0.311557	0.050968	No
<i>AP4S1</i>	13.19	14.91	4.93	5.78	1.121212121	1.143268834	0.0870999	0	No
<i>POLE2</i>	9.12	11.56	5.29	5.71	1.241106719	1.067229628	0.174437	0	No
<i>VCPKMT</i>	59.8	49.09	157.37	148.85	0.823848684	0.946188245	-0.216253	-0.160644	No
<i>SOS2</i>	0.22	0.46	0.66	1.04	1.196721311	1.230942801	0.368324	0	No
<i>CDKL1</i>	2.2	2.19	10.92	11.62	0.996875	1.058360783	0	0	No
<i>NIN</i>	14.78	13.12	36.80	36.91	0.894803549	1.002981404	-0.0515258	-0.0426141	No
<i>PYGL</i>	1.7	3	1.72	1.58	1.481481481	0.950211354	0.477724	0	No
<i>PSMC6</i>	1.18	1.69	14.65	17.74	1.233944954	1.197306548	0.194234	0	No
<i>GNPNAT1</i>	0.36	0.07	1.36	2.40	0.786764706	1.440923986	-0.410932	0.339906	No
<i>DDHD1</i>	3.36	9.26	0.89	2.34	2.353211009	1.76874089	1.26434	1.07635	No
<i>CDKN3</i>	23.35	20.29	113.80	123.22	0.874332649	1.082077846	-0.101732	0	No
<i>CNIH1</i>	37.48	33.01	<0.1	NA	0.883835759	NA	-0.0300295	NA	No
<i>CGRRF1</i>	2.66	4.39	17.51	20.21	1.472677596	1.145826622	0.514076	0	No
<i>ATP6V1D</i>	0.45	0.85	3.98	4.79	1.275862069	1.162338826	0.560193	0.0132473	No
<i>PLEK2</i>	11.18	10.7	32.49	29.08	0.960591133	0.89819313	0	-0.20224	No
<i>PIGH</i>	12.1	11.01	22.25	26.59	0.916793893	1.186848966	-0.0130029	0.015396	No
<i>PSMA3</i>	1.17	3.13	6.89	7.38	1.903225806	1.061670589	1.09407	0	No
<i>VTI1B</i>	3.36	3.72	0.31	0.22	1.082568807	0.932000198	0	0	No
<i>TIMM9</i>	6.43	6.47	<0.1	NA	1.00538358	NA	0	NA	No
<i>GSTZ1</i>	3.38	4.31	2.55	3.07	1.212328767	1.146521799	0.119938	0	No
<i>KIAA0586</i>	0.7	1.75	<0.1	NA	1.617647059	NA	0.606345	NA	No
<i>TMED8</i>	10.93	12.78	31.27	29.91	1.155071249	0.957899816	0.122456	-0.17594	No

<i>SAMD15</i>	6.54	5.39	0.28	0.29	0.847480106	1.010620861	-0.0794971	0	No
<i>AHSA1</i>	74.17	41.22	161.65	136.54	0.561660237	0.845623303	-0.78126	-0.336649	No
<i>DAAM1</i>	38.16	44.52	18.40	16.78	1.162410623	0.916308873	0.0785642	-0.181276	No
<i>SPTLC2</i>	3.04	2.73	0.60	0.90	0.923267327	1.186657224	0	0.0232518	No
<i>RIN3</i>	45.61	40.01	100.38	95.41	0.879854109	0.951003704	-0.108122	-0.167853	No
<i>LGMN</i>	6	6.87	<0.1	NA	1.124285714	NA	0.030647	NA	No
<i>ALKBH1</i>	38.98	23.35	10.06	10.34	0.609054527	1.025326912	-0.638814	0	No
<i>SNW1</i>	14.18	12.2	34.83	38.82	0.869565217	1.111313805	-0.0623374	0	No
<i>CHGA</i>	23.27	23.17	116.42	110.90	0.995879687	0.953022133	0	-0.178196	No
<i>ITPK1</i>	1.9	2.51	26.70	27.35	1.210344828	1.023455117	0.168665	-0.0055056	No
<i>DHRS7</i>	1.91	2.04	3.24	3.86	1.04467354	1.146482544	0	0	No
<i>PPM1A</i>	1.73	1.81	5.19	5.32	1.029304029	1.021372127	0	0	No
<i>SIX4</i>	47.31	51.22	67.75	67.26	1.080935624	0.992845328	0.0317116	-0.0962056	No
<i>CEP128</i>	13.61	12.62	0.82	1.28	0.932238193	1.254118737	0	0	No
<i>ERH</i>	14.14	10.61	28.63	30.83	0.766842801	1.074178146	-0.300682	0	No
<i>HIF1A</i>	0.45	0.43	1.36	1.62	0.986206897	1.109559931	0	0.0946085	No
<i>SUSD6</i>	0.31	0.21	0.51	0.71	0.923664122	1.132048292	0	0.0988627	No
<i>SRSF5</i>	1.59	2.5	7.50	8.95	1.351351351	1.170550101	0.469346	0.0161499	No
<i>EIF5</i>	2.68	2.88	12.97	15.50	1.054347826	1.18082279	0	0	No
<i>DICER1</i>	2.6	1.94	32.55	29.97	0.816666667	0.922954233	-0.257853	-0.206734	No
<i>ZFYVE21</i>	1.24	2.33	4.05	4.99	1.486607143	1.185149994	0.525157	0	No
<i>MTHFD1</i>	5.28	4.98	0.80	0.96	0.952229299	1.090542068	0	0	No
<i>ZC3H14</i>	0.41	0.77	<0.1	NA	1.255319149	NA	0.341221	NA	No
<i>TELO2</i>	1.5	2.11	21.43	22.59	1.244	1.051538099	0.264563	-0.0070137	No
<i>PCNX1</i>	12.67	14.51	<0.1	NA	1.134601317	NA	0.0089901	NA	No
<i>BDKRB1</i>	0.11	0.54	<0.1	NA	1.387387387	NA	0.92057	NA	No
<i>GSKIP</i>	1.69	1.96	4.66	4.86	1.100371747	1.034598397	0	0	No
<i>VRK1</i>	5.89	8.25	14.04	16.75	1.342525399	1.180377519	0.35268	0.0297693	No
<i>PSMC1</i>	8.3	6.82	13.23	16.00	0.840860215	1.194925727	-0.0581816	0.0400864	No
<i>PAPLN</i>	9.77	6.64	11.87	14.73	0.709377902	1.222093437	-0.385894	0.0429327	No
<i>PPP4R3A</i>	2.53	4.6	0.27	0.20	1.586402266	0.943153432	0.681467	0	No
<i>C14orf93</i>	2.62	2.5	10.14	13.57	0.966850829	1.308221623	0	0.200932	No
<i>PSMB5</i>	7.94	10.75	6.01	6.15	1.314317673	1.020487567	0.314597	0	No
<i>YY1</i>	12.77	16.66	26.86	31.32	1.282498184	1.160195313	0.230843	0	No
<i>ACIN1</i>	1.13	3.12	3.56	4.18	1.9342723	1.135782284	1.1491	0	No
<i>CCNB1IP1</i>	1.83	1.27	6.64	6.35	0.802120141	0.96207854	-0.183566	-0.0755091	No
<i>TRIP11</i>	1.3	1.78	1.50	1.77	1.208695652	1.107503685	0.140288	0	No
<i>APEX1</i>	0.34	2.75	0.59	1.23	2.798507463	1.401025709	2.58187	0.341511	No

<i>PABPN1</i>	2.93	5.86	6.79	7.72	1.745547074	1.119814694	0.758492	0	No
<i>ARHGAP5</i>	31.51	37.72	41.01	41.04	1.191018148	1.000823531	0.152121	0	No
<i>CINP</i>	4.58	6.39	1.53	1.69	1.32437276	1.06174701	0.288846	0	No
<i>DHRS2</i>	6.17	20.56	<0.1	NA	3.006973501	NA	1.59338	NA	No
<i>SRP54</i>	4.13	5.45	8.96	7.37	1.257309942	0.840367298	0.205409	-0.152673	No
<i>CHD8</i>	4.57	4.4	4.93	5.65	0.969479354	1.120999998	0	0	No
<i>PCK2</i>	3.51	4.27	2.99	3.17	1.168514412	1.04470715	0.10858	0	No
<i>PRORP</i>	1.02	2.16	1.64	1.91	1.564356436	1.100562	0.704175	0	No
<i>DCAF11</i>	1.18	2.33	0.31	1.00	1.527522936	1.52293854	0.694999	1.03257	No
<i>PSMA6</i>	5.04	6.86	14.36	14.82	1.301324503	1.03023359	0.224394	-0.0239989	No
<i>NFKBIA</i>	22.76	20.18	23.81	23.77	0.891414141	0.998190753	0	0	No
<i>EMC9</i>	5.02	5.3	16.86	15.57	1.046511628	0.92762816	0	-0.17863	No
<i>PSME2</i>	12.87	9.49	<0.1	NA	0.75630858	NA	-0.304086	NA	No
<i>BRMS1L</i>	4.15	5.66	98.03	128.61	1.293203883	1.308798012	0.170605	0.0996809	No
<i>REC8</i>	1.65	1.6	33.11	25.26	0.981132075	0.769981333	0	-0.490371	No
<i>TM9SF1</i>	3.1	3.75	0.20	0.40	1.158536585	1.168969503	0.0499922	0	No
<i>SEC23A</i>	2.24	1.8	15.74	19.12	0.864197531	1.202083637	0	0	No
<i>GMPR2</i>	5.7	5.25	27.16	30.07	0.932835821	1.103365281	0	0	No
<i>PNN</i>	0.69	1.97	<0.1	NA	1.75739645	NA	1.13991	NA	No
<i>RABGGTA</i>	1.75	3.23	4.01	3.73	1.538181818	0.943204116	0.476235	0	No
<i>NFATC4</i>	21.86	24.43	30.57	32.32	1.112423447	1.055562984	0.0800884	0	No
<i>PLTP</i>	0.15	0	0.67	0.69	0.869565217	1.012930062	-0.352227	0	No
<i>PCIF1</i>	0.52	0.72	25.58	26.10	1.131578947	1.019684426	0.126375	-0.0390948	No
<i>GSS</i>	10.19	13.21	19.66	21.41	1.269883825	1.08487541	0.216723	0	No
<i>MMP9</i>	1.24	1.93	3.82	4.67	1.308035714	1.175801794	0.350377	0.0290129	No
<i>TRPC4AP</i>	0.69	1.06	2.04	2.15	1.218934911	1.036966404	0.247179	0	No
<i>PYGB</i>	0.61	0.84	<0.1	NA	1.142857143	NA	0.133707	NA	No
<i>ABHD12</i>	7.08	5.43	<0.1	NA	0.795792079	NA	-0.223543	NA	No
<i>PROCR</i>	3.02	8.1	<0.1	NA	2.263681592	NA	1.20098	NA	No
<i>GIN51</i>	0.33	0.57	0.27	0.45	1.180451128	1.137901646	0.238282	0	No
<i>NINL</i>	8.49	6.61	16.56	18.20	0.801896733	1.093505629	-0.185072	0	No
<i>UQCC1</i>	5.43	8.37	5.92	6.93	1.457231726	1.146003515	0.445784	0	No
<i>ZMYND8</i>	127.67	79.46	73.32	68.51	0.625320588	0.935256676	-0.638521	-0.180706	No
<i>IFT52</i>	39.05	29.09	6.47	6.05	0.751310861	0.944334276	-0.350485	-0.0263641	No
<i>MYBL2</i>	4.19	5.6	1.62	1.88	1.271676301	1.100552788	0.280465	0	No
<i>HNF4A</i>	9.95	18.43	59.91	70.71	1.774429224	1.177354407	0.801216	0.00106823	No
<i>NDRG3</i>	15.25	17.9	7.56	7.54	1.163076923	0.997272829	0.0888694	0	No
<i>RAB5IF</i>	3.57	4.3	4.32	4.43	1.159737418	1.020008322	0.0127432	0	No

<i>NFATC2</i>	0.66	0.48	<0.1	NA	0.891566265	NA	-0.0009388	NA	No
<i>RIMS4</i>	1.66	2.06	6.10	7.23	1.15037594	1.158566666	0.0360247	0	No
<i>PABPC1L</i>	3.69	2.94	5.41	4.88	0.840085288	0.917342194	-0.0285887	0	No
<i>STK4</i>	2.61	2.74	9.79	9.94	1.03601108	1.014118723	0	-0.0340772	No
<i>SALL4</i>	4.56	5	<0.1	NA	1.079136691	NA	0	NA	No
<i>ADNP</i>	1.93	2.07	0.17	0.31	1.04778157	1.116441091	0	0.157021	No
<i>PFDN4</i>	11.15	12.43	<0.1	NA	1.105349794	NA	0.0272771	NA	No
<i>CSTF1</i>	6.71	9.38	24.02	26.29	1.346303502	1.090721283	0.371064	0	No
<i>BMP7</i>	41.92	50.68	89.52	85.13	1.204100652	0.951540066	0.203407	-0.133863	No
<i>RAE1</i>	2.51	2.81	1.65	1.94	1.085470085	1.109497137	0	0	No
<i>TPD52L2</i>	2.8	2.22	7.03	6.80	0.847368421	0.971422394	-0.0672229	0	No
<i>DNAJC5</i>	5.91	7.39	7.57	9.13	1.214182344	1.182410613	0.192712	0.0524437	No
<i>NELFCD</i>	3.3	3.5	3.39	3.15	1.046511628	0.94642153	0	-0.008557	No
<i>CTSZ</i>	1.24	1.36	2.01	2.68	1.053571429	1.222279233	0	0	No
<i>PRPF6</i>	2.1	4.1	2.42	2.50	1.64516129	1.022040619	0.609831	0	No
<i>PRELID3B</i>	1.6	1.97	5.50	5.56	1.142307692	1.008947219	0.070332	-0.0434381	No
<i>MTG2</i>	13.87	16.25	43.45	46.95	1.1600538	1.078792889	0.0884929	0	No
<i>PSMA7</i>	1.73	2.48	3.54	4.13	1.274725275	1.129313087	0.051781	0	No
<i>SLCO4A1</i>	2.66	1.92	3.30	3.27	0.797814208	0.993123122	-0.21291	0	No
<i>MRGBP</i>	3.5	5.12	4.42	4.17	1.36	0.954521778	0.322187	-0.0092962	No
<i>TCFL5</i>	1.79	2.65	3.17	3.45	1.308243728	1.06702554	0.168507	0	No
<i>DIDO1</i>	2.31	5.46	0.88	1.32	1.951661631	1.233123414	0.859843	0	No
<i>GID8</i>	1.76	2.2	2.94	2.56	1.15942029	0.902404368	0	-0.0412317	No
<i>ARFGAP1</i>	2.92	3.18	5.32	4.68	1.066326531	0.89801515	0	-0.134538	No
<i>EEF1A2</i>	2.4	2.96	1.07	1.12	1.164705882	1.024738461	0.114561	0	No
<i>PTK6</i>	486	354.8	1479.31	1444.29	0.730595483	0.976343465	-0.425452	-0.176445	No
<i>GMEB2</i>	7.93	8.56	12.32	13.15	1.070548712	1.062473529	0.0155343	0	No
<i>C20orf27</i>	6.41	9.22	12.81	13.21	1.379217274	1.028810014	0.375409	0	No
<i>SPEF1</i>	19.04	18.83	3.70	4.72	0.989520958	1.217980924	0	0	No
<i>CDC25B</i>	5.05	5.2	461.12	443.47	1.024793388	0.961798358	0	-0.180573	No
<i>RNF24</i>	6.73	5.23	55.91	58.75	0.805950841	1.049833227	-0.228549	-0.0585421	No
<i>ARFRP1</i>	8.03	12.39	213.36	240.57	1.482834994	1.126925224	0.450637	0.0204087	No
<i>NDUFAF5</i>	21.21	23.7	51.47	55.25	1.112111661	1.071990219	0.0499439	-0.0484956	No
<i>TRIB3</i>	18.41	16.73	37.99	26.70	0.913446677	0.710358171	0	-0.600087	No
<i>RASSF2</i>	2.69	2.88	5.62	5.98	1.051490515	1.054623504	0	0	No
<i>CSNK2A1</i>	2.57	4.12	4.93	5.47	1.434173669	1.091581146	0.519551	0	No
<i>SLC52A3</i>	211.83	215.11	316.44	306.70	1.015411361	0.969317243	0	-0.159041	No
<i>RPS10P5</i>	1.79	1.57	<0.1	NA	0.921146953	NA	0	NA	No

ANGPT4	19.16	26.46	25.97	25.20	1.362103175	0.971274172	0.364389	-0.0766265	No
CDS2	114.14	112.21	123.69	120.69	0.983237797	0.975914738	0	-0.0726614	No
HM13	2.18	7.34	<0.1	NA	2.622641509	NA	1.55309	NA	No
SNPH	0.92	1.69	1.57	2.28	1.401041667	1.277828265	0.540406	0.119682	No
MYLK2	11.27	12.82	9.46	9.03	1.126324368	0.959228994	0.0473904	-0.141925	No
SIRPB1	5.28	6.46	4.92	4.25	1.187898089	0.887451858	0.110963	-0.249573	No
SEC23B	38.27	35.96	38.02	37.23	0.941176471	0.979658133	0	-0.114145	No
FERMT1	26.21	24.68	106.73	104.05	0.943770673	0.975116459	0	-0.111014	No
CCM2L	6.44	4.03	1.05	1.63	0.676075269	1.282204103	-0.417065	0	No
PLCB4	12.56	13.31	24.87	23.73	1.055309735	0.956054168	0	-0.149916	No
MYL9	12.26	11.87	1.58	1.81	0.970588235	1.089365261	0	0	No
TM9SF4	90.43	52.35	42.99	52.99	0.583506508	1.227363688	-0.721462	0.0778465	No
CRNKL1	0.55	2.38	2.46	2.62	2.180645161	1.045466583	1.69795	0	No
POFUT1	1.29	1.44	4.84	5.23	1.065502183	1.066630509	0	0	No
SAMHD1	7.62	8.36	22.25	23.92	1.085846868	1.071641326	0	0	No
KIF3B	4.18	4.45	2.90	3.25	1.052123552	1.090264717	0	0	No
MROH8	0.99	0.92	<0.1	NA	0.964824121	NA	0	NA	No
NOP56	3.21	3.28	2.91	2.67	1.016627078	0.937972626	0	0	No
MANBAL	5.7	5.97	20.91	21.09	1.040298507	1.008404565	0	-0.0415038	No
IDH3B	1.22	1.36	2.33	2.46	1.063063063	1.039542429	0	0	No
MAPRE1	4.1	5.79	14.64	17.04	1.331372549	1.153710667	0.342517	0	No
JAG1	4.18	9.44	3.84	4.63	2.015444015	1.163257593	0.958675	0	No
CDK5RAP1	3.75	4.68	39.82	37.45	1.195789474	0.942058064	0.0902762	-0.145394	No
SNTA1	1.1	1.1	0.80	0.91	1	1.059919713	0	0	No
TTI1	8.74	9.54	18.23	20.54	1.082135524	1.120054148	0	0	No
E2F1	1.07	1.67	9.25	8.05	1.289855072	0.882897843	0.287521	-0.232391	No
RPRD1B	0.19	0.35	1.37	1.31	1.134453782	0.976652238	0	0	No
PXMP4	4.36	6.71	0.60	0.77	1.438432836	1.104723556	0.437761	0	No
CHMP4B	3.65	5.64	11.09	9.54	1.427956989	0.872191349	0.423555	-0.237826	No
CST4	298.69	212.13	68.07	60.89	0.711168207	0.896118809	-0.457274	-0.187097	No
ACTR5	9.2	7.24	4.88	5.57	0.807843137	1.118179445	-0.198703	0	No
WFDC2	9.88	13.33	9.59	10.49	1.317095588	1.085157168	0.271714	0	No
AHCY	61.61	77.66	1.16	1.80	1.256348826	1.295858138	0.283669	0	No
FAM83D	0.2	1.28	1.55	1.16	1.9	0.847798202	1.2095	-0.0460981	No
DHX35	6.43	7.12	11.54	13.36	1.092866756	1.14477273	0	0	No
DNTTIP1	2.62	2.92	11.60	11.81	1.082872928	1.01673986	0	-0.0069537	No
MAP1LC3A	1.58	2.45	0.11	0.30	1.337209302	1.174540091	0.374784	0.670651	No
PIGU	4.02	5.71	8.63	8.77	1.336653386	1.014883444	0.320179	0	No

TNNC2	4.97	6.69	28.31	29.37	1.288107203	1.03611866	0.16979	0	No
ACOT8	4.42	4.34	30.45	34.92	0.985239852	1.142096728	0	0	No
APMAP	11.15	17.6	60.94	52.29	1.530864198	0.860340019	0.538521	-0.317723	No
ZNF516	4.82	4.68	8.23	10.19	0.975945017	1.212568177	0	0	No
ADNP2	2.57	3.83	4.17	4.50	1.352941176	1.06429446	0.373626	0	No
RBFA	13.09	10.47	19.26	22.10	0.81405252	1.140062656	-0.192958	0	No
USP14	6.84	8.49	28.56	33.34	1.210459184	1.161564819	0.113085	0.0550817	No
VAPA	8.63	9.86	12.90	15.40	1.127725857	1.17950105	0.0646693	0	No
METTL4	80.89	112.64	120.76	144.85	1.387715228	1.197829766	0.408496	0.0299827	No
LPIN2	57.28	49.24	19.50	17.43	0.862045299	0.898844222	-0.150022	-0.309738	No
SMCHD1	39.78	52.06	25.18	28.76	1.301128004	1.136793601	0.282627	0	No
MYOM1	7.2	7.61	19.57	23.33	1.05	1.183015172	0	0.0180746	No
MYL12A	2.27	3.69	16.97	19.61	1.434250765	1.146854689	0.436762	0	No
CEP76	2.42	2.03	3.87	4.72	0.885964912	1.175292552	0	0	No
CEP192	41.16	44.19	33.41	29.85	1.07186907	0.89646588	0.0309537	-0.209953	No
RNMT	3.15	3.07	10.15	12.81	0.980722892	1.238516905	0	0.0644501	No
SMAD7	4.05	6.72	4.15	6.22	1.528712871	1.402256065	0.475717	0.158949	No
LIPG	34.7	35.46	22.25	21.77	1.021288515	0.979550015	0	-0.0834947	No
RNF125	34.55	26.41	82.66	76.77	0.771026723	0.929647527	-0.272798	-0.14429	No
ANKRD12	10.61	12.42	2.44	2.54	1.155900086	1.028998998	0.0504665	0	No
MIB1	4.39	16.44	1.11	2.64	3.235621521	1.725642432	1.66208	0.885977	No
RBBP8	0.33	0.62	<0.1	NA	1.218045113	NA	0.448339	NA	No
RIOK3	22.77	22.54	37.08	40.19	0.990323938	1.081723011	0	0	No
CSTF2	60.13	54.19	99.99	98.95	0.902830034	0.989665295	-0.0756914	-0.0512767	No
PSMD10	0.97	1	2.06	2.33	1.015228426	1.086856995	0	0	No
ATG4A	11.4	11.37	22.76	25.70	0.997580645	1.123531686	0	0	No
STS	4.78	6.63	4.76	4.84	1.320069204	1.013628842	0.252561	0	No
TBL1X	0.27	3.34	153.43	122.53	3.417322835	0.799931842	2.91538	-0.396791	No
GPR143	11.3	13.73	23.96	24.18	1.197560976	1.008852549	0.205575	-0.0806218	No
PGRMC1	10.82	9.27	7.97	8.41	0.868866328	1.048616036	-0.0200245	0	No
POLA1	1.02	0.65	1.98	2.27	0.816831683	1.097139754	-0.221857	0	No
MID1	2.79	3.51	6.26	5.65	1.189973615	0.915705291	0.0137353	-0.0996712	No
NKAP	4.8	4.44	8.53	8.84	0.937931034	1.032917299	0	0	No
NXT2	63.87	62.01	20.41	19.24	0.97132727	0.945327849	0	-0.103978	No
ALG13	21.63	31.98	92.08	96.48	1.45735749	1.04732026	0.429052	-0.0035266	No
PRPS2	1.17	1.94	<0.1	NA	1.35483871	NA	0.284033	NA	No
MOSPD1	3092.18	3514.25	1657.09	1700.60	1.136451807	1.026239371	0.164094	-0.059101	No
AMMECR1	21.23	30.6	85.93	93.87	1.421502474	1.091330558	0.428293	0	No

CHRD1	30.6	30.14	165.89	165.88	0.985443038	0.999949634	0	-0.0920736	No
WDR13	4.63	5.43	4.00	5.16	1.142095915	1.232663802	0.00567143	0.0544954	No
SUV39H1	22.64	21.43	42.17	45.82	0.948815567	1.084544706	0	0	No
XIAP	0.15	0.16	26.73	25.79	1.008695652	0.966073511	0	-0.13188	No
STAG2	22.77	23.27	34.21	36.35	1.021034918	1.060911347	0	-0.0075035	No
ATP11C	8.93	10.42	19.26	23.45	1.150050352	1.206987996	0.065235	0	No
ABCD1	11.81	13.4	12.17	12.32	1.12412178	1.011504321	0.040292	0	No
CCDC22	0.22	2.03	8.91	13.18	2.483606557	1.431332609	2.44635	0.276176	No
SYP	5.55	7.59	10.38	9.93	1.311450382	0.960091784	0.292013	-0.0702626	No
PLP2	1.19	1.58	<0.1	NA	1.178082192	NA	0.160151	NA	No
PLS3	8.1	11.09	19.32	21.74	1.328571429	1.118886506	0.303362	0	No
NAA10	3.21	4.22	23.84	26.22	1.239904988	1.095625075	0.0873734	0	No
ELF4	3.56	3.48	34.63	33.66	0.98245614	0.97276509	0	-0.132199	No
MTMR8	3.88	4.01	1.57	2.06	1.026639344	1.191489425	0	0	No
ASB9	2.26	2.96	2.20	2.49	1.214723926	1.090279781	0.0733876	0	No
RBBP7	14.84	14.14	<0.1	NA	0.955808081	NA	0	NA	No
KCND1	5.68	5.8	17.16	15.66	1.017964072	0.917420281	0	-0.20757	No
SLC25A14	35.63	32.68	106.58	103.86	0.919464919	0.974744198	-0.0647215	-0.106114	No
FMR1	2.34	3.52	11.78	15.02	1.353293413	1.253842182	0.354904	0.14618	No
PIM2	104.69	90.06	175.74	167.55	0.861576308	0.953637336	-0.187487	-0.175322	No
SLC35A2	6.42	12.66	37.73	43.94	1.84097035	1.160403292	0.840955	0.00988282	No
PQBP1	4.74	4.63	40.04	46.39	0.980836237	1.15471552	0	0	No
PCSK1N	8.68	12.79	0.50	0.82	1.424586777	1.211337707	0.363731	0.158804	No
EMD	50.48	49.57	45.11	41.95	0.982323232	0.931574491	0	-0.15049	No
TAZ	20.45	11.8	10.54	9.81	0.596736597	0.936911929	-0.615065	0	No
PGK1	7.98	8.79	11.53	12.82	1.090200445	1.103135504	0	0	No
MAGT1	2.46	2.55	8.40	6.46	1.026011561	0.793580971	0	-0.344182	No
SMS	3.43	2.78	6.90	6.71	0.853273138	0.975518694	-0.0544558	0	No
PHEX	5.51	6.23	3.16	2.84	1.110599078	0.923738987	0	-0.185695	No
UBL4A	0.95	0.86	2.09	2.37	0.953846154	1.090588206	0	0	No
CD99L2	17.5	21.17	42.81	39.62	1.198378378	0.927242612	0.178526	0	No
EEA1	1.19	0.84	0.27	0.31	0.840182648	1.033860412	-0.196077	0	No
RP2	6.2	8.01	26.87	28.07	1.251388889	1.043106778	0.221664	0	No
JADE3	70.28	75.74	247.45	212.58	1.076599327	0.859630902	0.0476973	-0.317348	No
CDK16	22.69	27.47	7.54	9.59	1.2017729	1.239788894	0.187708	0.0573675	No
USP11	9.98	10.22	0.11	0.23	1.021857923	1.111850195	0	0	No
HTATSF1	18.56	22.9	14.15	15.20	1.221881391	1.069376712	0.127018	0	No
VGLL1	5.23	14.36	5.95	5.88	2.465489567	0.989856887	1.27329	0	No

<i>TIMP1</i>	100.91	103.27	61.49	58.60	1.023157688	0.953709381	0	-0.130163	No
<i>GABRE</i>	7.87	6.89	<0.1	NA	0.88951522	NA	-0.0654249	NA	No
<i>FGD1</i>	24.67	26.99	17.30	18.60	1.090377873	1.071301746	0	0	No
<i>PIN4</i>	16.53	17.95	0.33	0.49	1.081003993	1.120749158	0.0340119	0	No
<i>PORCN</i>	0.99	1	<0.1	NA	1.005025126	NA	0	NA	No
<i>MAGED2</i>	5.81	5.74	0.28	0.17	0.989720999	0.911352568	0	0	No
<i>RBM3</i>	17.83	18.74	15.12	16.90	1.048327138	1.1106042	0	0	No
<i>KLF8</i>	7.57	9.12	7.68	7.06	1.180863477	0.928771603	0.0309658	0	No
<i>SRPX2</i>	0.15	0.36	<0.1	NA	1.182608696	NA	0.453624	NA	No
<i>SYTL4</i>	0.25	1.61	0.36	0.62	2.088	1.192258157	1.79306	0	No
<i>CENPI</i>	16.33	16.63	30.35	34.10	1.017311021	1.119754325	0	0	No
<i>PBDC1</i>	15.11	17.72	<0.1	NA	1.162011173	NA	0.0800317	NA	No
<i>GLA</i>	1.02	1.25	1.68	1.50	1.113861386	0.931732034	0	0	No
<i>ARMCX3</i>	5.6	3.85	4.68	4.89	0.734848485	1.037249921	-0.318538	0	No
<i>BEX4</i>	3.32	4.93	0.89	0.88	1.372685185	0.996012359	0.39009	0	No
<i>NALCN</i>	10.85	10.05	7.13	7.36	0.932489451	1.028398227	0	0	No
<i>NDVIP2</i>	53.97	45.48	2.54	2.37	0.845552119	0.950773813	-0.155988	0	No
<i>FNDC3A</i>	102.87	108.5	72.66	73.60	1.054202368	1.012780277	0.0102694	-0.0386541	No
<i>MLNR</i>	24.11	23.75	12.27	12.69	0.985663082	1.031328628	0	0	No
<i>CDADC1</i>	7.75	12.46	3.35	3.76	1.538285714	1.093189123	0.515064	0	No
<i>CAB39L</i>	2.1	1.71	3.27	3.58	0.874193548	1.072465157	-0.023624	0	No
<i>KLF5</i>	2.98	2.47	1.74	1.83	0.871859296	1.033351251	0	0	No
<i>STK24</i>	0.15	0.53	0.71	0.75	1.330434783	1.024359688	0.408279	0	No
<i>DNAJC3</i>	0.18	0.65	0.32	1.36	1.398305085	1.785561614	0.238716	0.999512	No
<i>UGGT2</i>	10.13	10.75	0.36	0.35	1.055705301	0.990753402	0	0	No
<i>ARHGEF7</i>	17.93	24.51	49.22	50.59	1.347596408	1.027260544	0.32026	-0.0215495	No
<i>PARP4</i>	1.12	1.29	7.15	7.94	1.080188679	1.09657529	0	0	No
<i>SUPT20H</i>	42.88	66.66	163.82	186.62	1.541932543	1.138341013	0.547873	0	No
<i>MRPS31</i>	13.99	15.17	34.00	33.20	1.078719146	0.977149057	0.0154511	-0.0659683	No
<i>SLC25A15</i>	75.46	75.9	407.30	411.00	1.005754643	1.009062251	0	-0.100467	No
<i>KPNA3</i>	0.93	1.43	<0.1	NA	1.259067358	NA	0	NA	No
<i>RGCC</i>	2.46	2.59	31.08	28.10	1.037572254	0.907009326	0	-0.185191	No
<i>VWA8</i>	0.65	0.72	12.21	12.05	1.042424242	0.987633246	0	-0.0044318	No
<i>DGKH</i>	2.19	3.42	4.51	4.73	1.385579937	1.040098096	0.267555	0	No
<i>KATNAL1</i>	2.88	3.58	1.33	1.61	1.180412371	1.119438567	0.00344879	0	No
<i>INTS6</i>	6.38	10.25	60.32	59.51	1.524390244	0.986816207	0.571938	-0.111811	No
<i>DHRS12</i>	8.94	11.22	4.60	4.80	1.229376258	1.036074456	0.202253	0	No
<i>TSC22D1</i>	4.3	10.04	12.40	14.47	2.083018868	1.154132656	1.05085	0	No

CLN5	32.19	48.92	24.98	26.27	1.50406749	1.049682435	0.503112	0	No
MSLN	0.15	0.15	5.36	6.27	1	1.142478179	0	0	No
MGRN1	3.3	5.85	44.66	39.21	1.593023256	0.880567378	0.682869	-0.26893	No
ZNF629	2.34	8.12	<0.1	NA	2.730538922	NA	1.46961	NA	No
TRADD	3.34	3.19	2.36	2.10	0.965437788	0.922463857	0	0	No
HSF4	27.26	19.63	28.38	29.92	0.730007077	1.052478706	-0.399691	0	No
CORO1A	397.93	301.82	1296.25	1147.70	0.75908054	0.885486225	-0.369183	-0.2907	No
MAPK3	22.64	32.98	10.54	14.25	1.437394247	1.321537062	0.465535	0.179899	No
GDPD3	0.26	1.05	0.51	0.59	1.626984127	1.052155984	0.224034	0	No
ELMO3	0.96	1.67	1.04	1.04	1.362244898	1.002154961	0.442449	0	No
PHKB	8.37	14.81	7.53	7.13	1.687299893	0.952752021	0.65146	0	No
LYRM1	190.25	195.68	91.74	86.70	1.028392157	0.945681207	0	-0.127653	No
NUTF2	4.59	7.56	6.13	6.67	1.531305903	1.075673902	0.506305	0	No
NUP93	62.44	47.51	135.89	122.58	0.764659521	0.902776157	-0.308548	-0.212182	No
CENPT	31.5	46.17	139.57	158.74	1.451384615	1.136369577	0.483883	0.018259	No
TSNAXIP1	33.15	20.22	23.41	21.03	0.621376281	0.902437667	-0.552956	-0.185927	No
NFAT5	40.91	38.15	33.74	40.96	0.934144596	1.207772683	0	0	No
LONP2	1.43	3.43	1.40	2.24	1.823045267	1.351365986	0.914752	0.209706	No
N4BP1	8.9	8.51	49.19	40.84	0.960606061	0.83369522	0	-0.267827	No
ARL2BP	35.34	13.1	0.13	0.42	0.388002201	1.255700594	-1.29447	0	No
PLLP	2.43	6.87	16.61	14.72	2.294460641	0.892499539	1.2228	0	No
CCL22	249.3	176.78	152.99	152.44	0.710267679	0.996431927	-0.461968	-0.0889325	No
DHODH	7.75	15.02	73.66	76.77	1.830857143	1.041605205	0.776363	-0.0319285	No
CCL17	1.43	1.6	3.00	4.18	1.069958848	1.294842184	0	0.150945	No
CTCF	0.33	0.51	0.49	0.84	1.135338346	1.236898903	0	0	No
ACD	105.14	74.34	129.50	121.69	0.709817223	0.940138682	-0.439582	-0.158009	No
POLR2C	1.56	1.11	1.29	1.31	0.82421875	1.0104136	-0.03041	0	No
PAR6A	21.56	21.72	52.49	52.01	1.007092199	0.990975174	0	-0.0791141	No
ZNF821	1.02	1.57	2.66	3.02	1.272277228	1.097203652	0.334505	0	No
MMP15	3.67	3.54	2.52	2.73	0.972162741	1.059019989	0	0	No
USB1	0.51	4.64	192.50	199.71	3.735099338	1.037251693	2.71389	-0.0575771	No
CYB5B	1.03	2.06	1.02	1.24	1.507389163	1.108236978	0.566523	0	No
CCDC113	17.64	21.56	1.12	1.41	1.210300429	1.136262444	0.164226	0.0565553	No
NME3	15.26	17.33	12.85	14.19	1.127306273	1.096666437	0.0746907	0	No
NDRG4	1.53	1.87	4.21	4.96	1.134387352	1.143812655	0.109334	0	No
PSMD7	63.27	45.45	44.80	44.88	0.722732223	1.001775329	-0.358453	0	No
SETD6	9.38	17.6	13.50	13.55	1.791907514	1.003652377	0.782134	-0.0393822	No
SLC38A7	18.21	13.84	18.48	18.29	0.772514315	0.990330371	-0.287245	0	No

VAC14	10.21	13.48	38.22	39.39	1.291703836	1.029900419	0.313913	0	No
HAS3	2.29	2.27	32.61	34.23	0.993920973	1.048183394	0	0	No
TANGO6	12.66	13.76	17.35	21.13	1.080527086	1.20609944	0	0.00533595	No
COG4	21.91	35.69	5.31	5.03	1.601484068	0.955760925	0.585609	0	No
SMPD3	3.25	3.77	33.70	32.67	1.122352941	0.970403484	0	-0.0630052	No
SLC7A6OS	12.5	11.34	192.23	199.74	0.914074074	1.038853449	0	0	No
SLC7A6	46.78	53.14	83.85	87.79	1.133110088	1.046473551	0.0917418	-0.002425	No
PLA2G15	5.8	7.85	39.09	37.58	1.301470588	0.962313497	0.301087	-0.115975	No
ESRP2	30.02	26.8	48.62	48.89	0.896196003	1.005399698	-0.0892296	-0.0382039	No
FA2H	12.07	13.57	12.05	12.36	1.114766641	1.023681342	0	0	No
WDR59	2.28	1.41	14.70	13.17	0.734756098	0.902745882	-0.398225	-0.170946	No
MON1B	8.35	9.71	13.51	13.58	1.145454545	1.004996693	0.0144136	-0.0133497	No
CMC2	18.52	15.71	46.36	49.25	0.856045082	1.060948619	-0.104087	0	No
AXIN1	32.84	35.08	45.91	52.21	1.066193853	1.134285671	0.0163444	0	No
HCFC1R1	60.78	51.93	<0.1	NA	0.856749757	NA	-0.16484	NA	No
NPRL3	5.35	6.21	12.10	11.80	1.135433071	0.977086772	0.0327478	0	No
MLYCD	12.54	13.55	34.35	35.48	1.074593796	1.031871539	0	0	No
MPG	0.29	0.83	2.36	2.53	1.418604651	1.049543709	1.0653	0	No
NECAB2	12.53	12.23	11.80	12.84	0.977827051	1.081001827	0	0	No
HSDL1	18.63	18.15	308.53	276.84	0.975547631	0.897605159	0	-0.273301	No
TAF1C	9.18	14.04	1.19	1.32	1.47740668	1.057975051	0.449427	0	No
NAGPA	5.7	7.77	11.15	12.66	1.308955224	1.124336584	0.232405	0	No
COTL1	3.69	5.53	15.26	17.69	1.392324094	1.149526752	0.414973	0	No
USP10	16.36	14.86	9.32	10.21	0.91359447	1.086009857	0	0	No
CRISPLD2	4.32	6.82	5.80	6.16	1.469924812	1.053566541	0.503837	0	No
TSC2	67.73	46.95	<0.1	NA	0.6976575	NA	-0.482666	NA	No
ZNF500	14.46	12.56	15.12	14.88	0.877102199	0.984816556	-0.123318	-0.0705612	No
NME4	15.66	18.01	15.65	14.29	1.141056423	0.918314703	0.0756251	-0.148472	No
ABCC1	3.3	4.64	4.02	5.14	1.311627907	1.22224247	0.336009	0.0858148	No
NOMO3	2.23	4.27	13.64	15.56	1.631578947	1.131096247	0.722807	0	No
LMF1	1.04	3.14	0.11	0.13	2.029411765	1.01632502	1.0563	0	No
FOXF1	40.17	29.68	27.80	27.63	0.745202818	0.994056709	-0.303172	-0.0116673	No
CIAO3	2.83	4.38	1.87	2.07	1.404699739	1.070293573	0.433971	0	No
MTHFSD	4.66	5.92	7.19	7.42	1.222614841	1.027526949	0.137582	0	No
CLCN7	2.53	2.92	8.75	9.62	1.110481586	1.088908189	0	0	No
HAGHL	0.29	0.08	<0.1	NA	0.837209302	NA	0	NA	No
ANTKMT	3.84	3.75	11.81	12.63	0.981404959	1.063872921	0	0	No
SLC7A5	14.26	10.83	8.41	7.94	0.775229358	0.950304653	-0.257313	0	No

METR1	1.88	3.84	4.68	5.65	1.680555556	1.17117947	0.703845	0	No
FBXO31	13.15	11.21	0.95	1.21	0.862897527	1.13328041	-0.119283	0	No
STUB1	5.3	6.54	36.04	38.74	1.196825397	1.073027477	0.102543	0	No
RHBDL1	0.26	0.15	2.97	3.63	0.912698413	1.165410126	-0.138653	0	No
NUBP1	1.69	1.43	40.22	44.90	0.903345725	1.113609494	0	0	No
UBE2I	0.28	0.28	5.22	6.08	1	1.137621403	0	0	No
MEFV	27.3	26.01	1.06	1.14	0.954416961	1.03814055	0	0	No
EEF2K	4.55	3.58	<0.1	NA	0.825225225	NA	-0.200612	NA	No
CAPN15	57.41	44.62	53.78	53.47	0.781030645	0.994423801	-0.257713	-0.0286797	No
PIZO1	8.12	5.77	12.62	11.06	0.742324561	0.885398748	-0.338875	-0.220959	No
GSPT1	0.21	0.22	0.22	0.29	1.008264463	1.058779331	0	-0.0585277	No
ZNF174	32.97	43.31	32.92	31.22	1.304386223	0.949877209	0.308554	-0.168694	No
CLUAP1	43.42	55.04	42.26	35.60	1.261593877	0.846125874	0.259162	-0.335926	No
UBFD1	7.06	7.85	<0.1	NA	1.098014888	NA	0.0284421	NA	No
EARS2	12.75	8.43	44.09	41.40	0.685818182	0.940413809	-0.391154	-0.0935691	No
ELOB	9.97	14.41	25.72	32.82	1.404740201	1.265626859	0.377159	0.1166	No
GGA2	3.43	3.46	11.54	11.07	1.006772009	0.962495699	0	-0.0028804	No
CPPED1	22.77	17.61	32.97	31.01	0.782919647	0.942343058	-0.22911	-0.0961021	No
USP31	3.27	2.19	0.12	0.28	0.7470726	1.143550244	-0.39307	0.102586	No
HMOX2	2.7	5.17	10.69	12.14	1.667567568	1.123750957	0.642493	0	No
DNAJA3	16.95	17.43	55.02	55.14	1.026740947	1.00216484	0	-0.0359966	No
BFAR	0.24	2.19	0.44	0.61	2.572580645	1.119890078	2.52055	0	No
RBL2	9.41	8.61	24.68	28.71	0.923150817	1.15712485	0	0	No
QPR1	1.58	1.35	20.40	22.45	0.910852713	1.095884218	0	0	No
XYLT1	6.82	6.96	4.70	5.72	1.017902813	1.17935376	0	0	No
PYCARD	2.45	2.86	1.52	1.67	1.11884058	1.058078425	0.00208751	0	No
RPGRIP1L	10.85	16.77	4.33	5.07	1.499578059	1.138464158	0.543395	0	No
MAZ	77.03	75.22	169.84	170.79	0.976803793	1.005567902	0	-0.088167	No
STX4	0.28	0.5	<0.1	NA	1.171875	NA	0.0404706	NA	No
CDIPT	29.1	41.14	66.05	71.55	1.4	1.081997723	0.427987	0	No
BCKDK	17.76	20.03	10.18	10.98	1.121002132	1.071918741	0.0785094	0	No
KAT8	6.3	10.48	8.13	8.76	1.57260274	1.069190281	0.498508	0	No
NOMO1	2.4	7.61	0.35	0.33	2.532352941	0.98505859	1.36592	0	No
IL21R	18.08	23.53	7.65	8.34	1.285639413	1.08029303	0.233134	0	No
SYT17	1.83	2.54	5.93	7.10	1.250883392	1.168854345	0.264878	0.0255628	No
TMC5	4.34	7.31	7.53	6.92	1.556179775	0.92845055	0.60768	-0.108971	No
CCP110	7.12	12.07	10.99	11.95	1.609605911	1.080374149	0.578952	0	No
VPS35L	4.36	7.79	24.10	27.28	1.639925373	1.126800404	0.647121	0	No

<i>SLC6A2</i>	38.55	20.7	251.68	175.21	0.548672566	0.69735259	-0.827196	-0.627009	No
<i>RNF40</i>	0.2	4.53	9.76	12.61	4.608333333	1.265224983	3.72793	0	No
<i>KNOP1</i>	99.4	141.62	55.49	52.50	1.420517928	0.947091861	0.454901	-0.146253	No
<i>AAGAB</i>	133.01	112.48	732.29	764.60	0.846802477	1.04406221	-0.194585	-0.0937505	No
<i>IQCH</i>	2.34	4.07	4.92	5.61	1.517964072	1.116055003	0.628412	0	No
<i>LACTB</i>	0.19	1.42	<0.1	NA	2.033613445	NA	1.32043	NA	No
<i>CORO2B</i>	2.82	6.44	9.79	12.15	1.947643979	1.218863241	1.01308	0.0905514	No
<i>CSK</i>	6.22	5.64	3.05	2.88	0.91966759	0.95911936	0	-0.0332115	No
<i>HERC1</i>	8.99	22.24	3.09	12.35	2.326326326	3.264199506	1.1948	1.53366	No
<i>TRIP4</i>	4.01	5.32	34.99	29.61	1.261477046	0.85041925	0.207828	-0.236967	No
<i>MTFMT</i>	3.85	4.37	14.29	15.99	1.107216495	1.110877244	0	0	No
<i>ACSBG1</i>	0.92	1.39	2.85	3.55	1.244791667	1.180649468	0.24614	0.0347885	No
<i>IGDCC4</i>	6.69	10.62	23.75	25.12	1.511053316	1.055203021	0.534316	0	No
<i>RAB11A</i>	22.53	29.98	52.35	54.71	1.316617085	1.044322107	0.28697	0	No
<i>CTSH</i>	30.54	26.11	128.03	101.81	0.859543437	0.796828421	-0.134143	-0.38155	No
<i>TTC23</i>	3.23	3.17	24.31	24.93	0.985815603	1.024551714	0	0	No
<i>CD276</i>	5.14	6.32	9.35	10.41	1.19218241	1.102861026	0.15583	0	No
<i>FAH</i>	4.04	3.39	4.98	5.86	0.871031746	1.147986947	-0.0541194	0	No
<i>CEMIP</i>	0.59	0.67	3.34	4.81	1.050314465	1.338262634	0	0	No
<i>RPAP1</i>	3.53	2.86	14.85	13.36	0.85209713	0.90583889	-0.113736	-0.222312	No
<i>HOMER2</i>	3.17	1.73	<0.1	NA	0.654676259	NA	-0.531284	NA	No
<i>EHD4</i>	17.72	35.06	29.74	31.33	1.926282051	1.051871969	0.88673	0	No
<i>TMEM87A</i>	1.38	1.35	5.46	5.39	0.987394958	0.988471502	0	0	No
<i>ZNF106</i>	14.22	16.11	22.05	25.47	1.124178712	1.148236124	0.0489097	0	No
<i>CEP152</i>	8.76	7.23	28.29	28.37	0.843237705	1.002561383	-0.098642	-0.015324	No
<i>DTWD1</i>	6.18	8.32	28.88	33.19	1.298050139	1.144346046	0.323718	0.0135584	No
<i>TGM5</i>	6.24	6.81	4.52	5.29	1.078729282	1.139456603	0	0	No
<i>GABPB1</i>	4.26	6.3	18.84	21.60	1.3878327	1.138977486	0.433581	0	No
<i>TJP1</i>	2.65	4.42	7.53	8.93	1.484931507	1.164026646	0.521417	0.0240572	No
<i>BMF</i>	23.49	13.74	71.03	68.57	0.601878318	0.96591304	-0.620839	-0.136441	No
<i>DMXL2</i>	12.88	16.07	11.68	12.50	1.229827089	1.064441461	0.201185	0	No
<i>DNAJC17</i>	80.71	84.89	47.31	47.81	1.051156529	1.010258061	0.0137985	-0.0845091	No
<i>EIF3J</i>	3.41	6.05	<0.1	NA	1.598639456	NA	0.640792	NA	No
<i>SPG11</i>	4.71	5.61	7.14	6.69	1.157618214	0.945060016	0.0253373	-0.0256483	No
<i>RHOV</i>	5.33	27.49	13.35	16.46	4.500789889	1.216732212	2.21391	0.0907004	No
<i>VPS18</i>	15.05	19.83	23.06	26.15	1.297819315	1.128553162	0.304831	0	No
<i>OIP5</i>	3.4	17.42	24.91	24.46	4.186363636	0.982513075	2.12339	-0.0703274	No
<i>SLC30A4</i>	1.26	1.65	8.65	10.02	1.172566372	1.1418602	0	0	No

<i>BLOC1S6</i>	51.71	50.88	61.61	65.74	0.984253462	1.065972282	0	0	No
<i>MYEF2</i>	45.54	47.1	2.82	3.34	1.033519553	1.136576227	0	0	No
<i>SGK3</i>	2.55	2.6	<0.1	NA	1.014084507	NA	0	NA	No
<i>PDGFRL</i>	4.21	4.01	9.01	10.12	0.961612284	1.110521886	0	0	No
<i>CSPP1</i>	3.25	4.34	14.21	16.39	1.256470588	1.143365572	0.210072	0.0173954	No
<i>ZDHHC2</i>	3.25	3.79	3.11	3.01	1.127058824	0.976246978	0	0	No
<i>BRF2</i>	0.38	3.89	<0.1	NA	3.543478261	NA	2.61377	NA	No
<i>TRIM35</i>	0.88	1.8	<0.1	NA	1.489361702	NA	0.722589	NA	No
<i>ZFAND1</i>	0.11	0.77	<0.1	NA	1.594594595	NA	1.28993	NA	No
<i>CA2</i>	28.57	22.57	1.16	1.03	0.797091647	0.941228811	-0.190799	0	No
<i>FZD3</i>	17.63	17.96	40.53	37.39	1.017713366	0.924373125	0	-0.166414	No
<i>INTS9</i>	3	5.59	2.50	3.26	1.6475	1.217816842	0.666071	0.0376905	No
<i>RIPK2</i>	21.71	16.83	98.43	84.23	0.785116689	0.85718087	-0.254284	-0.298896	No
<i>NBN</i>	1.55	2.8	0.36	0.34	1.490196078	0.988273575	0.615488	0	No
<i>DECR1</i>	2.62	4.07	23.04	24.91	1.400552486	1.077584408	0.449449	0	No
<i>CALB1</i>	11.05	13.12	28.47	29.95	1.171784232	1.050275559	0.125352	0	No
<i>BPNT2</i>	10.86	19.85	7.89	10.98	1.758010118	1.347924255	0.75557	0.233568	No
<i>SFRP1</i>	49.13	43.17	63.69	59.96	0.881109116	0.942312637	-0.0438672	-0.106077	No
<i>LAPTM4B</i>	18.94	16.97	20.38	19.92	0.901203611	0.97860376	0	0	No
<i>UBE2W</i>	0.22	0.28	1.03	1.13	1.049180328	1.049728959	0	0	No
<i>POP1</i>	12.63	15.91	14.44	16.01	1.240645635	1.101840286	0.215981	0	No
<i>NIPAL2</i>	65.61	77.59	8.40	10.12	1.179852875	1.182934886	0.20041	0.0692765	No
<i>IKBKB</i>	2.71	2.09	1.19	1.94	0.832884097	1.340491094	0	0	No
<i>PLAT</i>	23.1	32.82	<0.1	NA	1.403319502	NA	0.440221	NA	No
<i>JPH1</i>	2.07	4.68	4.90	5.94	1.850162866	1.176470459	0.872908	0	No
<i>STK3</i>	20.83	22.97	43.84	48.73	1.098030234	1.109130999	0.0393697	0	No
<i>GDAP1</i>	1.42	1.22	7.06	7.83	0.917355372	1.095348347	0	0	No
<i>RAB2A</i>	22.71	23.47	21.24	21.92	1.032053986	1.030429849	0	-0.0677527	No
<i>EIF3E</i>	58.88	49.63	41.30	37.49	0.845524382	0.910033842	-0.172907	-0.131204	No
<i>EMC2</i>	16.87	17.55	8.26	10.08	1.038052602	1.196994505	0	0.0737705	No
<i>ESRP1</i>	4.68	9.24	16.63	19.83	1.802816901	1.181442571	0.750825	0	No
<i>NDRG1</i>	1.64	1.82	0.99	0.79	1.068181818	0.89874408	0	-0.014292	No
<i>ZC2HC1A</i>	3.56	4.09	0.22	0.27	1.11622807	1.04269293	0.0486669	0	No
<i>IL7</i>	419.94	313.5	145.32	116.79	0.747137359	0.805019894	-0.396447	-0.411145	No
<i>ARMC1</i>	29.57	25.45	23.59	24.38	0.865227347	1.032230156	-0.063474	0	No
<i>TRPS1</i>	4.11	5.54	<0.1	NA	1.279843444	NA	0.272981	NA	No
<i>SPAG1</i>	26.64	21.3	8.62	9.86	0.806801737	1.128976474	-0.234469	0	No
<i>CHRA1</i>	12.88	13.33	8.68	10.58	1.032420749	1.195965337	0	0.052581	No

<i>SNX16</i>	2.9	7.88	<0.1	NA	2.276923077	NA	1.09558	NA	No
<i>UBR5</i>	0.2	0.16	<0.1	NA	0.966666667	NA	0	NA	No
<i>GSDMD</i>	22.77	38.84	1.18	2.28	1.676062263	1.502849165	0.644776	0.3346	No
<i>TSTA3</i>	12.76	11.91	<0.1	NA	0.938226744	NA	0	NA	No
<i>PYCR3</i>	2.42	3.92	<0.1	NA	1.438596491	NA	0.415719	NA	No
<i>EEF1D</i>	2.45	3.06	6.49	9.00	1.176811594	1.334784577	0.0668015	0.166766	No
<i>SQLF</i>	9.85	5.42	9.29	10.28	0.591705069	1.096025162	-0.699988	0	No
<i>SH2D4A</i>	16.63	18.11	10.80	11.27	1.083947816	1.040077361	0	0	No
<i>INTS10</i>	10.33	16.97	40.46	43.71	1.586054722	1.07837493	0.619122	0	No
<i>ERI1</i>	3.75	4.48	17.02	19.26	1.153684211	1.124398846	0.0385957	0	No
<i>SLC39A14</i>	0.11	0.33	0.15	0.25	1.198198198	1.083438892	0.710767	0	No
<i>MTMR9</i>	17.75	17.89	51.62	46.60	1.007466667	0.90451742	0	-0.214165	No
<i>LEPROTL1</i>	1.29	1.32	1.22	1.37	1.013100437	1.068354727	0	0	No
<i>DCTN6</i>	2.13	2.27	2.83	4.23	1.044728435	1.364762589	0	0.0582584	No
<i>R3HCC1</i>	13.87	17.59	21.14	20.46	1.250168124	0.969279654	0.232654	-0.129865	No
<i>GSR</i>	12.29	13.56	27.25	22.74	1.095560572	0.84026952	0	-0.242617	No
<i>TNFRSF10A</i>	0.35	0.35	0.67	0.83	1	1.096682125	0	0	No
<i>UBXN8</i>	19.95	19.04	58.23	69.46	0.956563246	1.189670879	0	0.0421404	No
<i>PPP2CB</i>	47.49	39.96	<0.1	NA	0.84471025	NA	-0.138167	NA	No
<i>ERICH1</i>	2.22	4.78	7.20	6.49	1.795031056	0.9133734	0.81116	0	No
<i>TUSC3</i>	35.8	43.99	192.58	197.36	1.222554348	1.024711022	0.223774	-0.0603452	No
<i>KLHDC4</i>	17.9	13.42	<0.1	NA	0.762962963	NA	-0.227428	NA	No
<i>MCM4</i>	479.34	383.07	117.22	112.49	0.799579465	0.95997462	-0.250763	-0.109308	No
<i>KCTD9</i>	51.13	41.63	166.17	143.40	0.817763284	0.863770481	-0.229875	-0.330626	No
<i>ASAH1</i>	47.93	47.85	75.50	61.44	0.998365011	0.816273936	0	-0.390615	No
<i>BNIP3L</i>	41.1	54.44	61.76	57.12	1.316864608	0.926040614	0.289268	-0.133038	No
<i>MAN2B1</i>	3.23	3.72	<0.1	NA	1.115839243	NA	0.0500161	NA	No
<i>KCNN4</i>	37.12	51.45	0.23	0.23	1.375918153	1.001647946	0.374237	0	No
<i>TULP2</i>	35.94	34.51	12.57	13.90	0.961288576	1.09825617	0	0	No
<i>NUCB1</i>	30.75	28.37	142.22	127.39	0.92503937	0.896458581	-0.024807	-0.223352	No
<i>DHDH</i>	20.92	14.81	53.04	46.60	0.721259124	0.880833124	-0.381595	-0.297499	No
<i>GYS1</i>	3.45	2.25	14.86	10.63	0.730337079	0.733352233	-0.261334	-0.530953	No
<i>MAP4K1</i>	0.89	5.57	3.29	4.61	3.476190476	1.308219962	2.12486	0	No
<i>ECH1</i>	30.86	28.53	27.68	26.84	0.926867546	0.970732139	0	-0.0795122	No
<i>HNRNP1</i>	62.39	45.28	20.60	17.47	0.730083609	0.854978504	-0.358794	-0.201315	No
<i>NFKBIB</i>	2.95	4.97	5.80	5.19	1.511392405	0.909952969	0.495567	-0.0924971	No
<i>LHB</i>	0.34	0.32	1.24	1.62	0.985074627	1.170641932	0	0	No
<i>TUBB4A</i>	80.03	47.65	76.89	63.48	0.600394915	0.827863249	-0.685971	-0.353329	No

<i>SARS2</i>	6.09	4.28	1.08	1.49	0.74471086	1.196022503	-0.302107	0	No
<i>SNRNP70</i>	20.31	24.66	51.49	54.16	1.204129517	1.050814024	0.163294	-0.0538608	No
<i>CLPTM1</i>	39.02	46.04	165.51	165.15	1.175412294	0.997827513	0.160082	-0.0734859	No
<i>RELB</i>	12.21	7.87	16.48	14.27	0.671461014	0.873837934	-0.483074	-0.240601	No
<i>CLASRP</i>	4.34	5.2	8.37	8.77	1.161048689	1.04297298	0.02731	0	No
<i>LIN7B</i>	12.15	13.09	52.49	52.76	1.07148289	1.005022354	0.011961	-0.0712808	No
<i>PPP1R37</i>	9.76	15.13	13.49	14.39	1.499070632	1.062127939	0.488836	0	No
<i>FCGRT</i>	30.14	27.18	39.89	31.94	0.904945408	0.805475688	-0.0605265	-0.406918	No
<i>PIH1D1</i>	1.71	1.56	28.46	28.03	0.944649446	0.985442546	0	-0.0621316	No
<i>ARHGEF18</i>	0.6	1.15	0.16	0.34	1.34375	1.153090447	0.394956	0	No
<i>PPP1R13L</i>	0.14	0.14	0.65	0.66	1	1.004953222	0	0	No
<i>PEX11G</i>	6.43	7.64	70.58	66.18	1.162853297	0.938582812	0.146786	-0.149755	No
<i>ERCC2</i>	0.49	2.02	<0.1	NA	2.026845638	NA	1.49371	NA	No
<i>DOT1L</i>	0.9	1.27	2.81	2.85	1.194736842	1.009552877	0	0	No
<i>PLEKHJ1</i>	11	10.91	12.86	11.86	0.9925	0.927755715	0	-0.156425	No
<i>RNASEH2A</i>	2.8	3.41	2.04	3.21	1.160526316	1.383427066	0	-0.0057132	No
<i>KLC3</i>	0.39	0.36	60.14	51.19	0.978417266	0.853592411	0	-0.0110683	No
<i>CD37</i>	3.39	3.43	<0.1	NA	1.009111617	NA	0	NA	No
<i>SF3A2</i>	7.89	7.87	19.12	20.50	0.997750281	1.068661851	0	0	No
<i>AMH</i>	6.4	5.59	6.45	7.67	0.890540541	1.163164484	-0.0259792	0	No
<i>DKKL1</i>	3.81	23.21	<0.1	NA	5.033264033	NA	2.41587	NA	No
<i>OAZ1</i>	17.91	17.22	49.07	45.75	0.96351137	0.933698176	0	-0.190166	No
<i>TRMT1</i>	0.95	3.16	0.10	0.26	2.133333333	1.149928605	1.36148	0	No
<i>STX10</i>	2.17	1.75	5.57	6.36	0.867507886	1.120344367	-0.0681753	0	No
<i>DMPK</i>	4.48	5.39	0.43	0.39	1.166058394	0.973408111	0.0629226	0	No
<i>TBC1D17</i>	3.32	4.95	4.60	5.22	1.377314815	1.111498976	0.371772	0	No
<i>IL4I1</i>	5.19	5.22	14.70	16.45	1.004846527	1.111402977	0	0	No
<i>TLE6</i>	0.78	0.7	1.03	1.11	0.95505618	1.039616128	0	0	No
<i>CCDC130</i>	9.56	9.03	47.60	53.58	0.949810606	1.123139355	0	0	No
<i>PTOV1</i>	20.37	19.7	55.42	51.67	0.968647637	0.93345079	0	-0.194933	No
<i>TLE5</i>	0.11	0.35	20.54	27.15	1.216216216	1.306646586	0.11157	0.156174	No
<i>SGTA</i>	5.43	5.73	21.72	23.60	1.046656299	1.082858074	0	0	No
<i>MED25</i>	2.56	3.93	0.81	1.10	1.384831461	1.160762504	0.350817	0	No
<i>SNAPC2</i>	0.58	0.31	13.92	15.13	0.829113924	1.080825555	-0.224927	0	No
<i>C19orf53</i>	0.63	2.56	<0.1	NA	2.18404908	NA	0.666917	NA	No
<i>TIMM44</i>	0.77	1.23	37.97	40.86	1.259887006	1.074259994	0.213712	0	No
<i>CCDC61</i>	5.52	5.19	<0.1	NA	0.949386503	NA	0	NA	No
<i>IL27RA</i>	2.41	2.51	13.67	15.32	1.029325513	1.11269404	0	0	No

<i>ASF1B</i>	1.09	3.38	<0.1	NA	2.09569378	NA	1.1436	NA	No
<i>TNNT1</i>	18.77	17.29	1.32	1.81	0.9251391	1.212960959	-0.0105912	0	No
<i>VRK3</i>	1.25	1.46	0.93	1.20	1.093333333	1.139788649	0	0	No
<i>FAM32A</i>	89.3	76.64	267.74	213.95	0.859800664	0.799859984	-0.135099	-0.433842	No
<i>PPP6R1</i>	0.26	0.35	<0.1	NA	1.071428571	NA	0	NA	No
<i>C19orf44</i>	0.64	1.22	1.56	5.59	1.353658537	2.574091053	0	0.71283	No
<i>MED26</i>	7.12	6.86	29.44	28.84	0.967980296	0.980263988	0	-0.0237375	No
<i>OLFM2</i>	6.63	5.22	27.41	23.55	0.815203145	0.864025794	-0.126653	-0.248772	No
<i>AKAP8</i>	3.08	3.21	80.07	79.11	1.031862745	0.988197963	0	-0.0900892	No
<i>ILVBL</i>	1300.77	656.1	2116.65	2367.35	0.504774269	1.118386865	-0.951437	0	No
<i>ZNF419</i>	3.6	4.17	11.52	9.70	1.123913043	0.85447843	0.0478268	-0.293026	No
<i>SYDE1</i>	8.61	3.94	0.64	0.84	0.514047867	1.12416471	-0.885945	0	No
<i>CASP14</i>	2.78	4.06	12.80	12.91	1.338624339	1.007844826	0.252238	0	No
<i>SLC1A6</i>	9.61	7.09	20.17	19.70	0.762488219	0.977926438	-0.279738	-0.0949699	No
<i>AURKC</i>	9.65	8.67	8.64	9.61	0.907981221	1.100130569	-0.0510919	0	No
<i>POP4</i>	5.1	6.71	14.68	14.84	1.263934426	1.010163981	0.199272	0	No
<i>CCNE1</i>	23.68	22.74	16.39	15.39	0.96191248	0.942762903	0	0	No
<i>URI1</i>	8.85	10.8	25.67	24.32	1.197969543	0.94920762	0.119208	-0.102742	No
<i>PDCD5</i>	32.7	21.86	158.38	153.26	0.678338279	0.9679024	-0.477538	-0.115316	No
<i>ANKRD27</i>	51.69	52.67	56.57	61.17	1.018599355	1.079870177	0	0	No
<i>RPS16</i>	33.24	41.7	12.00	13.21	1.247079439	1.093148712	0.253052	0	No
<i>TIMM50</i>	7.52	7.79	29.88	27.60	1.031690141	0.926114506	0	-0.141859	No
<i>FBL</i>	8.29	7.06	5.97	5.18	0.867599569	0.886187384	0	-0.0234629	No
<i>DYRK1B</i>	0.58	0.77	7.35	8.38	1.120253165	1.123176039	0.110048	0	No
<i>CCNP</i>	9.48	9.21	14.42	13.17	0.974236641	0.918622513	0	-0.148564	No
<i>GPI</i>	0.35	0.45	1.88	1.51	1.074074074	0.871510261	0	-0.194658	No
<i>AKT2</i>	0.51	1.04	2.06	2.04	1.350993377	0.993368011	0.151577	0	No
<i>PLD3</i>	24.99	26.27	45.45	41.27	1.049249711	0.909963474	0	-0.170084	No
<i>PRX</i>	1.09	1.4	<0.1	NA	1.148325359	NA	0	NA	No
<i>PIAS4</i>	1.48	0.85	<0.1	NA	0.745967742	NA	-0.335928	NA	No
<i>NUMBL</i>	22.78	21.3	2.59	3.24	0.937762826	1.180842971	0	0	No
<i>EBI3</i>	0.18	0.44	0.34	0.46	1.220338983	1.08961499	0	0	No
<i>YJU2</i>	1.07	1.89	0.61	0.98	1.396135266	1.230786648	0.31806	0.200312	No
<i>SHD</i>	10.04	12.27	6.44	6.49	1.201992754	1.006530826	0.170755	0	No
<i>TBCB</i>	5.18	8.74	7.70	10.20	1.57605178	1.286869863	0.398247	0	No
<i>POLR2I</i>	6.78	5.59	6.39	5.24	0.847043702	0.844458163	0	-0.130062	No
<i>OVOL3</i>	23.57	19.38	52.41	53.47	0.829466829	1.01981483	-0.121255	-0.0591381	No
<i>CLIP3</i>	0.14	0.09	<0.1	NA	0.956140351	NA	0	NA	No

<i>SLC1A5</i>	47.97	39.73	89.03	77.28	0.831733715	0.869471891	-0.176217	-0.272679	No
<i>PRKD2</i>	35.68	34.53	41.78	45.37	0.968647764	1.083875883	0	0	No
<i>TJP3</i>	26.42	49.12	9.73	11.63	1.827862874	1.176962669	0.804578	0.00309583	No
<i>APLP1</i>	9.98	13.85	35.67	37.37	1.352459016	1.046258715	0.362183	0	No
<i>CACTIN</i>	14.98	9.75	15.11	15.16	0.672715895	1.003336988	-0.507749	-0.0350971	No
<i>CCDC9</i>	38.26	33.66	43.28	45.32	0.882832399	1.046043575	-0.088608	0	No
<i>HNRNPUL1</i>	72.16	117.18	111.24	65.04	1.615363587	0.58837925	0.645363	-0.866196	No
<i>FZR1</i>	14.04	14.23	32.78	32.85	1.012632979	1.002155995	0	-0.0701837	No
<i>BBC3</i>	30.76	29	27.25	24.34	0.944584383	0.897108502	-0.0193356	-0.262238	No
<i>TGFB1</i>	46.56	28.78	109.54	95.21	0.626156434	0.870360064	-0.621865	-0.2983	No
<i>DENND3</i>	37.6	42.14	94.68	83.04	1.11761658	0.878303395	0.0923427	-0.267134	No
<i>DMAC2</i>	10.76	5.38	7.09	4.93	0.542517007	0.732718849	-0.736831	-0.391427	No
<i>PLIN3</i>	43.27	43.82	65.73	70.13	1.012423763	1.065956239	0	-0.0228719	No
<i>MYH14</i>	11.65	15.77	21.65	23.45	1.3256917	1.079547048	0.263977	0	No
<i>MRPL4</i>	30.48	31.88	39.27	38.67	1.044472681	0.985124664	0	-0.0769294	No
<i>CD79A</i>	3.46	1.49	9.09	8.78	0.558295964	0.969634355	-0.668594	0	No
<i>LIM2</i>	29.57	30.74	52.06	49.16	1.038272816	0.945266359	0	-0.177814	No
<i>RPS19</i>	4.16	4.14	9.52	11.73	0.996124031	1.210151266	0	0.0544852	No
<i>NOP53</i>	10.5	5.59	13.90	16.18	0.573043478	1.153229848	-0.74335	0	No
<i>NKG7</i>	1.19	1.38	26.92	31.55	1.086757991	1.16581342	0	0	No
<i>ICAM5</i>	11.75	14.94	18.18	22.37	1.250196078	1.218584234	0.0365918	0	No
<i>ETFB</i>	8.06	7.62	26.89	24.81	0.951434879	0.925509257	0	-0.182339	No
<i>CEACAM5</i>	5.39	7.86	17.57	17.83	1.386541471	1.013991045	0.389568	0	No
<i>BABAM1</i>	30.55	36.35	191.48	181.36	1.183835182	0.947404032	0.180086	-0.172567	No
<i>TYK2</i>	7.7	8.76	17.64	20.54	1.12183908	1.155729744	0.00539838	0.00760058	No
<i>CDC37</i>	193.09	154.94	257.47	213.00	0.803441702	0.827946894	-0.247402	-0.386069	No
<i>NAPA</i>	2.7	4.24	0.52	0.48	1.416216216	0.973292041	0.329051	0	No
<i>RABAC1</i>	20.09	27.99	62.82	57.88	1.374585111	0.922588286	0.373095	-0.199454	No
<i>ATP1A3</i>	4.45	3.55	4.31	5.14	0.834862385	1.155806906	-0.123585	0	No
<i>MEIS3</i>	0.18	0.18	<0.1	NA	1	NA	0	NA	No
<i>PTPRS</i>	336.84	222.86	1723.81	1551.62	0.662621359	0.90016949	-0.565091	-0.269177	No
<i>CNFN</i>	3.76	4.64	21.65	21.97	1.18487395	1.01412093	0.00301447	0	No
<i>MEGF8</i>	11.81	8.34	3.28	4.38	0.729117877	1.256069004	-0.393283	0.142975	No
<i>KDELR1</i>	6.51	7.6	5.35	7.19	1.145139814	1.289616981	0.0667327	0.0501471	No
<i>CYTH2</i>	10.67	9.56	24.48	24.21	0.904884319	0.989464442	0	-0.0426174	No
<i>GRWD1</i>	14.61	18.11	26.26	27.47	1.224215247	1.044405405	0.192132	0	No
<i>GRIN2D</i>	0.98	1.2	3.90	3.90	1.111111111	1.00095452	0	-0.0320615	No
<i>SYNGR4</i>	9.31	10.37	21.43	21.76	1.102812803	1.014766345	0.0276743	-0.0408992	No

<i>CARD8</i>	5.67	9.23	4.41	6.14	1.533733133	1.319647638	0.480603	0.128404	No
<i>LIG1</i>	0.75	2.04	12.13	12.37	1.737142857	1.018439614	0.858259	0	No
<i>ZNF175</i>	128.04	130.14	229.70	208.69	1.016274024	0.908919207	0	-0.234789	No
<i>PLA2G4C</i>	7.68	5.75	35.25	39.18	0.77764977	1.108364236	-0.249426	0	No
<i>RAB3D</i>	43.32	36.34	100.97	99.18	0.842509025	0.98245199	-0.117505	-0.0848148	No
<i>DBP</i>	5.59	7.71	12.10	12.45	1.321699545	1.026883297	0.281526	0	No
<i>TMEM205</i>	74.64	106.01	134.65	136.13	1.414727657	1.010905074	0.446122	-0.0630433	No
<i>CAPS</i>	0.8	1.17	1.36	1.52	1.205555556	1.067745006	0.304641	0	No
<i>PLPPR2</i>	5.29	3.79	44.61	45.19	0.761526232	1.012637932	-0.240586	-0.0638889	No
<i>FAM83E</i>	2.3	1.5	14.45	14.49	0.757575758	1.002303969	-0.331413	0	No
<i>RASIP1</i>	6.65	12.65	136.73	120.83	1.784313725	0.884566479	0.809357	-0.269924	No
<i>FGF21</i>	0.21	0.6	76.63	95.70	1.32231405	1.245656191	0	0.125981	No
<i>BCAT2</i>	5.63	9.09	4.98	6.36	1.521870287	1.231290534	0.4834	0.0479743	No
<i>MIER2</i>	3.85	2.76	5.21	5.35	0.775257732	1.022741798	0	0	No
<i>PLEKHA4</i>	3.59	4.29	8.16	7.81	1.152505447	0.961304991	0.0360175	-0.0284134	No
<i>PPP2R1A</i>	5.33	7.23	16.65	17.92	1.300157978	1.072080967	0.172953	0	No
<i>TNPO2</i>	43.22	51.54	37.05	41.73	1.188150158	1.123106113	0.171564	0	No
<i>WDR83OS</i>	20.82	18.96	95.16	94.92	0.914757104	0.997488513	0	-0.0573988	No
<i>GCDH</i>	5.19	8.83	19.26	19.66	1.588045234	1.019774211	0.640656	-0.0367467	No
<i>KLF1</i>	4.13	3.69	23.40	23.99	0.914230019	1.02426117	0	0	No
<i>DNASE2</i>	0.12	0.51	0.37	0.38	1.348214286	1.008532826	0.29246	0	No
<i>MAST1</i>	64.12	53.49	55.54	51.43	0.836762899	0.927387051	-0.203387	-0.197546	No
<i>LENG1</i>	18.66	19.6	27.28	26.42	1.047812818	0.969632723	0	-0.0656301	No
<i>PRPF31</i>	42.52	35.67	42.04	40.18	0.842601103	0.956846284	-0.0926981	-0.0615435	No
<i>TFPT</i>	31.66	23.26	52.08	52.26	0.742804654	1.003373644	-0.339413	-0.163027	No
<i>JAK3</i>	5.64	6.43	34.50	30.45	1.118975904	0.885965079	0.0160956	-0.244077	No
<i>RPL18A</i>	4.4	5.53	14.76	16.61	1.209259259	1.117238376	0.165119	0	No
<i>ARRDC2</i>	5.73	5.15	29.61	26.06	0.913818722	0.883939834	0	-0.153667	No
<i>PIK3R2</i>	7.9	7.74	14.29	14.46	0.982022472	1.010999663	0	0	No
<i>RAB3A</i>	5.18	5.16	17.01	18.50	0.996763754	1.08270864	0	0	No
<i>ISYNA1</i>	8.8	8.08	16.99	16.28	0.926530612	0.960642908	0	-0.0796834	No
<i>ELL</i>	5.27	7.89	11.68	10.55	1.417862839	0.910494147	0.416507	-0.20521	No
<i>CRTC1</i>	3.15	2.87	80.80	86.11	0.93253012	1.064869828	0	-0.0182257	No
<i>UPK1A</i>	17.85	9.42	1.76	2.17	0.552785146	1.148579186	-0.767544	0	No
<i>COPE</i>	19.05	15.71	7.82	9.10	0.833416459	1.14534711	-0.184459	0	No
<i>DDX49</i>	24.8	22.51	42.97	47.37	0.91124031	1.1001151	0	0	No
<i>ETV2</i>	7.12	9.56	20.42	24.43	1.300492611	1.187203751	0.206872	0	No
<i>ARMC6</i>	5.54	4.66	22.58	25.54	0.865443425	1.125545207	-0.120077	0	No

<i>TMEM147</i>	53.25	79.49	46.59	49.52	1.483686636	1.061645098	0.502279	0	No
<i>MAG</i>	2.07	5.11	0.82	1.66	1.990228013	1.461366532	0.988554	0.459108	No
<i>TMEM59L</i>	0.41	0.41	0.72	0.84	1	1.070607757	0	0	No
<i>USF2</i>	3.04	4.32	6.10	8.18	1.316831683	1.292331449	0.16986	0	No
<i>LSR</i>	2.32	2.34	3.04	3.68	1.006024096	1.158679269	0	0	No
<i>KXD1</i>	0.25	0.63	1.86	2.37	1.304	1.178873191	0.603588	0	No
<i>FKBP8</i>	2.22	2.7	12.81	13.87	1.149068323	1.076540395	0.0933985	0	No
<i>SUGP1</i>	2.85	10.9	50.58	50.33	3.090909091	0.995173183	1.6964	-0.0766486	No
<i>ZNF14</i>	7.99	10.64	2.83	3.19	1.294771969	1.093161487	0.232781	0	No
<i>SCN1B</i>	0.4	0.76	1.76	2.05	1.257142857	1.104850967	0.591132	0	No
<i>PBX4</i>	40.94	49.88	47.54	49.23	1.21316166	1.034798114	0.164273	0	No
<i>ERF</i>	18.43	21.14	24.49	27.71	1.139475039	1.126455759	0.0878432	0	No
<i>GSK3A</i>	1.45	1.81	2.33	2.54	1.146938776	1.062611317	0	0	No
<i>ATP13A1</i>	13.51	17.92	11.98	14.20	1.303928325	1.171074639	0.272102	0	No
<i>ZNF574</i>	22.49	32.16	<0.1	NA	1.411664538	NA	0.346135	NA	No
<i>SIPA1L3</i>	2.7	3.75	7.11	9.20	1.283783784	1.257756095	0.108969	0	No
<i>ZNF85</i>	26.24	27.6	83.19	99.83	1.049926579	1.197684801	0	0.0335772	No
<i>ETHE1</i>	14.04	12.91	61.65	57.85	0.924867021	0.93932245	0	-0.127707	No
<i>CADM4</i>	15.14	15.27	9.38	10.05	1.008054523	1.064445658	0	0	No
<i>SMG9</i>	3.2	2.28	11.62	11.32	0.780952381	0.976208195	-0.255457	-0.0643231	No
<i>AVL9</i>	0.79	1	4.65	4.49	1.117318436	0.971045478	0.0578314	-0.0903483	No
<i>GTPBP10</i>	1.63	1.97	17.45	15.35	1.129277567	0.886115876	0	-0.0777262	No
<i>CDK6</i>	0.16	0.12	0.41	0.38	0.965517241	0.976544785	0	0	No
<i>PMPCB</i>	49.01	55.48	71.57	76.07	1.129374125	1.062057646	0.0903743	0	No
<i>DNAJC2</i>	1.72	3.01	1.42	1.48	1.474264706	1.023062721	0.581841	0	No
<i>TFPI2</i>	4.2	5.19	4.90	5.88	1.190384615	1.165697228	0.136327	0.00962769	No
<i>BET1</i>	4.79	4.97	10.00	9.11	1.031088083	0.919417058	0	-0.209081	No
<i>NAMPT</i>	4.75	5.98	4.89	6.10	1.213913043	1.205823263	0.0506495	0	No
<i>TWISTNB</i>	24.58	31.71	40.23	44.68	1.278733385	1.108010667	0.233886	0	No
<i>PON2</i>	55.22	53.53	24.50	22.95	0.969939523	0.939321996	0	-0.0948643	No
<i>ITGB8</i>	17.21	14.86	12.84	15.17	0.870950027	1.16811249	-0.0598011	0	No
<i>HBP1</i>	3.3	4.96	4.64	4.86	1.386046512	1.038396549	0.42512	0	No
<i>DUS4L</i>	4.63	4.5	0.54	0.71	0.976909414	1.107468421	0	0	No
<i>SP4</i>	0.97	1	3.83	3.92	1.015228426	1.017807514	0	0	No
<i>WDR91</i>	134.78	105.45	278.28	278.95	0.783988805	1.002391882	-0.258414	-0.0768465	No
<i>DNAH11</i>	53.96	53.01	14.07	14.77	0.982714702	1.046310178	0	0	No
<i>CBLL1</i>	6.02	7.93	6.36	6.78	1.272079772	1.057619243	0.223341	0	No
<i>MTPN</i>	22.7	26.01	123.65	147.35	1.139662447	1.19017012	0.099733	0.0500402	No

<i>MPP6</i>	23.25	42.38	23.50	25.56	1.788865979	1.084183711	0.797076	0	No
<i>GSDME</i>	2.64	3.04	3.70	4.18	1.10989011	1.101451206	0.0189516	0	No
<i>ZC3HAV1</i>	6.75	7.92	12.83	15.57	1.150967742	1.197838539	0.0902363	0	No
<i>TTC26</i>	13.86	14.64	50.42	52.63	1.052489906	1.042915873	0	-0.0021472	No
<i>OGDH</i>	2.39	2.76	9.00	10.63	1.109144543	1.162840313	0.0544743	0	No
<i>ADAP1</i>	15.18	20.52	61.34	61.08	1.330037083	0.995889733	0.307035	-0.057665	No
<i>H2AZ2</i>	1.85	2.47	<0.1	NA	1.21754386	NA	0.229065	NA	No
<i>CAV2</i>	0.38	0.38	<0.1	NA	1	NA	0	NA	No
<i>CAV1</i>	3.51	5.05	2.13	2.87	1.341463415	1.236597749	0.272644	0	No
<i>MET</i>	7.53	8.95	29.13	32.96	1.166471278	1.127030193	0.0135884	0	No
<i>RNF32</i>	0.55	1.5	7.02	6.56	1.612903226	0.942670444	1.01162	-0.0653754	No
<i>LMBR1</i>	12.54	16.51	29.85	27.43	1.293205318	0.921685813	0.277209	-0.209862	No
<i>HOXA1</i>	3.38	2.3	1.58	1.77	0.753424658	1.074751895	-0.236632	0	No
<i>DNAJB6</i>	124.93	118.55	30.35	34.46	0.949336933	1.131251528	0	0	No
<i>HOXA2</i>	21.07	22.81	47.83	41.82	1.078840054	0.876847698	0.0348905	-0.295218	No
<i>HOXA3</i>	19.6	22.33	28.52	29.78	1.132524272	1.042571574	0.108372	-0.0184765	No
<i>LFNG</i>	19.47	15.51	25.15	27.34	0.806546165	1.08390279	-0.190068	0	No
<i>HOXA5</i>	2.2	3.44	4.32	4.58	1.3875	1.048906073	0.44182	0	No
<i>HOXA6</i>	103.69	99.55	306.46	291.39	0.960454676	0.950973561	0	-0.164827	No
<i>BRAT1</i>	30.77	29.7	34.97	35.61	0.966320428	1.017880131	0	0	No
<i>IQCE</i>	3.15	5.26	<0.1	NA	1.508433735	NA	0.570767	NA	No
<i>VIPR2</i>	5.09	4.68	20.53	21.78	0.932676519	1.05797885	0	0	No
<i>SSBP1</i>	1.97	16.39	<0.1	NA	5.855218855	NA	2.84609	NA	No
<i>HOXA13</i>	19.61	22.88	11.38	12.31	1.158660844	1.075460255	0.101097	0	No
<i>CPED1</i>	5.03	8.16	13.92	15.75	1.51907131	1.122924892	0.60284	0	No
<i>HIBADH</i>	39.05	31.64	29.94	23.94	0.814981273	0.806123653	-0.21274	-0.350884	No
<i>TAX1BP1</i>	0.55	0.61	<0.1	NA	1.038709677	NA	0	NA	No
<i>CPVL</i>	25.07	19.7	8.83	9.38	0.79401611	1.055490807	-0.254988	0	No
<i>GRB10</i>	15.32	14.15	166.32	162.63	0.928308824	0.977966827	-0.00217	-0.105166	No
<i>ABHD11</i>	61.19	44.64	10.90	8.78	0.733880045	0.821464619	-0.333975	-0.121028	No
<i>COBL</i>	1.93	3.57	1.31	2.86	1.559726962	1.669006823	0.535244	0.695388	No
<i>FKBP14</i>	1.28	9	2.14	2.46	4.385964912	1.103056846	2.44452	0	No
<i>PLEKHA8</i>	10.04	8.35	7.48	9.95	0.84692029	1.291177475	-0.0727604	0.0899911	No
<i>STX1A</i>	10.03	12.09	4.00	3.72	1.186763373	0.944533677	0.156959	0	No
<i>NOD1</i>	38.02	32.34	13.19	12.60	0.854433624	0.95812707	-0.135898	-0.0216968	No
<i>GARS1</i>	28.77	24.01	61.33	73.42	0.840107491	1.193984033	-0.156305	0.0949392	No
<i>EPHB6</i>	14.22	13.53	9.06	10.50	0.954664915	1.142805048	0	0	No
<i>MINDY4</i>	22.52	18.55	25.39	22.47	0.831207483	0.889391398	-0.14346	-0.197169	No

<i>NSUN5P2</i>	27.76	18.26	35.77	37.92	0.669680111	1.058551518	-0.510673	0	No
<i>CASP2</i>	80.75	76.41	23.47	23.69	0.946911315	1.008882195	-0.0211705	-0.0164103	No
<i>CHCHD2</i>	24.15	20.72	38.45	36.24	0.86361829	0.943992299	-0.110985	-0.133391	No
<i>HSPB1</i>	7.08	7.06	18.62	22.82	0.997524752	1.214080254	0	0.0425278	No
<i>PDAP1</i>	4.77	10.17	4.52	4.75	1.935875217	1.041267014	0.9181	0	No
<i>BUD31</i>	9.12	5.65	12.16	12.12	0.657114625	0.996847803	-0.529833	0	No
<i>PTCD1</i>	9.61	11.42	9.73	9.85	1.170593779	1.011372392	0.126085	-0.0094236	No
<i>CYP3A5</i>	7.98	6.33	10.12	10.40	0.816258352	1.025255702	-0.0753111	0	No
<i>ZKSCAN1</i>	114.95	226.17	154.94	143.90	1.959206555	0.929184974	0.923124	-0.230825	No
<i>EIF3B</i>	13.82	12.66	6.61	6.90	0.921727395	1.037993597	0	0	No
<i>SNX8</i>	102.65	134.28	<0.1	NA	1.305161602	NA	0.304524	NA	No
<i>NUDT1</i>	0.6	2.38	0.95	0.96	2.1125	1.003667443	1.5047	0	No
<i>TAF6</i>	4.33	9.96	4.10	7.86	2.056285178	1.737929403	1.00377	0.493531	No
<i>WASL</i>	3.69	6.96	15.61	19.33	1.697228145	1.224154031	0.749847	0.123404	No
<i>HYAL4</i>	1.24	4.28	1.05	0.95	2.357142857	0.950903712	1.46004	0	No
<i>AIMP2</i>	7.25	14.06	10.01	12.28	1.825454545	1.205982447	0.834696	0.049646	No
<i>TFR2</i>	11.1	9.22	12.30	12.06	0.844628099	0.981935374	-0.0063842	0	No
<i>MOSPD3</i>	9.92	10.66	11.77	14.50	1.067765568	1.213868888	0	0.0579595	No
<i>PCOLCE</i>	12.3	13.76	13.64	16.71	1.109774436	1.209858531	0.0339712	0	No
<i>RBM28</i>	63.85	83.21	55.35	61.83	1.298535081	1.114910741	0.322679	0	No
<i>USP42</i>	44.05	44.74	44.14	49.95	1.015316315	1.12877207	0	0	No
<i>IMPDH1</i>	16.43	18.71	43.45	48.77	1.13080895	1.119595026	0.0828798	0	No
<i>AGFG2</i>	90.89	130.06	399.64	427.81	1.426270541	1.070311697	0.442807	-0.0125766	No
<i>LSM5</i>	70.72	79.25	40.53	40.86	1.118934746	1.007926936	0.0914855	-0.0480855	No
<i>SERPINE1</i>	50.65	54.29	<0.1	NA	1.070474347	NA	0.0106674	NA	No
<i>AP1S1</i>	14.35	13.76	20.12	22.88	0.961563518	1.130567573	0	0	No
<i>C1GALT1</i>	241.12	220.18	360.50	334.70	0.91351396	0.928628067	-0.0764393	-0.239054	No
<i>PLOD3</i>	51.73	36.73	17.39	17.14	0.715531955	0.986349151	-0.410445	-0.0303641	No
<i>RPA3</i>	26.54	28.37	32.43	30.26	1.066448802	0.935198623	0	-0.153553	No
<i>ZNHIT1</i>	6.84	9.54	19.25	16.13	1.344387755	0.845777731	0.276157	-0.322883	No
<i>CLDN15</i>	7.98	9.23	14.91	14.83	1.139198218	0.99467159	0.10693	-0.0987586	No
<i>GLCCI1</i>	27.14	30.07	13.70	16.05	1.104122246	1.159595473	0.0522501	0	No
<i>PHF14</i>	42.86	26.69	46.45	47.88	0.631326949	1.030050083	-0.609073	-0.0629015	No
<i>NRF1</i>	52.98	56.1	70.39	81.51	1.057799185	1.15580368	0.0147762	0.0266193	No
<i>TMEM106B</i>	15.71	24.61	2.30	2.02	1.5326152	0.91371497	0.501629	0	No
<i>EZH2</i>	14.11	15.16	12.26	11.26	1.069490404	0.924952431	0	-0.139057	No
<i>CEP41</i>	60.02	50.89	58.36	47.72	0.850376926	0.82071374	-0.128208	-0.347797	No
<i>ZNF862</i>	0.25	0.42	<0.1	NA	1.136	NA	0	NA	No

MEST	49.33	59.87	14.70	17.71	1.209417842	1.191415331	0.207529	0	No
ANKMY2	4.25	5.84	6.50	6.56	1.302857143	1.007932315	0.281379	0	No
ACTR3C	10.42	9.26	19.25	19.48	0.898423818	1.01116314	-0.0434392	-0.0225737	No
TSPAN13	1.14	0.95	2.06	2.04	0.911214953	0.994747831	0	0	No
RARRES2	157.31	94.64	64.62	44.97	0.604131135	0.70058231	-0.675175	-0.574395	No
AGR2	0.18	1.16	12.53	13.12	1.830508475	1.043598826	1.8985	0	No
AHR	5.42	4.73	19.27	18.36	0.892523364	0.954874738	-0.107154	-0.0799139	No
CHCHD3	7.78	13.6	<0.1	NA	1.662870159	NA	0.663097	NA	No
GIMAP2	2.32	3.42	<0.1	NA	1.331325301	NA	0	NA	No
GLI3	7.23	6.99	2.99	2.93	0.970838396	0.985204781	0	0	No
PSMA2	40.2	49.39	46.45	48.30	1.223058252	1.03908686	0.241332	0	No
MRPL32	4.6	2.53	<0.1	NA	0.630357143	NA	-0.610816	NA	No
COA1	0.31	0.23	0.26	0.07	0.938931298	0.851488471	0	0	No
BLVRA	1.97	2.31	15.96	15.37	1.114478114	0.965397328	0	-0.000138	No
URGCP	30.44	27.5	20.53	22.22	0.90648855	1.078351075	-0.0483546	0	No
TMEM248	16.35	17.18	0.92	1.10	1.047838617	1.091946981	0	0	No
STAG3L4	0.16	0.95	0.63	0.70	1.681034483	1.045025028	0.991241	0	No
RHEB	1.5	3.01	<0.1	NA	1.604	NA	0.708148	NA	No
PRKAG2	2.3	8.86	26.54	42.51	2.987878788	1.57990898	1.60371	0.423559	No
POLD2	37.53	23.62	22.96	23.65	0.638982611	1.028873742	-0.578773	0	No
BCL7B	4.13	5.58	3.46	3.89	1.282651072	1.095486636	0.197374	0	No
YKT6	18.4	20.05	18.33	18.56	1.085051546	1.012106477	0.0245438	-0.0128837	No
TBL2	3.22	4.66	80.05	75.31	1.341232227	0.941575715	0.359128	-0.18808	No
CLIP2	8.6	8.5	6.41	7.40	0.989583333	1.133621598	0	0	No
EIF4H	0.14	0.17	0.52	0.35	1.026315789	0.890509706	0	-0.0601337	No
LIMK1	42.61	56.66	48.99	51.40	1.322173813	1.048125168	0.340505	0	No
SPATA6L	43.42	43.24	13.72	14.32	0.995947771	1.040593536	0	0	No
LHX2	73.66	43.23	35.40	38.24	0.592418966	1.077969223	-0.676288	0	No
FKTN	61.01	86.2	61.44	72.77	1.406224802	1.181423972	0.417591	0.0481294	No
FSD1L	10.78	10.92	13.11	15.86	1.01188455	1.195098177	0	0.00869775	No
CNTNAP3	32.09	33.67	3.84	2.48	1.047748565	0.71880732	0	-0.467503	No
SPIN1	12.28	15.76	9.66	9.87	1.262048193	1.019610987	0.220896	0	No
NMRK1	50.08	82.9	56.42	52.83	1.642521535	0.937416925	0.642449	-0.171192	No
TMEM245	13.6	17.13	12.73	15.06	1.241780822	1.1697434	0.211013	0	No
MEGF9	3.56	4.71	1.98	2.28	1.252192982	1.099259258	0.174436	0	No
TRIM14	150.37	146.56	55.75	56.35	0.974829887	1.010640487	0	-0.0067622	No
CORO2A	6.04	7.34	4.25	5.46	1.184659091	1.230487698	0.0129626	0	No
TGFBF1	135.28	107.74	150.65	132.78	0.797916055	0.88217948	-0.277626	-0.27589	No

SEC61B	84.02	96.53	12.33	13.88	1.147141849	1.116543143	0.126586	0	No
C5	4.98	3.72	6.68	6.50	0.789297659	0.976758204	-0.185447	0	No
ECM2	22.89	22.03	73.01	70.84	0.964001674	0.970746658	0	-0.0850369	No
TLE4	0.56	26.61	17.12	16.53	17.69871795	0.967509103	4.58063	0	No
LHX6	13.65	7.5	8.61	8.42	0.580204778	0.979820299	-0.650465	0	No
PTGR1	0.38	2.46	<0.1	NA	2.507246377	NA	1.01825	NA	No
SUSD1	13.26	10.82	18.97	22.03	0.828892006	1.15330327	-0.141604	0	No
AKNA	50.39	41	35.09	39.98	0.817279626	1.135485469	-0.188195	0	No
DNM1	1.61	1.37	33.68	32.42	0.908045977	0.963703549	0	-0.141763	No
ENG	4.35	5.25	15.29	15.83	1.168224299	1.033235237	0.0604588	-0.0042249	No
AK1	0.95	1.51	7.23	7.11	1.287179487	0.985959188	0.306575	-0.0066421	No
CDC37L1	13.74	17.9	11.60	13.55	1.282225237	1.155071783	0.267743	0	No
RLN2	12.29	13.94	16.46	17.53	1.124153499	1.061518388	0.0932731	0	No
RLN1	2.74	3.81	1.95	2.97	1.286096257	1.344838666	0.219456	0.181271	No
PLGRKT	5.02	7.52	5.03	5.55	1.415282392	1.087062252	0.413529	0	No
TBC1D13	3.29	4.14	8.84	11.00	1.198135198	1.2197224	0.165886	0.112653	No
RIC1	0.37	0.37	<0.1	NA	1	NA	0	NA	No
KDM4C	169.67	150.49	197.76	197.46	0.887619382	0.99847387	-0.123173	-0.0406821	No
DOCK8	1.46	3.4	3.86	3.82	1.788617886	0.99093947	0.916444	0	No
KANK1	1.98	3.71	5.07	5.94	1.580536913	1.143261213	0.69229	0	No
ELAVL2	5.19	7.02	6.18	6.10	1.295638126	0.988728439	0.267829	-0.0528914	No
NCS1	1.24	1.6	23.28	21.15	1.160714286	0.912217304	0	-0.178461	No
TESK1	1.13	2.19	<0.1	NA	1.497652582	NA	0.703052	NA	No
FUBP3	0.19	0.07	1.79	2.11	0.899159664	1.114228634	0	0	No
CREB3	0.76	1.35	2.32	2.85	1.335227273	1.160732802	0.50985	0.0290062	No
RGP1	5.76	5.07	5.13	5.55	0.897928994	1.06811509	-0.0343999	0	No
MPDZ	10.76	14.02	7.87	10.35	1.277210884	1.279038347	0.242188	0.057318	No
DDX58	18.62	23.08	9.96	13.05	1.227319062	1.281589299	0.200556	0.101052	No
EDF1	17.95	20.13	14.20	16.89	1.115039578	1.176657224	0.0137168	0	No
BAG1	3.69	2.99	3.24	3.98	0.850746269	1.174581229	0	0	No
RAPGEF1	11.73	9.66	1.50	1.82	0.837391987	1.127730806	-0.183988	0	No
NPDC1	2.07	1.58	2.83	2.28	0.840390879	0.856234077	-0.114782	-0.181862	No
SETX	0.29	0.38	<0.1	NA	1.069767442	NA	0	NA	No
SH3GL2	73.43	101.43	24.43	27.90	1.376192396	1.136273409	0.380149	0	No
ABCA2	3.13	3.25	8.17	8.35	1.02905569	1.020128925	0	0	No
SHB	2.8	3.51	<0.1	NA	1.186842105	NA	0.125881	NA	No
UBE2R2	1.39	1.51	9.31	8.86	1.050209205	0.956429106	0	0	No
ABHD17B	2.63	5.75	24.94	18.82	1.859504132	0.764202928	0.798026	-0.40578	No

<i>EXOSC3</i>	1.44	1.88	4.38	5.04	1.180327869	1.12331889	0.0860092	0	No
<i>ZFAND5</i>	40.3	46.12	26.01	23.54	1.140920097	0.908532381	0.0939317	-0.0999283	No
<i>DVL1</i>	5.29	8.74	1.90	2.84	1.548489666	1.322437213	0.462791	0.0191173	No
<i>PDLIM1</i>	3.55	5.04	5.28	5.73	1.327472527	1.071590818	0.289881	0	No
<i>CCNJ</i>	0.53	0.16	<0.1	NA	0.758169935	NA	-0.525993	NA	No
<i>GATA3</i>	4.9	3.74	29.38	28.30	0.803389831	0.96435784	-0.197358	-0.0998379	No
<i>HPS1</i>	4.05	2.71	18.94	17.45	0.734653465	0.925314694	-0.243071	-0.169657	No
<i>PHYH</i>	4	7.09	3.18	4.05	1.618	1.208679102	0.663952	0.081319	No
<i>RASSF4</i>	18.05	20.42	13.00	13.58	1.124409449	1.041781791	0.0909235	0	No
<i>DNMBP</i>	0.95	1.61	2.60	3.50	1.338461538	1.250440924	0.397796	0.0366246	No
<i>RAB11FIP2</i>	4.67	10.74	19.91	23.72	2.070546737	1.182235734	0.993312	0.0022513	No
<i>ERLIN1</i>	6.95	3.6	13.08	11.67	0.578616352	0.900110609	-0.632576	-0.110319	No
<i>EIF3A</i>	0.19	0.18	0.55	0.42	0.991596639	0.915027511	0	0	No
<i>DDX50</i>	66.22	50.12	54.35	57.73	0.76048795	1.06109321	-0.274709	0	No
<i>MAPK8</i>	46.43	40.53	10.25	12.46	0.875606156	1.196792708	-0.113795	0	No
<i>SEC23IP</i>	11.27	10.13	61.43	59.53	0.907090465	0.969615089	0	-0.0496787	No
<i>ATE1</i>	25.67	44.96	21.40	21.42	1.723284589	1.001047606	0.724441	-0.0651528	No
<i>NSMCE4A</i>	0.78	0.78	1.87	1.51	1	0.874803909	0	-0.0681228	No
<i>PLEKHA1</i>	2.14	2.04	<0.1	NA	0.968152866	NA	0	NA	No
<i>PALD1</i>	28.1	29.13	76.39	84.83	1.035395189	1.109110174	0	0	No
<i>UNC5B</i>	0.14	0.29	1.86	2.04	1.131578947	1.062086767	0.0256975	0	No
<i>CDH23</i>	1.99	3.11	2.52	2.76	1.37458194	1.067752272	0.237631	0	No
<i>VSIR</i>	2.15	3.79	7.31	7.96	1.520634921	1.078199833	0.598509	0	No
<i>SPOCK2</i>	2.98	5.72	9.68	10.35	1.688442211	1.063098359	0.608887	0	No
<i>MICU1</i>	17.42	13.4	12.42	11.84	0.781758958	0.956872825	-0.232244	-0.0248953	No
<i>PPP3CB</i>	17.57	19.59	57.15	62.06	1.108777598	1.084451063	0.0052097	0	No
<i>CCSER2</i>	19.3	10.42	<0.1	NA	0.562561576	NA	-0.632512	NA	No
<i>BMPR1A</i>	44.11	44.06	<0.1	NA	0.998891598	NA	0	NA	No
<i>ACTA2</i>	5.85	4.31	33.24	30.07	0.775182482	0.907411739	-0.24067	-0.202729	No
<i>LIPA</i>	85.03	74.88	319.33	275.07	0.882017901	0.861831338	-0.130748	-0.306371	No
<i>TLX1</i>	16.67	14.21	15.19	15.29	0.860780985	1.005997732	-0.110343	-0.0021071	No
<i>TWNK</i>	46.1	71.16	30.30	29.58	1.532059448	0.97697536	0.523457	-0.0401261	No
<i>LZTS2</i>	0.48	0.53	<0.1	NA	1.033783784	NA	0	NA	No
<i>SFXN3</i>	27.16	26.15	32.63	31.49	0.964133523	0.966048666	0	-0.0871336	No
<i>KAZALD1</i>	2.39	2.62	25.96	26.26	1.067846608	1.011301763	0	-0.0211263	No
<i>FBXW4</i>	1.35	1.49	4.41	5.04	1.059574468	1.116841878	0	0	No
<i>NPM3</i>	1.43	4.37	10.10	10.17	2.209876543	1.005984542	1.22647	0	No
<i>TNKS2</i>	1.25	2.59	0.79	0.72	1.595555556	0.961886762	0.686383	0	No

<i>GBF1</i>	44.98	39.32	35.72	35.57	0.876903001	0.995993545	-0.127769	-0.0324772	No
<i>ARHGAP21</i>	43.28	49.3	14.77	17.01	1.135953026	1.142252515	0.116336	0	No
<i>CPEB3</i>	41.53	60.37	20.93	19.99	1.442981425	0.9573033	0.45047	-0.123341	No
<i>FBXL15</i>	86.92	49.35	<0.1	NA	0.572679709	NA	-0.702919	NA	No
<i>CUEDC2</i>	38.3	66.47	45.40	58.00	1.716793893	1.271463567	0.664598	0.0143019	No
<i>SUFU</i>	2	3.31	<0.1	NA	1.436666667	NA	0.502092	NA	No
<i>ANKRD26</i>	2.09	2.79	1.56	2.02	1.226537217	1.181058204	0.075862	0	No
<i>ACBD5</i>	3.77	3.96	9.38	10.37	1.039832285	1.0951142	0	0	No
<i>LHPP</i>	5.49	3.01	0.92	0.88	0.617873652	0.980494688	-0.54437	0	No
<i>LARP4B</i>	18.71	10.9	13.67	16.26	0.603754439	1.176496813	-0.606854	0	No
<i>GTPBP4</i>	14.16	10.7	72.02	75.55	0.77176781	1.04830483	-0.273261	-0.0433026	No
<i>EDRF1</i>	0.25	0.28	0.48	0.62	1.024	1.09427175	0	0	No
<i>BCCIP</i>	9.83	6.53	<0.1	NA	0.695290859	NA	-0.447559	NA	No
<i>MTPAP</i>	1.59	2.24	0.83	1.44	1.250965251	1.336032484	0.201394	0.260558	No
<i>NEURL1</i>	3.14	3.2	4.81	5.88	1.014492754	1.183601723	0	0	No
<i>SH3PXD2A</i>	5.23	10.49	14.24	18.58	1.844301766	1.285076418	0.628164	0.121953	No
<i>PITRM1</i>	3.68	5.76	30.60	34.92	1.444444444	1.136593634	0.436365	0	No
<i>STN1</i>	11.24	10.98	12.31	13.79	0.97875817	1.111137626	0	0	No
<i>MAP3K8</i>	3.87	5.94	<0.1	NA	1.425051335	NA	0.177752	NA	No
<i>DKK1</i>	0.67	0.4	<0.1	NA	0.838323353	NA	-0.398811	NA	No
<i>EBF3</i>	13.36	18.38	5.30	6.26	1.349582173	1.152959843	0.335577	0	No
<i>GLRX3</i>	2.35	2.46	4.52	5.17	1.032835821	1.117705474	0	0	No
<i>TASOR2</i>	1.01	1.2	2.83	3.46	1.094527363	1.163496244	0	0	No
<i>XPNPEP1</i>	0.37	0.37	1.94	2.38	1	1.148961297	0	0	No
<i>SMC3</i>	42.37	45.5	0.43	0.61	1.072169703	1.128385783	0.0164915	0	No
<i>SHOC2</i>	18.49	16.77	11.27	10.48	0.911749615	0.935978622	-0.0651606	-0.166751	No
<i>TFAM</i>	15.22	16.6	7.09	8.64	1.085080148	1.191238825	0.00942139	0.0450084	No
<i>CCDC6</i>	4.5	5.07	0.90	1.16	1.103636364	1.134744698	0	0	No
<i>CUL2</i>	3.38	4.08	9.83	9.29	1.159817352	0.950406197	0.107018	-0.141878	No
<i>CCNY</i>	10.99	13.25	15.10	16.53	1.188490409	1.089053921	0.141951	0	No
<i>UBE2S</i>	2.67	4.77	8.18	10.06	1.572207084	1.205302758	0.654748	0	No
<i>RPL28</i>	4.28	5.52	10.02	10.11	1.234848485	1.008044967	0.0262879	0	No
<i>ZMIZ1</i>	4.74	5.8	8.49	8.44	1.18466899	0.994816597	0.0582809	0	No
<i>DNAJC12</i>	4.17	4.39	8.97	9.30	1.042553191	1.033457443	0	0	No
<i>PPIF</i>	6.7	3.42	2.69	2.85	0.574025974	1.042648341	-0.464015	0	No
<i>PBLD</i>	1.62	1.62	2.50	2.31	1	0.945639364	0	-0.0183609	No
<i>TSPAN14</i>	0.87	1.09	1.36	1.72	1.117647059	1.152009775	0.0720723	0.105327	No
<i>TBC1D12</i>	0.86	1.07	1.35	1.91	1.112903226	1.239609573	0	0.12305	No

KRT23	0.38	0.67	7.56	8.54	1.210144928	1.114867628	0.485132	0	No
NUFIP2	0.64	0.64	4.37	4.50	1	1.025002377	0	0	No
GIT1	13.93	13.73	3.39	3.47	0.986604153	1.019118877	0	0	No
RPL19	0.23	0.53	3.69	5.20	1.243902439	1.32144348	0.767305	0.0620896	No
FBXL20	10.06	41.58	<0.1	NA	3.849909584	NA	1.87825	NA	No
RUNDC3A	6.2	6.58	27.81	24.33	1.052777778	0.879206934	0	-0.279097	No
UBTF	8.68	8.52	9.72	9.87	0.983471074	1.014250752	0	-0.0239071	No
CSF3	11.96	14.65	15.19	14.01	1.207561728	0.927048084	0.0877691	-0.166379	No
PSMD3	3.07	2.62	10.34	12.02	0.889434889	1.14795781	0	0	No
CASC3	4.14	14.1	595.54	506.59	2.937743191	0.850888608	1.57077	-0.335816	No
RAPGEFL1	15.44	24.66	6.41	7.46	1.560827251	1.141879025	0.475152	0	No
RGS9	23.4	26.05	2.60	2.96	1.108606557	1.09930708	0.0170428	0	No
RNF43	5.91	4.88	8.79	8.91	0.850940666	1.012179912	-0.140061	0	No
WNT3	3.85	4.7	6.71	9.27	1.175257732	1.332658704	0.00439698	0.118559	No
RAD51C	46.68	45.43	97.48	91.32	0.973783557	0.937427531	0	-0.132615	No
SEPTIN4	13.36	17.55	29.39	30.47	1.29178273	1.035491059	0.30922	0	No
MTMR4	11.02	13.38	43.63	48.26	1.196339434	1.1037343	0.146824	0	No
TRIM37	0.12	0.08	0.27	0.13	0.964285714	0.892250231	0	0	No
DHX40	7.86	7.88	7.64	9.54	1.002257336	1.220467877	0	0.0500137	No
TUBD1	7.15	11.55	4.13	4.33	1.539877301	1.039442451	0.561278	0	No
KPNB1	11.77	9	16.23	21.81	0.783085356	1.323736835	-0.144468	0.155539	No
GOSR2	1.92	4.51	0.24	0.82	1.886986301	1.464351928	1.00614	0.549394	No
PNPO	1.11	0.77	9.24	8.01	0.838862559	0.8797989	-0.0924342	-0.0260146	No
RPS6KB1	5.34	5.34	21.07	19.52	1	0.929886803	0	-0.115288	No
TRIM16L	26.52	22.7	33.24	30.10	0.86119186	0.908227054	-0.101134	-0.231409	No
ZNF29P	34.62	29.18	26.53	28.77	0.847276811	1.081404561	-0.145013	0	No
CDK5RAP3	5.39	6.14	3.22	4.23	1.117370892	1.239424017	0	0	No
CBX1	2.12	1.71	5.53	5.34	0.868589744	0.971356277	0	0	No
RECQL5	22.07	37.65	14.08	17.31	1.675335934	1.213913707	0.669211	0.052286	No
PIGL	10.01	14.72	32.96	34.16	1.427792916	1.035432142	0.444918	0	No
GALK1	21.18	33.92	29.61	27.88	1.574391344	0.94336822	0.597062	-0.158851	No
INTS2	2.39	2.87	1.21	1.35	1.14159292	1.064623735	0	0	No
CAMTA2	27.64	19.96	92.32	92.64	0.731843575	1.003400566	-0.280443	-0.0598373	No
MED13	2.27	5.38	<0.1	NA	1.951070336	NA	1.04658	NA	No
HOXB6	2.49	3.68	2.95	3.79	1.340974212	1.213178883	0.334896	0.100416	No
ENO3	3.63	3.63	3.44	4.48	1	1.235316688	0	0.0565447	No
PFN1	11.22	9.82	15.43	15.68	0.885433715	1.01520223	-0.0754078	-0.0215998	No
RNF167	18.32	23.28	0.19	0.39	1.256728778	1.169495209	0.239433	0	No

<i>SLC25A11</i>	1.24	2.66	4.42	4.44	1.633928571	1.00292055	0.787254	0	No
<i>RASD1</i>	26.15	22.17	22.41	24.07	0.853406998	1.071005766	-0.136012	0	No
<i>RAI1</i>	0.49	4.17	0.96	1.53	3.469798658	1.288715803	2.65346	0.142088	No
<i>NUP88</i>	3.37	3.21	16.54	20.93	0.963386728	1.250221398	0	0.090597	No
<i>C1QBP</i>	4.68	4.92	12.03	13.70	1.042253521	1.128015421	0	0.0454713	No
<i>BLMH</i>	5.73	4.71	14.91	14.95	0.848439822	1.00250006	-0.0558303	-0.0852896	No
<i>CPD</i>	12.93	14.76	0.77	1.18	1.131371141	1.229889533	0.0610243	0.141523	No
<i>GOSR1</i>	26.3	24.74	<0.1	NA	0.942857143	NA	0	NA	No
<i>CCDC47</i>	4.37	4.93	7.66	6.60	1.104283054	0.877431624	0.00875849	-0.0948082	No
<i>MED31</i>	15.02	11.16	24.52	22.74	0.759051186	0.930233514	-0.311251	-0.122185	No
<i>DRG2</i>	4.42	5.1	40.35	47.47	1.125461255	1.172181651	0.0652562	0.0120663	No
<i>FTSJ3</i>	13.43	11.93	22.00	19.09	0.896049896	0.873432131	-0.0588133	-0.271822	No
<i>AKAP10</i>	20.52	11.78	20.31	21.37	0.593866171	1.049589993	-0.563722	0	No
<i>ALDH3A1</i>	7.42	5.2	17.99	13.30	0.736342043	0.752820316	-0.337738	-0.396275	No
<i>SMARCD2</i>	0.94	1.5	6.75	6.54	1.288659794	0.972571361	0.426399	0	No
<i>ICAM2</i>	30.85	30.71	113.10	104.18	0.995604396	0.921811311	0	-0.214715	No
<i>SYNGR2</i>	0.51	1.97	6.98	6.46	1.966887417	0.93529287	1.19868	0	No
<i>B9D1</i>	3.93	4.67	4.01	5.11	1.15010142	1.218598265	0	0.0105289	No
<i>UTP6</i>	15.09	15.25	46.12	45.89	1.009944065	0.995220184	0	-0.107312	No
<i>DDX5</i>	2.99	2.33	6.66	6.66	0.834586466	0.99964019	-0.0738325	0	No
<i>C17orf75</i>	199.81	204.89	334.90	292.25	1.025297545	0.873022135	0.00655329	-0.297226	No
<i>CYTH1</i>	31.71	33.33	35.50	36.14	1.049526139	1.01750379	0	-0.0676247	No
<i>PSMD11</i>	5.55	7.64	<0.1	NA	1.319083969	NA	0.306968	NA	No
<i>LGALS3BP</i>	4.74	5.36	20.15	20.27	1.108013937	1.005891805	0.0655831	-0.111031	No
<i>PEX12</i>	2.16	2.03	6.25	7.47	0.958860759	1.167901109	0	0	No
<i>KRT32</i>	10.97	8.45	280.43	245.62	0.789473684	0.876305613	-0.191034	-0.272162	No
<i>DHX58</i>	10.88	11.82	11.77	12.48	1.079124579	1.055677951	0.00104591	0	No
<i>KAT2A</i>	2.89	3.15	1.56	1.65	1.066838046	1.035386316	0	0.0217731	No
<i>RAB5C</i>	2.06	0.58	4.26	3.85	0.516339869	0.921231384	-1.42058	-0.0478981	No
<i>NAGLU</i>	1.46	1.41	2.63	3.00	0.979674797	1.101678945	0	0	No
<i>HSD17B1P1</i>	3.65	3.98	<0.1	NA	1.070967742	NA	0	NA	No
<i>HSD17B1</i>	3.93	3.52	5.77	6.34	0.9168357	1.08361949	0	0	No
<i>MLX</i>	13.11	17.09	80.70	75.92	1.282069454	0.941475588	0.27985	-0.16428	No
<i>CNTNAP1</i>	2.79	1.88	123.91	101.73	0.759894459	0.822468469	-0.253441	-0.355442	No
<i>EZH1</i>	16.02	13.85	<0.1	NA	0.872502938	NA	-0.0041593	NA	No
<i>DLX4</i>	272.73	213.3	137.82	87.34	0.782888248	0.636392097	-0.322084	-0.770032	No
<i>PPP1R9B</i>	17.42	11.84	23.96	17.52	0.697068404	0.74202507	-0.404947	-0.447008	No
<i>COL1A1</i>	9.36	11.18	4.61	4.32	1.175675676	0.948558809	0.125728	-0.0362487	No

MRPL27	34.04	28.13	67.69	57.10	0.831335616	0.845823422	-0.145506	-0.249297	No
VAT1	8.8	6.69	28.15	28.52	0.784693878	1.012720776	-0.105696	0	No
LRRC59	8.07	6.86	20.97	19.45	0.866593164	0.930935614	0	-0.148129	No
RND2	14.2	10.73	54.08	60.45	0.771710526	1.115682672	-0.302932	0	No
ALOX12	0.17	0.06	7.54	10.76	0.905982906	1.377246022	0	0.210623	No
HDAC5	3.97	4.26	9.95	10.42	1.058350101	1.043056	0	0	No
ABCC3	10.46	9.52	139.34	110.66	0.917975567	0.795658086	-0.0130508	-0.460955	No
LUC7L3	30.92	33.75	152.32	133.36	1.088659148	0.876311619	0.0688856	-0.315877	No
MPP2	17.66	19.19	16.80	15.31	1.081993569	0.916506881	0.0303628	-0.22073	No
SMURF2	3.57	4.53	6.16	5.61	1.210065646	0.922965937	0.0201128	-0.0766683	No
DUSP3	0.75	0.73	1.92	2.57	0.988571429	1.221146759	0	0	No
EFTUD2	15.11	17.2	11.50	12.55	1.129733085	1.08387791	0.0918093	0	No
SLC16A6	5.9	5.6	9.32	8.86	0.956521739	0.955610688	0	-0.0410423	No
PRKAR1A	172.84	166.01	<0.1	NA	0.960710999	NA	0	NA	No
EFNB3	9.27	11.64	35.95	38.06	1.230769231	1.056978481	0.20857	0	No
YWHAE	3.69	2.92	5.25	5.48	0.835820896	1.037384172	-0.0927771	0	No
AC130689.1	3.29	4.89	4.18	3.44	1.372960373	0.856943488	0.410868	-0.242168	No
MMD	11.19	15.92	15.67	15.15	1.38802297	0.969001506	0.34413	0	No
RANGRF	12.83	12.94	41.92	41.95	1.007953724	1.000698366	0	-0.0559018	No
DPH1	13.16	15.17	20.59	19.93	1.141949153	0.969556436	0.0633157	0	No
DHRS7B	14.64	19.64	17.28	17.63	1.319693095	1.019243262	0.324013	-0.0038269	No
WSB1	0.16	27.93	164.11	147.58	24.93965517	0.899887757	6.37667	-0.248004	No
SLC9A3R1	0.33	0.24	4.15	2.63	0.932330827	0.704293528	0	-0.64064	No
MYH3	37.68	26.6	250.59	220.79	0.713547053	0.881546255	-0.349868	-0.239132	No
NAT9	0.61	0.45	0.67	0.58	0.900621118	0.946455329	-0.008343	0	No
TMEM104	110.16	71.46	302.22	242.82	0.651853185	0.804113618	-0.561533	-0.423277	No
VTN	20.01	16.05	35.60	37.63	0.811518325	1.055428187	-0.189114	0	No
TNFAIP1	53.41	54.18	82.94	81.51	1.01415181	0.982931274	0	-0.0985673	No
IFT20	26.13	29.88	60.04	51.57	1.138223369	0.86128161	0.0878196	-0.278778	No
TMEM97	15.87	7.34	25.24	24.37	0.494368702	0.966768351	-0.968302	-0.0637752	No
CDR2L	23.35	25.59	33.31	36.48	1.091991786	1.092497052	0.0396927	0	No
PMP22	3.29	3.51	1.52	1.70	1.051282051	1.070559195	0	0	No
UNC119	4.05	7.67	0.13	0.03	1.716831683	0.912436166	0.730176	0	No
ALDOC	1.84	2.7	7.51	7.70	1.302816901	1.021875299	0.318695	0	No
SUPT6H	2.26	3.9	<0.1	NA	1.503067485	NA	0.582325	NA	No
RAB34	0.68	5.07	<0.1	NA	3.613095238	NA	2.4846	NA	No
PHF12	24.65	32.74	36.09	36.82	1.31539961	1.0196187	0.328214	-0.0561245	No
TMEM33	2.32	3.15	12.71	10.78	1.25	0.859025935	0.200441	-0.205994	No

SLAIN2	13.44	13.92	7.79	8.99	1.033240997	1.136881169	0	0	No
OCIAD1	0.26	0.37	0.11	0.19	1.087301587	1.073932701	0	0	No
CWH43	6.6	4.45	7.96	10.12	0.717105263	1.241404087	-0.32951	0.100162	No
DCUN1D4	0.38	0.73	0.34	0.69	1.253623188	1.261278653	0.173408	0.217477	No
USP46	1.39	1.73	6.08	7.19	1.142259414	1.15710676	0.101844	0	No
CHIC2	6.67	7.97	6.76	7.61	1.169491525	1.110068672	0.0260948	0	No
NMU	2.23	3.64	4.40	4.82	1.436532508	1.077404034	0.353844	0	No
LAMTOR3	0.12	2.33	<0.1	NA	2.973214286	NA	3.45919	NA	No
NFKB1	0.13	0.44	<0.1	NA	1.274336283	NA	0.866518	NA	No
AREG	22.54	17.19	16.17	17.77	0.772727273	1.093011752	-0.28645	0	No
MANBA	19.11	28.2	63.11	72.51	1.452013923	1.146580394	0.467044	0	No
UBE2D3	1.73	1.88	2.71	3.44	1.054945055	1.195615581	0	0	No
ELF2	40.08	20.07	25.35	24.21	0.512901655	0.956671581	-0.90763	-0.170515	No
NDUFC1	2.6	3.74	18.42	21.38	1.316666667	1.15237839	0.291281	0	No
TBC1D9	0.12	0.24	<0.1	NA	1.107142857	NA	0.0112353	NA	No
ZNF330	8.49	7.71	9.43	8.41	0.917808219	0.902229584	0	-0.14947	No
INPP4B	0.53	0.71	1.14	2.02	1.117647059	1.410299772	0.0494611	0.399772	No
GAB1	14.04	15.11	34.44	35.34	1.071143617	1.025296988	0.00279437	-0.0269958	No
KLHL2	7.32	8.31	10.66	12.78	1.118990385	1.181697375	0.0175197	0	No
CPE	4.31	8.32	8.85	10.20	1.755178908	1.137480593	0.817649	0	No
RPL34	1.38	2.02	5.70	5.88	1.268907563	1.026356515	0.249678	0	No
WFS1	0.37	0.33	5.55	6.07	0.97080292	1.079271526	0	0	No
ANXA10	0.55	0.71	2.86	2.56	1.103225806	0.921300139	0	-0.0032848	No
GRPEL1	4.59	5.15	6.99	6.47	1.100178891	0.934797936	0	-0.113565	No
GAR1	6.95	10.42	<0.1	NA	1.436477987	NA	0.471495	NA	No
FRG1	2.83	2.6	4.12	4.84	0.939947781	1.141233685	0	0	No
CLCN3	1.25	2.25	3.36	4.80	1.444444444	1.329392651	0.615528	0.191238	No
AADAT	1.93	1.69	15.10	14.35	0.918088737	0.953158737	0	0	No
GALNT7	15.81	24.8	29.32	32.92	1.534800714	1.118808438	0.507828	0	No
DHX15	2.74	3.25	7.33	7.72	1.136363636	1.047174255	0.0596144	0	No
SOD3	39.75	25.08	0.93	0.66	0.64	0.858333946	-0.510708	-0.005381	No
SEPSECS	9.79	17.42	19.07	19.88	1.707136237	1.040548407	0.676465	0	No
CPZ	12.82	20.72	12.02	10.00	1.571635311	0.845172717	0.441613	-0.123177	No
TRIM2	0.4	0.59	<0.1	NA	1.135714286	NA	0.00958926	NA	No
SLC2A9	2.86	3.82	15.47	18.02	1.248704663	1.154654854	0.187556	0	No
FBXW7	1.1	1.78	3.75	3.22	1.323809524	0.888118621	0.446285	-0.137747	No
NEIL3	0.81	0.68	2.68	3.63	0.928176796	1.25875662	0	0.12829	No
TBC1D19	0.5	0.64	4.71	4.97	1.093333333	1.045892849	0	0	No

<i>NSD2</i>	1.44	1.93	5.96	6.33	1.200819672	1.053010675	0.0838093	0	No
<i>SH3D19</i>	4.66	5.07	10.26	11.60	1.072438163	1.119169483	0	0	No
<i>STIM2</i>	3.03	5.21	10.39	10.17	1.540942928	0.980248495	0.511834	-0.0392663	No
<i>NKX3-2</i>	10.49	7.69	17.81	16.15	0.756309835	0.911789112	-0.268646	-0.0988527	No
<i>MFSD10</i>	6.53	5.06	144.50	145.69	0.804780876	1.008192475	-0.0446203	-0.0449375	No
<i>GLRB</i>	0.11	0.12	0.53	0.50	1.009009009	0.981667431	0	0	No
<i>BST1</i>	1.47	1.46	10.60	8.58	0.995951417	0.825781905	0	-0.279822	No
<i>RAPGEF2</i>	30.16	22.05	6.26	7.93	0.739730424	1.230439219	-0.328034	0	No
<i>SNX25</i>	6.56	5.33	9.98	11.98	0.837301587	1.181974568	-0.117342	0.0299173	No
<i>UFSP2</i>	6.14	4.21	59.79	73.22	0.729691877	1.220862952	-0.326816	0.0307868	No
<i>KLF3</i>	4.18	5.01	<0.1	NA	1.16023166	NA	0.0700474	NA	No
<i>KLHL5</i>	10.48	9.64	<0.1	NA	0.926829268	NA	0	NA	No
<i>NCAPG</i>	27.65	38.16	5.96	6.34	1.366841187	1.055315997	0.375606	0	No
<i>UGDH</i>	107.69	124.77	57.49	57.16	1.157144171	0.994369958	0.155339	-0.0526523	No
<i>CRYAB</i>	1.19	1.6	5.29	5.62	1.187214612	1.052225353	0.122051	0	No
<i>HTATIP2</i>	2.61	2.95	14.03	15.28	1.094182825	1.083278506	0	0	No
<i>CTSC</i>	2.22	3.71	4.63	6.36	1.462732919	1.307901098	0.464338	0.0690393	No
<i>CCDC34</i>	0.82	33.47	<0.1	NA	18.93956044	NA	5.02505	NA	No
<i>ELP4</i>	1.72	2.62	0.92	1.00	1.330882353	1.042040146	0.248565	0	No
<i>ZPR1</i>	4.94	4.92	4.38	4.09	0.996632997	0.946469543	0	0	No
<i>MTCH2</i>	0.37	0.59	3.03	3.32	1.160583942	1.072814407	0.340498	0	No
<i>FNBP4</i>	29.01	20.79	32.34	32.28	0.726091303	0.998116131	-0.386307	-0.0146699	No
<i>SC5D</i>	57.38	37.09	244.29	238.13	0.652449469	0.974880168	-0.56277	-0.114001	No
<i>JHY</i>	5.66	4.33	19.97	21.62	0.8003003	1.078687984	-0.187504	0	No
<i>B3GAT1</i>	54.04	37.18	0.62	0.62	0.693677326	0.996919062	-0.464835	0	No
<i>HSPA8</i>	0.54	0.39	0.28	0.23	0.902597403	0.959306766	0	0	No
<i>VWA5A</i>	12.26	15.18	17.76	18.27	1.220211161	1.026999889	0.147457	0	No
<i>DNAJC4</i>	1.51	1.21	2.90	3.16	0.880478088	1.06658825	-0.0361778	0	No
<i>SIAF</i>	2.02	4.96	2.50	3.25	1.973509934	1.213948791	1.0107	0.0599217	No
<i>SNX15</i>	19.02	27.76	18.64	19.57	1.436563437	1.047337372	0.418276	0	No
<i>LPXN</i>	0.46	1.19	1.32	1.63	1.5	1.135490038	0.744761	0	No
<i>DTX4</i>	12.59	14.81	19.58	21.97	1.163355408	1.116179112	0.1541	0	No
<i>ATG2A</i>	78.54	58.33	58.36	57.70	0.745914006	0.988869848	-0.369719	-0.0765979	No
<i>EHD1</i>	52.91	43.66	84.91	83.63	0.828417733	0.985155968	-0.193784	-0.0845544	No
<i>OSBP</i>	18.49	17.24	<0.1	NA	0.935864546	NA	0	NA	No
<i>UNC93B1</i>	70.68	54.94	153.91	158.58	0.780412946	1.030170363	-0.317964	-0.0418297	No
<i>PUS3</i>	70.77	48.82	61.19	50.48	0.694161906	0.827733066	-0.466097	-0.347129	No
<i>DCPS</i>	5.38	7.2	3.39	4.22	1.285266458	1.189459755	0.200745	0	No

KMT5B	4.83	4.15	32.70	33.48	0.883361921	1.02299873	-0.0183027	-0.0020066	No
FOXRED1	1.73	3.75	6.88	8.88	1.73992674	1.253297469	0.837744	0.0466767	No
PPP6R3	12.32	16.93	27.27	24.71	1.346096096	0.909310033	0.347793	-0.20741	No
ST3GAL4	0.83	1.12	2.65	2.90	1.158469945	1.068459725	0.0483541	0	No
CPT1A	3.02	3.68	15.62	17.26	1.164179104	1.09879512	0.0254478	0	No
CCND1	9.65	7.92	29.13	32.36	0.837558685	1.107099394	-0.0191395	0	No
CCDC86	8.19	7.21	27.11	28.02	0.89336235	1.032392017	0	0	No
PRPF19	13.89	17	21.36	26.05	1.20886501	1.209953568	0.14389	0.0690653	No
TMEM109	0.55	1.36	13.46	16.06	1.522580645	1.179792133	0.628297	0	No
TRIM3	15.02	19.57	20.75	22.32	1.284019975	1.072055525	0.25678	0	No
CHORDC1	0.86	0.96	10.75	9.61	1.053763441	0.903317309	0	-0.222173	No
FOLR1	9.38	8.78	<0.1	NA	0.942196532	NA	0	NA	No
ANAPC15	3.2	3.93	19.58	19.35	1.173809524	0.988932616	0.118771	-0.0890206	No
PANX1	38.13	58.73	107.54	119.41	1.526450294	1.109381035	0.562194	0	No
ARHGEF17	7.99	10.83	11.52	14.29	1.315906563	1.221132607	0.266387	0.0436402	No
CEP164	3.32	2.98	26.55	33.57	0.921296296	1.254707573	-0.0015499	0.0472178	No
RNF141	9.25	10.55	11.87	9.33	1.126829268	0.802938451	0.0185481	-0.319346	No
CEP126	33.19	23.87	138.92	134.74	0.727405674	0.970139187	-0.385766	-0.148051	No
EIF4G2	23.92	25.16	51.64	52.18	1.04975923	1.01026119	0	-0.038201	No
IL10RA	0.17	2.37	<0.1	NA	2.88034188	NA	2.32597	NA	No
GALNT18	74.84	67.77	93.09	82.18	0.906777426	0.884026807	-0.0754044	-0.324961	No
BIRC2	10.7	13.7	0.19	0.19	1.256410256	0.998562799	0.0501124	0	No
UBE4A	10.63	16.13	42.58	35.48	1.472914875	0.837188869	0.453332	-0.349172	No
DDX6	0.27	1.09	25.39	25.01	1.645669291	0.98553814	1.17701	-0.133111	No
UPK2	100.79	63.55	223.30	181.70	0.634148738	0.814553883	-0.58348	-0.392042	No
CBL	33.87	31.71	184.07	182.54	0.938055635	0.991719242	-0.0216824	-0.0731337	No
NECTIN1	0.56	4.79	0.20	0.40	3.711538462	1.165656348	2.48885	0	No
HIPK3	1.4	1.48	26.16	26.22	1.033333333	1.002167393	0	-0.0748065	No
KIAA1549L	60.06	52.06	200.34	204.56	0.86898133	1.020976984	-0.138148	-0.096683	No
FBXO3	36.41	45.76	45.78	44.66	1.249933173	0.976006937	0.253423	-0.0882568	No
PDHX	16.12	11.65	108.05	95.40	0.738901869	0.884037167	-0.333479	-0.299249	No
COMMD9	8.08	8.13	8.17	7.62	1.005506608	0.939579667	0	0	No
SLC15A3	7.48	7.72	23.67	22.89	1.028301887	0.968443045	0	-0.0965649	No
ACCS	21.83	23.95	115.85	105.41	1.092860272	0.910614156	0.00817557	-0.188045	No
MDK	19.25	19.34	17.93	14.57	1.004444444	0.822587356	0	-0.324662	No
AMBRA1	22.59	21.91	1.56	2.04	0.971174226	1.186471824	0	0	No
MADD	5.77	6.85	5.68	3.80	1.159527326	0.717861141	0	-0.455569	No
PTPMT1	13.13	14.45	47.68	40.48	1.093418259	0.852143534	0.0224054	-0.287779	No

NAA40	8.01	9.8	43.39	37.36	1.198668147	0.864233658	0.182686	-0.30698	No
CARS1	8.06	13.25	126.26	122.17	1.572847682	0.96783436	0.556304	-0.0973624	No
SLC22A18	22.1	26.57	74.14	79.80	1.193506494	1.075372348	0.10995	0	No
CD81	10.26	13.72	9.43	9.05	1.307282416	0.963874676	0.252691	-0.0849977	No
SLC35F2	0.37	0.73	158.69	144.67	1.262773723	0.912224242	0.216586	-0.227933	No
C11orf58	31.21	23.54	232.30	196.54	0.761875194	0.8467236	-0.280281	-0.351483	No
PITPNM1	1.13	0.6	0.95	0.54	0.751173709	0.791234947	0	0	No
RPS13	235.74	197.42	1115.04	951.27	0.838134662	0.853254747	-0.215617	-0.348456	No
AIP	31.15	30.14	32.12	30.58	0.968584759	0.953385017	0	-0.0755003	No
NUP98	38.22	46.41	38.16	39.56	1.20882203	1.035781926	0.153791	0	No
NDUFS8	12.65	10.49	5.23	8.49	0.841758242	1.523070421	-0.136283	0.419218	No
TCIRG1	9.3	9.48	19.55	21.43	1.017475728	1.091534541	0	0	No
CHKA	0.26	7.13	29.48	38.06	6.452380952	1.281610033	3.78524	0.0958746	No
EXPH5	1.05	1.41	1.72	1.90	1.175609756	1.066395721	0	0	No
HPS5	12.2	17	26.40	31.55	1.363636364	1.188097617	0.317541	0	No
GTF2H1	24.77	21.03	65.29	69.04	0.854870004	1.056527236	-0.141747	-0.0178484	No
VWF	98.06	86.9	<0.1	NA	0.887341005	NA	-0.124317	NA	No
PSMD9	37.18	44.2	67.93	63.39	1.183865898	0.934169638	0.16001	-0.125601	No
P3H3	9.36	8.97	62.82	58.18	0.962355212	0.9273355	0	-0.182695	No
PPFIBP1	12.46	12.9	35.32	30.10	1.03268945	0.856398679	0	-0.252784	No
PRPF40B	98.88	95.06	114.01	106.81	0.961754105	0.937385865	0	-0.155812	No
PRDM4	14.04	18.23	42.00	45.11	1.278590426	1.072321357	0.248883	0	No
COQ5	2.05	2.97	10.18	8.96	1.301639344	0.890881534	0.102375	-0.112588	No
SELPLG	79.45	136.69	105.37	108.86	1.711497825	1.032764412	0.704553	-0.0145005	No
CORO1C	73.92	57.3	143.24	145.42	0.778163374	1.015119478	-0.27356	-0.0552344	No
ASIC1	2.83	4.4	19.71	19.97	1.409921671	1.012381576	0.446625	0	No
CAPRIN2	37.51	40.61	61.01	63.43	1.080498572	1.039086934	0	-0.0027091	No
TSPAN11	55.46	50.29	196.17	175.73	0.908430747	0.896318272	-0.082241	-0.236464	No
KCTD10	0.94	1.39	2.01	2.16	1.231958763	1.048473919	0.075005	0	No
SLC11A2	2.65	3.06	8.91	7.77	1.112328767	0.884666006	0	-0.179991	No
MLEC	2.84	5.04	<0.1	NA	1.572916667	NA	0.463273	NA	No
MVK	17.58	17.55	28.89	33.74	0.998385361	1.162155389	0	0.0577838	No
CSRNP2	20.37	16.63	24.97	24.12	0.824988301	0.967344864	-0.184588	-0.0231177	No
CAMKK2	2.22	2.73	3.13	2.62	1.158385093	0.877443217	0.0516352	0	No
IL23A	4.91	8	<0.1	NA	1.52284264	NA	0.481915	NA	No
ATP5F1B	4.45	12.51	<0.1	NA	2.478899083	NA	1.26077	NA	No
PTGES3	2.54	5.85	<0.1	NA	1.935028249	NA	0.995055	NA	No
BCL7A	0.85	5.62	1.32	3.22	3.578378378	1.817220239	2.08918	0.509899	No

<i>RSRC2</i>	5.67	7.44	10.76	10.73	1.265367316	0.997469929	0.182981	0	No
<i>CYP27B1</i>	6.82	9.11	12.88	13.93	1.292838875	1.075654145	0.167972	0	No
<i>KRT18</i>	9.59	10.01	19.46	19.02	1.039660057	0.978289695	0	-0.0713862	No
<i>TNS2</i>	25.83	28.88	71.83	86.02	1.113678718	1.194787535	0.0172593	0.00862648	No
<i>PPM1H</i>	9.87	9.75	14.17	13.18	0.988960442	0.934446667	0	-0.13268	No
<i>METAP2</i>	591.97	368.16	1978.93	1884.74	0.622561006	0.95242749	-0.653729	-0.176755	No
<i>LTA4H</i>	14.84	14.83	36.30	38.94	0.999368687	1.070658548	0	0	No
<i>ELK3</i>	71.54	52.65	150.38	141.78	0.739591949	0.943189231	-0.346006	-0.116585	No
<i>WNT5B</i>	3.23	4.27	1.42	1.17	1.245862884	0.895943772	0.0806814	0	No
<i>MAGOHB</i>	4.78	9.58	<0.1	NA	1.830449827	NA	0.699712	NA	No
<i>TRPV4</i>	43.4	43.19	113.73	129.49	0.99527027	1.137380772	0	0.00166581	No
<i>ITFG2</i>	1.91	3.02	0.58	0.47	1.381443299	0.93122236	0.392916	0	No
<i>FOXM1</i>	12.66	17.28	16.62	18.58	1.338213763	1.111248312	0.297281	0	No
<i>PRR4</i>	3.26	6.58	3.49	4.19	1.779342723	1.156810366	0.797321	0	No
<i>PARP11</i>	9.2	9.16	<0.1	NA	0.996078431	NA	0	NA	No
<i>ARPC3</i>	0.15	2.59	<0.1	NA	3.12173913	NA	2.53211	NA	No
<i>GPN3</i>	22.03	20.99	52.42	49.75	0.954841511	0.949959737	0	-0.117502	No
<i>VPS29</i>	28.73	17.94	33.07	33.38	0.637066936	1.009066316	-0.460744	0	No
<i>MYL2</i>	0.5	1.07	0.83	0.33	1.38	0.724978905	0	0	No
<i>RAD51AP1</i>	0.17	1.74	1.15	1.18	2.341880342	1.012976959	2.30882	0	No
<i>SH2B3</i>	105.8	79.58	140.43	111.53	0.754494382	0.795656276	-0.347677	-0.440082	No
<i>AKAP3</i>	12.23	13.86	13.56	12.84	1.123204837	0.950890809	0.0504672	-0.144972	No
<i>MANSC1</i>	19.39	13.21	0.51	0.78	0.69691025	1.180197848	-0.414536	0	No
<i>DUSP16</i>	9.71	5.24	8.71	10.20	0.582633053	1.153226518	-0.668503	0	No
<i>CREBL2</i>	8.39	11.97	22.31	20.64	1.381256656	0.928380969	0.368447	-0.161841	No
<i>ACAD10</i>	14.9	13.09	26.84	28.21	0.886163522	1.049200876	-0.0358273	0	No
<i>CDKN1B</i>	53.67	56.3	246.98	221.67	1.048106823	0.897918417	0.0119686	-0.273334	No
<i>GPRC5D</i>	17.16	15.29	29.91	27.73	0.897026432	0.929473475	-0.059854	-0.148826	No
<i>NAA25</i>	22.86	10.34	25.91	21.59	0.475272422	0.839503889	-0.981499	-0.379736	No
<i>SCNN1A</i>	8.62	9.82	41.30	34.94	1.124740125	0.849558288	0.0944277	-0.335606	No
<i>LTBR</i>	11.97	9.87	<0.1	NA	0.838087895	NA	-0.118741	NA	No
<i>OGFOD2</i>	76.41	86.35	90.82	76.07	1.128407183	0.83932694	0.10271	-0.268864	No
<i>CDK2AP1</i>	56.21	50.33	<0.1	NA	0.897220766	NA	-0.112694	NA	No
<i>OAS3</i>	34.55	32.52	70.29	60.18	0.942897328	0.858150964	0	-0.298914	No
<i>OAS2</i>	0.21	2.13	<0.1	NA	2.58677686	NA	1.44507	NA	No
<i>MGP</i>	232.68	184.48	1038.14	1002.18	0.793735022	0.965397045	-0.293797	-0.166512	No
<i>RASAL1</i>	58.33	23.27	<0.1	NA	0.409067925	NA	-1.2433	NA	No
<i>ARHGDIB</i>	0.17	0.12	29.00	32.71	0.957264957	1.123732617	0	0	No

<i>GTF2H3</i>	10.69	7.19	0.46	0.97	0.700598802	1.346696288	-0.383688	0.149643	No
<i>EIF2B1</i>	35.04	31.24	61.68	67.70	0.894561598	1.096101694	-0.0909403	0	No
<i>DDX55</i>	0.67	0.51	<0.1	NA	0.904191617	NA	0	NA	No
<i>SLC38A1</i>	37.84	30.37	77.32	71.98	0.807672503	0.931817419	-0.199694	-0.163865	No
<i>C12orf49</i>	81.77	86.73	203.88	197.48	1.059925094	0.968768307	0.0164394	-0.118706	No
<i>VDR</i>	12.82	15.18	71.47	70.09	1.170767004	0.980963115	0.12037	-0.0966292	No
<i>RFC5</i>	79.58	51.24	37.39	36.76	0.648299826	0.983615617	-0.53518	0	No
<i>STX2</i>	0.15	0.35	3.12	2.67	1.173913043	0.891509145	0.232988	0	No
<i>COPZ1</i>	0.71	1.47	0.74	2.07	1.444444444	1.762851803	0.558407	0.663871	No
<i>TBC1D30</i>	40.63	30.21	5.67	6.40	0.749699736	1.109388489	-0.363925	0	No
<i>CAND1</i>	15	18.99	9.35	7.52	1.249375	0.822912713	0	-0.177525	No
<i>RAB5B</i>	7.16	5.68	20.64	19.79	0.818627451	0.960720587	-0.206509	-0.14186	No
<i>MDM1</i>	96.51	66.91	66.46	61.74	0.696441391	0.92996741	-0.445992	-0.172254	No
<i>NUP107</i>	7.24	9.09	19.95	20.83	1.224514563	1.042065547	0.201126	0	No
<i>CNOT2</i>	12.02	11.45	34.75	34.27	0.956221198	0.98654115	0	-0.0512693	No
<i>TIMELESS</i>	0.41	3.54	30.04	28.21	3.219858156	0.940889922	2.55619	-0.211959	No
<i>CPSF6</i>	0.29	8.04	0.35	0.00	7.007751938	0.740740741	3.29245	-1.16911	No
<i>KRR1</i>	0.87	0.85	11.03	13.88	0.989304813	1.237075057	0	0.0982078	No
<i>MRPL51</i>	8.15	8.36	39.41	39.42	1.02295082	1.000186492	0	-0.0796766	No
<i>GAPDH</i>	0.3	0.45	2.78	3.12	1.115384615	1.089680763	0	0	No
<i>NOP2</i>	1.16	3.4	2.60	3.43	2.037037037	1.23037667	1.23318	0	No
<i>CHD4</i>	14.21	10.82	10.13	10.56	0.777120316	1.038894654	-0.24395	0	No
<i>ACRBP</i>	4.32	1.89	8.26	7.31	0.543233083	0.896917325	-0.925096	-0.174547	No
<i>UHRF1BP1L</i>	71.33	59.85	38.39	39.45	0.841283008	1.026931773	-0.146017	0	No
<i>COPS7A</i>	2.47	21.69	2.63	3.20	6.538904899	1.156911301	2.80944	0	No
<i>ING4</i>	27.21	24.31	<0.1	NA	0.897199575	NA	-0.0430897	NA	No
<i>GNB3</i>	0.51	3.67	<0.1	NA	3.092715232	NA	2.14209	NA	No
<i>CDCA3</i>	4	8.14	0.95	0.69	1.828	0.86844624	0.791645	-0.0661734	No
<i>CHPT1</i>	10.78	7.53	17.62	16.49	0.724108659	0.939247814	-0.34509	-0.0492862	No
<i>USP5</i>	5.06	4.48	22.02	21.13	0.904290429	0.961406839	0	-0.0813191	No
<i>TPI1</i>	7.96	8.96	5.22	6.29	1.111607143	1.17177694	0	0	No
<i>GNPTAB</i>	61.42	56.35	105.58	99.99	0.918776033	0.947512313	-0.0717161	-0.169013	No
<i>SPSB2</i>	38.7	37.48	23.01	24.50	0.969269521	1.062194524	0	0	No
<i>ENO2</i>	0.9	1.2	47.65	44.33	1.157894737	0.931658255	0	-0.0754169	No
<i>ATN1</i>	14.13	15.45	18.81	16.90	1.087243886	0.903524923	0	-0.133004	No
<i>C12orf57</i>	0.2	0.6	<0.1	NA	1.333333333	NA	0	NA	No
<i>PTPN6</i>	78.07	65.83	18.00	20.25	0.845200455	1.118299293	-0.162233	0	No
<i>LPCAT3</i>	1.26	1.7	1.47	1.17	1.194690265	0.877730728	0.0760917	-0.114624	No

<i>NT5DC3</i>	6.16	7.93	10.29	8.43	1.247206704	0.834881545	0.0110556	-0.139219	No
<i>SLCO1B3</i>	52.02	50.74	41.49	37.95	0.975858167	0.916647664	0	-0.141377	No
<i>SUDS3</i>	29.7	42.76	44.20	47.68	1.425407166	1.076901252	0.359413	0	No
<i>GOLT1B</i>	0.54	1.25	<0.1	NA	1.461038961	NA	0.732054	NA	No
<i>LDHB</i>	148.92	73.91	218.12	234.86	0.499666489	1.07640135	-0.951555	-0.203177	No
<i>PRKAB1</i>	8.7	13.97	22.92	22.64	1.543298969	0.988493462	0.526998	0	No
<i>CMAS</i>	3.11	1.29	2.64	3.76	0.557177616	1.308517452	-0.673688	0	No
<i>HCFC2</i>	4.6	39.51	3.65	4.21	7.233928571	1.119440148	2.88878	0	No
<i>C2CD5</i>	9.65	13.27	13.42	11.69	1.339906103	0.879911885	0.311096	-0.195785	No
<i>RAB35</i>	2.3	2.55	4.76	5.44	1.075757576	1.11869429	0	0	No
<i>PHC1</i>	0.39	0.27	<0.1	NA	0.913669065	NA	0	NA	No
<i>COX6A1</i>	85.05	67.5	256.77	229.34	0.796048809	0.893598281	-0.258986	-0.22348	No
<i>RIC8B</i>	20.5	20.77	48.10	39.19	1.01255814	0.818522224	0	-0.337784	No
<i>SRSF9</i>	0.72	0.67	0.55	0.58	0.970930233	1.018470212	0	0	No
<i>AC009533.1</i>	16.16	22.13	28.33	26.24	1.347902098	0.928751766	0.327149	-0.18067	No
<i>FGFR1OP2</i>	45.69	44	57.74	50.99	0.963803812	0.885097931	0	-0.19401	No
<i>COL12A1</i>	4.97	9.43	<0.1	NA	1.747068677	NA	0.676436	NA	No
<i>BTN3A3</i>	1.36	2.5	<0.1	NA	1.483050847	NA	0.368412	NA	No
<i>TDP2</i>	38.66	29.42	147.55	127.05	0.767019667	0.861995879	-0.309125	-0.286009	No
<i>FRK</i>	147.73	158.24	0.70	0.87	1.070664963	1.100688606	0.0471573	0	No
<i>DSE</i>	21.43	18.52	58.64	54.94	0.870263041	0.938038517	-0.0890508	-0.125227	No
<i>RWDD1</i>	145.85	118.73	322.94	270.87	0.815321757	0.839255869	-0.239714	-0.322657	No
<i>MAK</i>	6.13	7.94	20.84	22.65	1.253856942	1.083039384	0.187465	0	No
<i>TMEM14C</i>	1.01	1.89	1.68	1.46	1.437810945	0.91781858	0.353925	-0.204043	No
<i>PAK1IP1</i>	0.25	0.15	0.11	0.60	0.92	1.439108368	0	0.670651	No
<i>GCNT2</i>	5.09	7.95	0.51	0.85	1.469622332	1.227146077	0.355001	0.220172	No
<i>SMIM8</i>	18.64	19.44	44.27	41.41	1.040733198	0.936717388	0	-0.166595	No
<i>NEDD9</i>	16.42	19.52	44.64	46.75	1.177956372	1.046272808	0.121859	-0.0033506	No
<i>CEP85L</i>	8.47	8.68	65.52	62.59	1.02217529	0.955992276	0	-0.132053	No
<i>ADTRP</i>	7.51	7.57	12.99	10.23	1.007050529	0.802418287	0	-0.365842	No
<i>ASF1A</i>	6.7	11.85	5.21	4.49	1.668831169	0.883676776	0.705397	-0.218943	No
<i>MCM9</i>	0.17	0.54	4.57	5.57	1.316239316	1.179506108	0.65746	0	No
<i>RNGTT</i>	55.44	29.59	38.12	39.74	0.541991495	1.041308197	-0.766166	0	No
<i>MAN1A1</i>	15.89	14.43	0.64	0.77	0.913558319	1.080303672	0	0	No
<i>GABRR2</i>	4	5.82	21.06	22.51	1.364	1.065837081	0.363863	0	No
<i>SERINC1</i>	3.03	3.67	6.88	7.97	1.158808933	1.13871963	0.120144	0	No
<i>HDDC2</i>	0.92	1.04	2.04	2.37	1.0625	1.107950751	0	0	No
<i>TPD52L1</i>	2.87	3.56	22.16	24.21	1.178294574	1.088577242	0.134936	0	No

<i>HINT3</i>	4.36	3.37	16.37	17.66	0.815298507	1.074184708	-0.147962	0	No
<i>NCOA7</i>	2.77	3.76	14.06	15.02	1.262599469	1.063860917	0.201262	0	No
<i>SASH1</i>	6.69	18.92	<0.1	NA	2.590377113	NA	1.2768	NA	No
<i>UST</i>	2.06	2.59	4.32	3.77	1.173202614	0.897291605	0.0129793	-0.0490314	No
<i>ULBP1</i>	5.65	5.52	11.13	13.48	0.980451128	1.193704553	0	0.0322564	No
<i>FBXO5</i>	3.77	3.57	8.21	11.69	0.958071279	1.377925915	0	0.100335	No
<i>MTRF1L</i>	0.88	1.15	<0.1	NA	1.143617021	NA	0.10508	NA	No
<i>PPARD</i>	5.66	6.05	4.23	4.07	1.058558559	0.968464272	0	0	No
<i>FANCE</i>	0.35	0.61	3.37	3.38	1.192592593	1.001853488	0.11088	0	No
<i>TULP1</i>	1.27	1.91	1.42	1.29	1.281938326	0.94614841	0.23504	0	No
<i>MAPK14</i>	2.98	2.59	22.39	27.75	0.90201005	1.229183866	0	0.0849862	No
<i>KCTD20</i>	0.87	0.96	<0.1	NA	1.048128342	NA	0	NA	No
<i>STK38</i>	3	3.54	5.34	5.41	1.135	1.011111336	0	0	No
<i>SRSF3</i>	39.89	41.54	22.91	23.83	1.040352164	1.038527594	0	-0.0110711	No
<i>SOD2</i>	0.49	0.91	0.77	0.99	1.281879195	1.123611969	0.447736	0	No
<i>MRPL18</i>	0.32	0.61	<0.1	NA	1.21969697	NA	0.365723	NA	No
<i>MCM3</i>	1.02	0.88	1.17	1.14	0.930693069	0.985776725	0	-0.0006538	No
<i>RNF8</i>	37.47	65.43	47.40	49.99	1.726800104	1.053436982	0.734535	-0.0017003	No
<i>MDGA1</i>	11.22	7.03	90.42	89.94	0.657119476	0.994709101	-0.50847	-0.0994615	No
<i>CILK1</i>	21.69	22.56	<0.1	NA	1.038342882	NA	0	NA	No
<i>FBXO9</i>	18.24	15.55	1.68	2.47	0.86018711	1.294835891	-0.125259	0.0992515	No
<i>CD83</i>	58.22	37.14	1.83	1.94	0.644039176	1.038441807	-0.565595	0	No
<i>MDN1</i>	0.55	0.68	1.21	1.72	1.083870968	1.230568597	0	0	No
<i>SAYSD1</i>	4.5	4.01	1.31	1.60	0.910909091	1.124797358	0	0	No
<i>RBM24</i>	7.45	10.31	24.87	25.44	1.338461538	1.022135676	0.371795	-0.0170494	No
<i>CAP2</i>	0.18	0.41	<0.1	NA	1.194915254	NA	0	NA	No
<i>ZNF451</i>	0.87	1.46	0.20	0.30	1.315508021	1.08306488	0.248244	0	No
<i>BAG2</i>	4.05	3.49	4.44	6.67	0.889108911	1.409210091	0	0.199268	No
<i>RAB23</i>	1.83	3.85	2.23	2.40	1.713780919	1.051184186	0.543216	0	No
<i>FBXL4</i>	0.42	1.7	1.73	2.22	1.901408451	1.179736326	0.666917	0	No
<i>CCNC</i>	15.61	11.44	49.86	49.91	0.748946418	1.000899766	-0.332567	-0.0750207	No
<i>E2F3</i>	4.14	2.37	5.73	6.27	0.655642023	1.079676776	-0.598544	0	No
<i>SIM1</i>	7.36	7.63	70.69	75.13	1.032296651	1.06187662	0	0	No
<i>ASCC3</i>	0.23	0.29	7.20	7.21	1.048780488	1.000696915	0	0	No
<i>BVES</i>	0.13	0.12	<0.1	NA	0.991150442	NA	0	NA	No
<i>MED23</i>	24.54	12.73	12.35	11.36	0.537588097	0.92575136	-0.767409	-0.0438598	No
<i>WASF1</i>	15.99	20.32	21.71	23.24	1.254855798	1.06741622	0.259993	0	No
<i>GPLD1</i>	9.47	12.23	10.58	13.79	1.263610315	1.276925605	0.185083	0.0602057	No

<i>ALDH5A1</i>	2.87	2.59	11.24	7.06	0.927648579	0.658367158	0	-0.701085	No
<i>CRYBG1</i>	18.92	26.03	16.19	21.59	1.356927711	1.314166791	0.305917	0.169189	No
<i>VNN1</i>	0.9	0.84	<0.1	NA	0.968421053	NA	0	NA	No
<i>VNN2</i>	4.31	2.71	1.73	1.77	0.698681733	1.01487464	-0.411439	0	No
<i>ACOT13</i>	1.47	1.84	0.89	1.01	1.149797571	1.065027095	0.0652316	0	No
<i>SMAP1</i>	4.63	5.84	2.64	2.35	1.214920071	0.919425907	0.083799	0	No
<i>RPS12</i>	10.57	8.74	<0.1	NA	0.841832325	NA	-0.18962	NA	No
<i>C6orf62</i>	2.57	2.49	3.37	4.05	0.977591036	1.155476149	0	0	No
<i>GMNN</i>	0.16	0.15	<0.1	NA	0.99137931	NA	0	NA	No
<i>NR2E1</i>	2.14	2.43	15.88	19.67	1.092356688	1.224451296	0	0.0177038	No
<i>SNX3</i>	10.16	10.89	13.45	16.07	1.065412186	1.181073116	0	0	No
<i>HBS1L</i>	706.16	631.69	399.09	399.90	0.894691442	1.002030205	-0.118865	-0.0370699	No
<i>TRIM38</i>	628.41	514.34	762.46	664.00	0.818766782	0.871040978	-0.252761	-0.27426	No
<i>PEX7</i>	35.1	35.65	61.17	63.16	1.015235457	1.032031943	0	-0.0217486	No
<i>ZBTB24</i>	9.98	13.34	30.02	33.81	1.306010929	1.122169436	0.208568	-0.0448985	No
<i>FIG4</i>	1.21	1.33	5.57	5.31	1.054298643	0.961186453	0	-0.068939	No
<i>PERP</i>	0.21	0.1	<0.1	NA	0.909090909	NA	-0.113335	NA	No
<i>ARFGEF3</i>	2.93	3.21	6.87	8.03	1.071246819	1.147933648	0	0	No
<i>HECA</i>	28.72	35.68	107.22	107.63	1.234185734	1.003822977	0.24827	-0.13782	No
<i>ADGRG6</i>	20.32	30.07	14.27	14.25	1.457317073	0.998804866	0.472312	-0.0118797	No
<i>PHACTR2</i>	10.75	13.93	76.13	84.16	1.270638298	1.104128582	0.156003	0	No
<i>EPM2A</i>	12.67	10.4	36.05	37.47	0.833942941	1.038410235	-0.123022	0	No
<i>SLC39A7</i>	5.26	4.39	1.41	1.83	0.861022364	1.17461331	-0.018818	0	No
<i>PHF1</i>	0.16	0.8	<0.1	NA	1.551724138	NA	0.806797	NA	No
<i>CUTA</i>	24.45	30.85	25.56	25.71	1.251473477	1.005797536	0.180125	-0.096283	No
<i>QKI</i>	6.18	5.89	66.58	59.81	0.959610028	0.899827157	0	-0.225533	No
<i>MDF1</i>	2.59	1.79	3.77	5.37	0.777158774	1.334992154	-0.123116	0	No
<i>TFEB</i>	0.88	1.3	8.80	11.05	1.223404255	1.229613013	0.294498	0	No
<i>SMOC2</i>	2.8	3.8	4.29	3.95	1.263157895	0.934895737	0.208127	-0.118513	No
<i>CCND3</i>	19.55	18.24	91.40	79.85	0.936253041	0.87495326	0	-0.292317	No
<i>BYSL</i>	13.34	14.05	3.67	3.49	1.049511855	0.961534393	0	0	No
<i>FAM120B</i>	6.75	5.91	11.73	13.02	0.891612903	1.101547346	0	0	No
<i>TBP</i>	32.83	49.66	0.27	0.13	1.497487437	0.887883494	0.498975	0	No
<i>GUCA1B</i>	41.63	29.8	49.78	50.38	0.722495895	1.011722527	-0.339808	-0.0207084	No
<i>BICRAL</i>	2.52	3.59	3.31	3.11	1.303977273	0.953232813	0.282104	-0.0360856	No
<i>PPP2R5D</i>	12.57	12.35	133.90	130.06	0.983787767	0.971528561	0	-0.114849	No
<i>MRPL2</i>	15.47	16.14	22.09	20.46	1.040680024	0.929521795	0	-0.023278	No
<i>PTK7</i>	7.11	7.55	65.50	64.07	1.054254007	0.97844646	0	-0.0546068	No

<i>SRF</i>	1.26	2.27	9.87	10.34	1.446902655	1.043186244	0.349377	0	No
<i>CUL9</i>	1.45	1.54	3.58	3.12	1.036734694	0.899842026	0	-0.137516	No
<i>DNPH1</i>	1.83	2.03	5.16	5.41	1.070671378	1.040704994	0	0	No
<i>DUSP22</i>	4.4	5.07	6.15	5.21	1.124074074	0.86892968	0	-0.2105	No
<i>EXOC2</i>	2.39	1.81	1.97	2.25	0.828908555	1.094196823	-0.19382	0	No
<i>COX7A2</i>	10.65	13.73	34.28	36.23	1.264377682	1.055400212	0.217756	0	No
<i>TMEM30A</i>	0.81	0.9	2.68	2.64	1.049723757	0.988058761	0	0	No
<i>GMDS</i>	1.36	1.09	2.16	2.31	0.88559322	1.047240264	0	0	No
<i>SENP6</i>	4.53	8.2	1.79	2.46	1.663652803	1.239402384	0.64827	0.0769864	No
<i>VEGFA</i>	4.2	5.19	9.80	11.47	1.190384615	1.154777587	0.00363169	0	No
<i>PRPF4B</i>	1.36	1.72	<0.1	NA	1.152542373	NA	0	NA	No
<i>TTK</i>	68.88	55.21	0.89	0.86	0.804378935	0.982071113	-0.220161	0	No
<i>SLC29A1</i>	0.81	8.87	<0.1	NA	5.453038674	NA	2.81173	NA	No
<i>CCN6</i>	8.82	10.01	<0.1	NA	1.121181263	NA	0	NA	No
<i>BTN2A1</i>	1.9	2.33	2.21	2.48	1.148275862	1.082943797	0.0268046	0	No
<i>LAMA4</i>	17.31	14.6	60.10	60.39	0.851993446	1.004751062	-0.0972704	-0.0308213	No
<i>TENT5A</i>	1.3	0.79	10.52	12.14	0.77826087	1.140544525	0	0	No
<i>FBRSL1</i>	0.86	0.86	<0.1	NA	1	NA	0	NA	No
<i>ENPP5</i>	1.73	1.66	93.24	90.18	0.974358974	0.967501693	0	-0.0529117	No
<i>PRSS16</i>	6.38	9.51	27.95	32.92	1.424119241	1.171527299	0.358617	0	No
<i>ERBIN</i>	4.72	4.53	9.50	10.47	0.966783217	1.092474504	0	0	No
<i>PCDHB2</i>	23.96	14.81	13.08	14.98	0.633413462	1.135234149	-0.504216	0	No
<i>HARS2</i>	7.74	11.46	4.71	5.20	1.425629291	1.085374677	0.433862	0	No
<i>NUDT12</i>	26.45	32.96	21.29	21.26	1.23715847	0.998844505	0.227747	-0.0123	No
<i>CEP72</i>	7.67	7.75	3.57	3.72	1.00922722	1.0329314	0	0	No
<i>MAN2A1</i>	33.77	36.46	18.80	20.92	1.077365545	1.106977262	0.0116874	0	No
<i>SEMA5A</i>	1.31	2.03	5.99	6.17	1.311688312	1.025517558	0.417383	0	No
<i>TENT4A</i>	49.45	29.12	145.27	133.03	0.597026759	0.916321812	-0.669832	-0.206274	No
<i>HMGCS1</i>	17.28	23.77	38.93	38.34	1.355032823	0.985161009	0.323934	-0.0632386	No
<i>DAP</i>	42.23	45.49	32.38	36.00	1.075410594	1.108518919	0.0213549	0	No
<i>BRD8</i>	7.22	9.58	15.53	14.12	1.287104623	0.914414443	0.257332	-0.179327	No
<i>KIF20A</i>	8.77	13.48	5.30	5.26	1.482088025	0.993584238	0.49638	0	No
<i>NNT</i>	140.49	156.33	162.16	155.99	1.111951375	0.962206568	0.103618	-0.145694	No
<i>MRPS30</i>	11.01	12.73	45.95	43.24	1.143213988	0.942321039	0.0887458	-0.172965	No
<i>HSPA9</i>	0.45	0.3	<0.1	NA	0.896551724	NA	0	NA	No
<i>MRPS27</i>	4.24	12.49	11.36	13.29	2.574427481	1.15614834	1.28414	0	No
<i>PFDN1</i>	0.59	0.65	1.81	2.74	1.037735849	1.332223329	0	0.267408	No
<i>HBEGF</i>	0.2	0.22	0.60	0.64	1.016666667	1.024084257	0	0	No

LOX	0.95	0.99	1.15	1.05	1.020512821	0.953947563	0	0	No
APBB3	26.24	32.76	11.87	12.18	1.239353891	1.023854479	0.228168	0	No
TMCO6	4.68	4.5	6.06	6.11	0.968309859	1.006549007	0	0	No
SPARC	12.83	13.23	7.99	9.10	1.028922632	1.123377035	0	0	No
IK	1.18	1.49	3.44	3.46	1.142201835	1.004032894	0	0	No
HMGCR	19.29	19.53	31.76	27.62	1.011828487	0.873693141	0	-0.254186	No
CERT1	9.94	13.84	5.24	5.27	1.356489945	1.004194417	0.343294	0	No
FAF2	124.56	103.62	137.85	135.72	0.833227142	0.984690776	-0.171825	-0.0328131	No
HAND1	0.35	0.54	<0.1	NA	1.140740741	NA	0	NA	No
CLK4	0.8	1.51	11.25	10.80	1.394444444	0.963439879	0.541158	-0.0683795	No
RNF130	0.6	1.14	<0.1	NA	1.3375	NA	0.407274	NA	No
THG1L	21.87	27.31	13.01	17.14	1.2378662	1.294974711	0.206048	0.0244879	No
ARSB	2.22	5.58	6.96	8.42	2.043478261	1.183460413	1.02852	0.00317385	No
CLINT1	1.56	2.98	15.10	14.44	1.5546875	0.959078767	0.697007	-0.064508	No
THBS4	0.85	1.6	54.84	60.76	1.405405405	1.10604696	0.595009	0	No
CNOT6	9.65	14.68	13.61	16.39	1.472300469	1.190477841	0.406384	0	No
TTC1	5.03	7.1	2.56	2.52	1.343283582	0.988463742	0.268259	0	No
MSH3	15.22	12.4	12.05	13.61	0.826140567	1.119816267	-0.0571704	0	No
CCNG1	9.74	14.1	15.90	16.78	1.405959032	1.052026146	0.371257	-0.0024181	No
POLR3G	2.95	4.11	6.64	7.02	1.293670886	1.04935964	0.278617	0	No
DROSHA	1.34	1.47	7.74	7.55	1.055555556	0.978383686	0	-0.0070798	No
LMNB1	1.18	1.26	65.36	63.47	1.036697248	0.971519842	0	-0.1325	No
ARRDC3	2.05	3.22	1.74	1.81	1.383606557	1.024491989	0.454719	0	No
GOLPH3	1.53	1.73	<0.1	NA	1.079051383	NA	0	NA	No
SUB1	7.77	17.85	10.53	11.33	2.149372862	1.069132907	1.05742	0	No
NPR3	21.79	14.43	7.81	8.90	0.677051338	1.123593653	-0.450694	0	No
FAM172A	14.25	17.23	34.36	35.69	1.195409836	1.037494195	0.165557	0	No
TARS1	36.1	37.56	13.72	15.92	1.0393531	1.149260852	0	0	No
IRX4	12.06	11.67	11.98	11.88	0.970137825	0.99261196	0	0	No
LNPEP	0.22	0.13	<0.1	NA	0.926229508	NA	0	NA	No
RAD1	249.67	217.35	180.84	180.02	0.871065544	0.995508629	-0.134882	-0.0416379	No
BRX1	11.25	13.6	48.78	45.81	1.191836735	0.940414824	0.15625	-0.218058	No
SLC12A7	12.12	17.56	34.98	31.94	1.414634146	0.915431985	0.426147	-0.208867	No
RAD50	53.18	30.49	73.21	76.06	0.581210779	1.038425208	-0.696011	0	No
ST8SIA4	4.31	5.92	5.89	7.39	1.303201507	1.217815383	0.31822	0.103773	No
GNPDA1	9.55	8.55	<0.1	NA	0.90521327	NA	0	NA	No
PCDH12	19.67	12.9	60.32	52.79	0.672472182	0.87717975	-0.526357	-0.295752	No
SKP1	8.61	9.28	3.91	3.51	1.069719043	0.917981886	0	-0.093062	No

<i>NUP155</i>	27.11	19.89	25.08	23.62	0.743151903	0.944081598	-0.338048	-0.145164	No
<i>PPP2CA</i>	4.15	6.13	7.25	7.11	1.384466019	0.983607473	0.289759	-0.0359985	No
<i>FGF1</i>	10.08	10.63	39.90	41.49	1.049638989	1.038818798	0	-0.0205479	No
<i>NR3C1</i>	24.92	24.71	16.50	15.21	0.991898148	0.926290934	0	-0.202053	No
<i>C5orf15</i>	62.67	43.04	47.96	45.47	0.691691534	0.949205084	-0.464225	-0.16282	No
<i>PPWD1</i>	66.37	53.9	29.22	26.96	0.814902776	0.925093534	-0.205007	-0.162132	No
<i>LIFR</i>	0.76	0.9	2.89	3.54	1.079545455	1.16749559	0	0	No
<i>TRIM23</i>	13.81	21.13	0.22	0.13	1.494260635	0.928360762	0.468704	0	No
<i>TRAPPC13</i>	5.75	10.29	38.39	35.53	1.672592593	0.927409946	0.665565	-0.183689	No
<i>SEC24A</i>	10.23	12.57	13.16	15.46	1.208370436	1.162319895	0.12013	0	No
<i>TXNDC15</i>	1.09	1.08	57.65	56.68	0.995215311	0.983417805	0	-0.10352	No
<i>TTC33</i>	0.89	1.59	1.11	1.06	1.37037037	0.975099592	0.475072	0	No
<i>RARS1</i>	0.64	1.42	3.10	3.32	1.475609756	1.052739967	0.692963	0	No
<i>WWC1</i>	7.4	5.58	28.36	29.34	0.783333333	1.033431136	-0.173318	0	No
<i>MACROH2A1</i>	22.21	28.94	106.36	107.96	1.289961224	1.014878988	0.300024	-0.0916854	No
<i>TCERG1</i>	9.48	9.95	15.84	16.04	1.044847328	1.011846534	0	0	No
<i>SMAD5</i>	3.43	3.84	6.88	8.04	1.09255079	1.147768842	0	0	No
<i>CSNK1A1</i>	7.27	7.8	2.12	2.49	1.064087062	1.119404577	0	0	No
<i>HMGXB3</i>	12.33	14.2	17.86	19.12	1.140285071	1.066952912	0.0433724	0	No
<i>ERGIC1</i>	2.27	2.81	<0.1	NA	1.165137615	NA	0.168189	NA	No
<i>ATP6V0E1</i>	0.17	0.87	7.84	7.83	1.598290598	0.998796875	1.38546	0	No
<i>BNIP1</i>	5.67	8.16	1.87	3.05	1.373313343	1.411206913	0.365165	0.354699	No
<i>STC2</i>	0.79	0.71	4.21	3.98	0.955307263	0.954919032	0	-0.0618536	No
<i>CPEB4</i>	21.84	29.5	<0.1	NA	1.335376532	NA	0.337545	NA	No
<i>DBN1</i>	30.95	29.11	0.26	0.25	0.942410016	0.993871007	-0.0090648	0	No
<i>ZNF346</i>	5.07	4.74	23.59	21.63	0.945634267	0.920285895	0	-0.157385	No
<i>UNC5A</i>	1.99	2.48	1.35	1.36	1.163879599	1.00448271	0.0645827	0	No
<i>EHHADH</i>	0.97	1.69	0.38	0.61	1.365482234	1.165104985	0.22894	0	No
<i>SMC4</i>	16.23	13.19	20.34	18.56	0.823563552	0.916776861	-0.16952	-0.124753	No
<i>SELENOK</i>	0.12	0.43	1.47	2.13	1.276785714	1.265665296	0	0.00067276	No
<i>ACTR8</i>	3.5	6.17	<0.1	NA	1.593333333	NA	0.562525	NA	No
<i>TBCCD1</i>	5.64	10.11	85.07	81.72	1.673192771	0.961122258	0.681666	-0.11479	No
<i>TIMMDC1</i>	3.83	2.77	54.75	51.66	0.780538302	0.944561138	-0.185982	-0.115078	No
<i>CRBN</i>	4.27	2.65	6.95	6.38	0.69259962	0.927779002	-0.391286	-0.116481	No
<i>BCL6</i>	7.59	6.8	12.55	12.33	0.908032596	0.983782546	0	0	No
<i>CLDN16</i>	39.81	25.38	51.23	48.97	0.646410194	0.956740832	-0.445337	-0.0230838	No
<i>ARL6</i>	7.1	8.32	8.37	10.09	1.150617284	1.183507635	0.0708746	0.0265094	No
<i>NPHP3</i>	14.99	10.69	23.93	25.59	0.731081926	1.06654211	-0.368605	0	No

AMOTL2	8.3	10.55	3.52	3.49	1.241935484	0.992493936	0.238169	0	No
NIT2	0.34	0.41	0.79	0.98	1.052238806	1.105621968	0	0	No
FAM162A	9.17	7.06	22.68	20.19	0.79252704	0.894682523	-0.136417	-0.144137	No
OGG1	22.87	16.44	86.52	76.54	0.730624214	0.885976703	-0.259199	-0.251054	No
KPNA1	2.18	2.57	5.58	6.43	1.122641509	1.128800696	0	0	No
PCCB	0.61	1.06	1.00	1.18	1.279503106	1.089245618	0.442234	0	No
UBE3A	9.36	9.08	5.33	5.36	0.972972973	1.005378665	0	0	No
ARMC8	15.64	8.03	1.13	1.75	0.542668269	1.291803512	-0.794571	0	No
CEP70	5.7	6.31	18.33	18.61	1.091044776	1.014336959	0.0162369	-0.058458	No
RBP1	11.46	14.4	33.66	35.04	1.235955056	1.03968404	0.205861	0	No
SLC25A36	4.26	6.5	5.27	5.88	1.425855513	1.096498409	0.43678	0	No
RNF7	18.06	24.05	19.88	23.62	1.314270724	1.179299385	0.299296	0	No
TFDP2	2.44	3.05	4.02	4.41	1.177325581	1.077580817	0.0890679	0	No
XRN1	29.63	56.66	3.78	4.16	1.882468168	1.080085082	0.856175	0	No
KAT2B	2.87	7.39	2.23	3.64	2.167958656	1.435781048	1.20472	0.417447	No
PDCD10	9.4	13.38	15.85	16.40	1.382692308	1.032810359	0.384862	0	No
WNT5A	2.51	2.36	<0.1	NA	0.957264957	NA	0	NA	No
PFKFB4	0.47	0.27	6.61	6.26	0.863945578	0.954353312	0	-0.0257841	No
COL7A1	26.22	29.84	43.12	43.85	1.132990448	1.01648165	0.0955991	0	No
FGF12	3.94	7.16	<0.1	NA	1.651821862	NA	0.716701	NA	No
PRKAR2A	4.68	4.85	38.73	40.06	1.029929577	1.033549068	0	0	No
HES1	6.45	8.49	22.84	24.60	1.273825503	1.073874225	0.226676	0	No
USP4	1.88	2.52	11.45	12.96	1.222222222	1.121012582	0.0687656	0	No
ACAP2	2.8	3.26	11.16	13.41	1.121052632	1.185100433	0	0.0358014	No
ECT2	8.95	7.65	6.40	6.46	0.869346734	1.008552573	-0.0855215	0	No
GNAI2	10.89	10.22	8.53	10.61	0.943650126	1.218574554	0	0	No
TFG	14.14	15.39	12.35	11.63	1.082562748	0.946091085	0.00589546	-0.0766615	No
HYAL1	336.42	232.48	230.79	192.86	0.691956612	0.83636044	-0.493611	-0.340706	No
TUSC2	181.72	103.96	213.99	225.39	0.574430823	1.053043316	-0.767793	-0.0566786	No
NPRL2	4.8	6.07	21.93	22.96	1.218965517	1.044949263	0.194635	0	No
RPL24	0.5	0.4	0.17	0.17	0.933333333	0.99823785	0	0	No
CYB561D2	29.68	41.34	113.63	124.85	1.380052151	1.097915225	0.36394	0	No
C3orf14	0.41	0.89	2.66	3.70	1.340425532	1.28357597	0.466834	0.291465	No
FXR1	4.22	5.41	13.99	15.35	1.227969349	1.090754771	0.237313	0	No
CBLB	0.62	0.8	2.42	2.03	1.111111111	0.885062832	0	-0.269676	No
BBX	19.79	31.27	<0.1	NA	1.552188552	NA	0.529743	NA	No
IFT57	9.2	11.93	13.91	17.23	1.267647059	1.222977141	0.27232	0.118686	No
GNB4	22.31	24.15	34.17	31.48	1.078936079	0.923472069	0.0182857	-0.196208	No

<i>IQCG</i>	663.55	476.71	1168.40	1147.98	0.71884734	0.982536281	-0.442026	-0.112134	No
<i>GBE1</i>	1.88	4.43	1.74	1.49	1.885416667	0.908809791	1.03139	-0.230293	No
<i>UMPS</i>	0.4	1.81	0.40	0.47	2.007142857	1.051650743	1.56315	0	No
<i>NCBP2</i>	11.94	17.19	43.54	44.39	1.405718702	1.019048889	0.415076	-0.0510619	No
<i>SNX4</i>	15.89	22.3	23.51	27.94	1.379514506	1.180669967	0.387692	0.0377781	No
<i>C3orf52</i>	4.37	3.25	1.20	1.50	0.791433892	1.136654032	-0.191087	0.0245108	No
<i>FRMD4B</i>	0.8	1.47	<0.1	NA	1.372222222	NA	0.4669	NA	No
<i>SLC41A3</i>	0.35	0.54	1.60	1.55	1.140740741	0.98067736	0	0	No
<i>ROPN1B</i>	3	4.21	1.70	2.17	1.3025	1.173659865	0.206369	0	No
<i>PLXNA1</i>	3	3.49	31.34	34.53	1.1225	1.098533126	0	0	No
<i>ATP6V1A</i>	0.15	0.3	<0.1	NA	1.130434783	NA	0.230855	NA	No
<i>ABTB1</i>	9.29	7.64	7.11	8.27	0.839650146	1.14266414	-0.144267	0	No
<i>PODXL2</i>	8.39	13.39	2.81	3.35	1.532481363	1.140821789	0.529633	0	No
<i>CSPG5</i>	6.82	8.47	6.87	7.04	1.210997442	1.02101774	0.149612	0	No
<i>KLHL18</i>	2.34	3.73	1.92	2.25	1.416167665	1.111692071	0.319636	0	No
<i>SCAP</i>	39.91	54.5	89.43	99.91	1.356636519	1.115917602	0.391028	0	No
<i>NEK11</i>	4.14	3.89	10.21	11.21	0.951361868	1.088968583	0	0	No
<i>MRPL3</i>	8.6	7.36	6.93	8.27	0.870833333	1.168719217	-0.0554506	0	No
<i>HEMK1</i>	2.97	4.88	6.34	6.43	1.481108312	1.01245596	0.508867	0	No
<i>CISH</i>	30.13	23.14	1.09	1.00	0.775457758	0.957547762	-0.277863	-0.0025723	No
<i>MAPKAPK3</i>	0.32	0	<0.1	NA	0.757575758	NA	0	NA	No
<i>ACVR2B</i>	8.59	7.11	44.51	55.22	0.845672576	1.235398947	-0.114425	0.0969736	No
<i>WDR48</i>	51.16	43.07	39.61	43.28	0.844900307	1.090367334	-0.156506	0	No
<i>COMMD2</i>	5.7	6.16	7.42	7.09	1.068656716	0.960248803	0	-0.0954032	No
<i>GORASP1</i>	6.56	3.73	4.46	3.49	0.625661376	0.822258263	-0.610178	0	No
<i>RRP9</i>	13.36	12.49	77.73	77.02	0.939415042	0.99097715	0	-0.0816167	No
<i>ABCC5</i>	1.62	2.59	3.74	3.70	1.370229008	0.991465808	0.41722	0	No
<i>ABHD14B</i>	6.84	5.65	28.25	28.27	0.848214286	1.000829817	-0.0955903	-0.0912861	No
<i>EIF1B</i>	4.7	5.66	5.89	7.03	1.168421053	1.165612428	0.13448	0.00991299	No
<i>KLHL24</i>	4.25	8.16	7.45	7.44	1.744761905	0.99863711	0.654847	0	No
<i>VIPR1</i>	1.18	1.73	9.16	14.93	1.252293578	1.567816981	0.102395	0.412824	No
<i>DNAH1</i>	730.05	508.4	1906.68	1739.16	0.696805964	0.912185953	-0.48658	-0.275869	No
<i>SSR3</i>	36.32	36.37	74.70	71.32	1.001339764	0.955387561	0	-0.154118	No
<i>ZBTB47</i>	30.12	27.73	84.80	83.18	0.923200514	0.981119514	0	-0.0796298	No
<i>TNNC1</i>	0.58	15.95	0.38	0.29	10.7278481	0.935825572	4.01821	0	No
<i>NKTR</i>	9.77	11.5	18.31	15.73	1.160631383	0.866421504	0.125744	-0.297262	No
<i>CLCN2</i>	5.14	7.05	27.55	29.04	1.311074919	1.052271507	0.273655	0	No
<i>EIF4G1</i>	55.47	52.37	200.99	183.06	0.945103595	0.911255854	0	-0.237998	No

SPCS1	4.65	3.72	22.15	25.07	0.83539823	1.12620261	-0.0813454	0	No
NEK4	13.48	8.52	12.85	14.29	0.657458564	1.103757989	-0.565086	0	No
SLC4A3	5.99	6.32	10.65	10.57	1.0472103	0.993471915	0	-0.121498	No
INO80D	26.07	52.74	18.66	23.02	1.985223495	1.221981033	0.927647	0.0565636	No
EEF1B2	3.58	4	7.33	7.31	1.091703057	0.997986251	0	0	No
DGUOK	6.08	6.14	20.39	17.66	1.008474576	0.872288162	0	-0.248353	No
MOB1A	11.81	13.83	25.45	29.07	1.157689305	1.136752425	0.0928713	0	No
KANSL3	7.07	8.52	7.79	7.41	1.179677819	0.956923557	0.0895909	-0.0767876	No
LMAN2L	20.31	25.49	0.35	0.45	1.243078367	1.073094398	0.21077	0	No
RTKN	43.36	41.47	54.75	52.70	0.957394049	0.963299448	0	-0.136457	No
TTL	81.59	47.5	71.92	65.12	0.587238164	0.906796099	-0.710417	-0.200027	No
IL1A	3.33	2.79	2.21	2.49	0.875288684	1.088457474	-0.0385296	0	No
CCL20	7.26	12.76	37.07	39.70	1.665859564	1.069028801	0.67242	0	No
PIKFYVE	46.16	51.1	99.63	115.81	1.104749788	1.160771049	0.0929601	0.0270857	No
KCNIP3	2.71	3.3	1.95	2.20	1.15902965	1.084205031	0.0200843	0	No
FAHD2A	6.21	9.81	9.59	10.20	1.499306519	1.057481642	0.515989	0	No
NCL	195.36	257.01	0.93	7.86	1.313964147	4.58961201	0.355886	2.54742	No
ACTR1B	1.7	2.75	1.61	1.84	1.388888889	1.088001807	0.242104	0	No
SLC35F5	0.27	0.58	<0.1	NA	1.244094488	NA	0	NA	No
ACTR3	24.9	25.32	38.94	46.52	1.016216216	1.189772112	0	0.00203249	No
STEAP3	67.68	67.06	120.62	119.77	0.990972627	0.993004557	0	-0.0765508	No
EPB41L5	18.05	12.35	21.60	19.66	0.700787402	0.914279811	-0.380112	-0.188016	No
TFCP2L1	2.02	1.23	<0.1	NA	0.738410596	NA	0	NA	No
SF3B6	0.44	3.56	21.89	18.91	3.166666667	0.869728014	2.15385	-0.0784321	No
TP53I3	16.38	14.96	37.92	35.65	0.918296893	0.941713474	0	-0.0420946	No
DNAJC27	0.81	1.25	2.10	3.65	1.243093923	1.499352488	0.184841	0.441603	No
STAM2	3.81	2.43	3.22	3.99	0.713097713	1.181684554	-0.408335	0	No
GPD2	0.62	0.9	4.32	5.34	1.172839506	1.192047121	0	0	No
CENPA	48.95	50.14	75.30	68.66	1.023823824	0.912958774	0	-0.248124	No
ACVR1	3.24	8.86	0.50	2.08	2.325471698	2.051767907	1.28316	1.48645	No
TANC1	11.77	10.22	49.29	56.02	0.87862177	1.133913264	-0.0131974	0	No
SLC30A3	108.08	105.03	64.01	60.46	0.972038871	0.945406669	0	-0.168769	No
MPV17	73.16	70.24	100.75	99.54	0.960625674	0.988070617	0	-0.116602	No
GTF3C2	0.2	1.85	<0.1	NA	2.375	NA	2.37746	NA	No
EIF2B4	0.91	1.81	6.58	7.79	1.471204188	1.15967387	0.391011	0	No
NRBP1	9.75	9.86	23.05	23.79	1.010232558	1.030574614	0	-0.0103845	No
ITGB6	22.28	24.65	<0.1	NA	1.101804124	NA	0.0725861	NA	No
FNDC4	6.66	8.35	45.46	55.46	1.220626632	1.215180987	0.18557	0.0798146	No

<i>PSMD14</i>	3.19	4.85	2.85	3.11	1.396181384	1.067413717	0.377165	0	No
<i>SNX17</i>	9.84	11.1	3.94	4.08	1.116236162	1.028400976	0.0466626	0	No
<i>ASB3</i>	18.53	22.76	24.61	24.50	1.216589862	0.995878349	0.188222	-0.0560688	No
<i>PPM1G</i>	14.75	20.23	50.62	50.91	1.347936508	1.005597549	0.37193	-0.0336438	No
<i>REEP6</i>	0.54	1.75	0.22	0.30	1.785714286	1.062229156	1.10416	0	No
<i>PCSK4</i>	55.13	49.83	45.36	45.03	0.905576341	0.99293877	-0.0877792	-0.0621206	No
<i>APC2</i>	1.28	0.51	<0.1	NA	0.662280702	NA	-0.609642	NA	No
<i>IFIH1</i>	129.84	138.65	270.44	262.41	1.067334149	0.970435251	0.0454275	-0.134234	No
<i>RPS15</i>	4.98	4.84	<0.1	NA	0.976588629	NA	0	NA	No
<i>GCA</i>	6.45	8.13	4.70	5.46	1.225503356	1.132748811	0.105728	0	No
<i>INO80B</i>	1.58	2.67	16.89	15.32	1.42248062	0.912127393	0.107637	-0.147094	No
<i>MOGS</i>	3.9	2.96	19.25	19.84	0.808163265	1.029338659	-0.149582	-0.140898	No
<i>TTC31</i>	3.95	3.77	17.90	15.89	0.963636364	0.893810514	0	-0.0928045	No
<i>NDUFS7</i>	4.76	8.83	36.00	39.98	1.706597222	1.107533519	0.740667	0	No
<i>PCGF1</i>	103.54	102.55	60.08	52.42	0.990529941	0.8746723	0	-0.23482	No
<i>CLIP4</i>	0.17	0.37	0.26	0.17	1.170940171	0.927420779	0.259002	0	No
<i>SPTBN1</i>	11.36	12.64	22.47	25.06	1.103559871	1.110386516	0	0	No
<i>AUP1</i>	9.77	7.46	18.85	16.38	0.78551532	0.87572591	-0.220224	-0.278519	No
<i>RTN4</i>	29.29	41.19	7.30	8.04	1.392868934	1.089428353	0.396755	0	No
<i>HTRA2</i>	11.38	10.33	11.48	13.42	0.915185784	1.155231558	0	0	No
<i>LOXL3</i>	11.28	20.66	13.99	14.80	1.763843648	1.05416381	0.70527	0	No
<i>DOK1</i>	26	56.19	3.43	3.76	2.118148148	1.074299352	1.01389	0	No
<i>GALNT3</i>	0.5	0.63	1.66	3.86	1.086666667	1.825323778	0	0.699504	No
<i>POLE4</i>	6.62	6.98	37.46	37.11	1.047244094	0.990856974	0	-0.0546326	No
<i>CCDC88A</i>	30.52	15.97	63.02	35.81	0.538388325	0.575037201	-0.786517	-0.857002	No
<i>EVA1A</i>	13.33	16.56	46.71	47.66	1.225401256	1.019822346	0.224636	-0.056625	No
<i>MRPL19</i>	16.06	26.85	<0.1	NA	1.632473623	NA	0.607476	NA	No
<i>LANCL1</i>	6.2	5.07	21.41	23.38	0.843055556	1.087854101	-0.15737	0	No
<i>WDR75</i>	7.43	8.94	6.16	7.31	1.179122183	1.16098604	0.134976	0	No
<i>EFEMP1</i>	7.97	7.07	10.27	9.43	0.899665552	0.925502655	-0.013002	-0.144703	No
<i>FANCL</i>	15.16	16.38	37.79	39.07	1.07549505	1.03311159	0	0	No
<i>FN1</i>	0.53	1	<0.1	NA	1.307189542	NA	0.16338	NA	No
<i>STAT1</i>	2.42	2.54	4.67	5.25	1.035087719	1.101897143	0	0	No
<i>GLS</i>	0.81	1.1	1.71	1.92	1.160220994	1.077869538	0.0657993	0	No
<i>PAPOLG</i>	8.15	17.93	10.55	11.64	2.068852459	1.094133926	0.843272	0	No
<i>PECR</i>	15.35	32.64	<0.1	NA	2.057492355	NA	0.845827	NA	No
<i>UNC50</i>	6.02	6.23	5.45	6.10	1.02991453	1.100636052	0	0	No
<i>IGFBP2</i>	2.13	1.45	8.29	9.01	0.782747604	1.077069511	-0.312472	0	No

ELMOD3	30.87	34.5	46.76	51.36	1.11390022	1.09626662	0.0996574	0	No
IGFBP5	4.88	7.82	10.40	13.28	1.5	1.252501805	0.525734	0.039714	No
USP34	21.03	18.32	32.59	35.22	0.876985928	1.078265634	-0.0563314	0	No
CCT4	4.07	5.56	0.79	1.29	1.293885602	1.278934157	0.241949	0.171929	No
GGCX	15.33	13.37	17.69	20.48	0.879975505	1.149427917	-0.0146568	0	No
EHBP1	3.46	2.89	6.77	6.84	0.872197309	1.008669892	-0.0954291	0	No
OTX1	1.57	2.3	0.92	1.13	1.284046693	1.110528128	0.292148	0.00706683	No
TXNDC9	8.65	7.69	7.98	8.65	0.900518135	1.074142193	0	0	No
COQ10B	0.33	0.53	4.19	5.03	1.15037594	1.161820506	0	0	No
SF3B1	107.42	64.7	333.81	349.03	0.605976757	1.045461252	-0.665269	0	No
ST3GAL5	13.24	14.55	<0.1	NA	1.091994382	NA	0	NA	No
CHST10	0.12	0.03	<0.1	NA	0.919642857	NA	0	NA	No
PDCL3	13.18	17.72	20.34	19.22	1.320169252	0.947390849	0.287018	-0.101628	No
MOB4	10.94	11.77	20.98	22.09	1.069514238	1.050460415	0	0	No
HSPE1	9.85	10.2	25.43	33.66	1.032258065	1.311514703	0	0.13688	No
KDM3A	5.22	6.14	3.73	4.65	1.147909968	1.194397569	0.0726626	0.0256857	No
PLCD4	1.03	1.87	0.33	0.68	1.413793103	1.261788703	0.316676	0	No
CHMP3	7.2	8.78	5.53	6.78	1.192682927	1.191662497	0.136159	0	No
ZNF142	18.32	21.97	61.42	68.83	1.188923395	1.118647141	0.176037	0	No
IL1R2	2.94	3.28	<0.1	NA	1.086294416	NA	0	NA	No
IL1R1	0.99	1.18	2.53	3.03	1.095477387	1.141297333	0	0	No
WNT6	1.41	1.94	1.21	1.28	1.219917012	1.032646737	0	0	No
IL1RL2	1.12	1.49	0.33	0.37	1.174528302	1.027898777	0.171847	0	No
IL1RL1	0.23	0.81	9.30	9.26	1.471544715	0.996289161	1.08776	0	No
IL18R1	1.88	2.28	4.52	5.19	1.138888889	1.122096289	0.0421627	0	No
FHL2	7.32	7.2	11.81	14.05	0.985576923	1.174501142	0	0	No
MLPH	0.22	0.03	0.54	0.38	0.844262295	0.893166901	-0.695914	0	No
CNPPD1	4.86	5.2	<0.1	NA	1.058020478	NA	0	NA	No
UXS1	5.18	4.99	0.24	0.41	0.969255663	1.141094299	0	0	No
ABCB6	1.4	1.8	2.22	2.07	1.166666667	0.95211632	0.0667019	0	No
STK16	0.43	0.24	6.54	5.45	0.867132867	0.855379785	0	-0.134323	No
HDLBP	15.88	21.72	176.69	154.99	1.345971564	0.877897812	0.307432	-0.273759	No
PPP1R7	0.3	0.19	0.57	0.43	0.915384615	0.912510529	0	-0.189979	No
PASK	0.22	0.58	16.67	15.68	1.295081967	0.943869467	0.144972	0	No
STK25	1.29	2.24	1.78	2.17	1.414847162	1.140721443	0.558808	0	No
PROC	1.92	3.79	1.49	1.17	1.640410959	0.872273682	0.678293	0	No
ID2	6	4.52	4.37	4.15	0.788571429	0.958945411	-0.121164	0	No
TAF1B	9.21	9.89	3.96	3.64	1.066601371	0.936104708	0	-0.0386132	No

<i>HPCAL1</i>	15.63	20.83	4.09	4.08	1.312687913	0.998253277	0.30019	-0.0115142	No
<i>ODC1</i>	13.99	17.77	11.22	12.86	1.252168112	1.134249705	0.21965	0	No
<i>BIRC6</i>	9.56	8.45	5.79	5.99	0.894886364	1.029216433	0	0	No
<i>NOL10</i>	0.3	1.17	<0.1	NA	1.669230769	NA	1.19973	NA	No
<i>PLEKHB2</i>	17.64	19.86	23.60	30.63	1.119098712	1.285676625	0.0188239	0.0943636	No
<i>GORASP2</i>	4.72	4.3	25.83	30.42	0.926573427	1.17089304	0	0.011434	No
<i>STRN</i>	4.41	5.44	10.72	9.41	1.19038817	0.888138224	0.0203157	-0.185133	No
<i>CEBPZ</i>	0.36	0.27	4.86	5.03	0.933823529	1.029559707	-0.0509231	0	No
<i>PRKD3</i>	11.94	17.97	23.13	25.87	1.465996909	1.113632035	0.481052	0	No
<i>DCAF17</i>	25.22	34.34	27.66	33.09	1.347826087	1.189495294	0.325882	0	No
<i>QPCT</i>	7.11	6.92	17.64	20.32	0.976572133	1.143748414	0	0	No
<i>RAB3GAP1</i>	4.87	3.63	4.78	4.83	0.788756388	1.008350782	-0.255596	-0.0103294	No
<i>SLC25A12</i>	0.32	0.52	<0.1	NA	1.151515152	NA	0.0832225	NA	No
<i>RMDN2</i>	0.33	0.13	<0.1	NA	0.84962406	NA	-0.606885	NA	No
<i>DLX2</i>	0.13	0.47	1.54	1.83	1.300884956	1.113232743	0.933145	0	No
<i>DARS1</i>	22.66	15.14	19.93	20.79	0.68216399	1.041294366	-0.428259	0	No
<i>SRSF7</i>	3.09	2.26	7.97	9.31	0.797066015	1.149696808	-0.212569	0	No
<i>SDC1</i>	0.26	0.49	3.23	3.88	1.182539683	1.154603636	0.0675868	0	No
<i>SLC1A4</i>	3.03	7.53	13.77	20.39	2.11662531	1.44789451	0.977877	0.253079	No
<i>SOS1</i>	29.13	32.08	6.33	7.83	1.097909061	1.204987776	0.0611347	0.0867932	No
<i>KYNU</i>	9.96	16.89	16.37	14.83	1.63229927	0.911182511	0.650346	-0.172467	No
<i>ORC2</i>	64.34	69.7	30.57	29.18	1.082032446	0.956117366	0.0650795	-0.142587	No
<i>COX7A2L</i>	30.01	29.19	16.16	16.27	0.973556917	1.006275	0	-0.0112409	No
<i>PNO1</i>	3.59	3.45	5.99	7.31	0.969498911	1.189226356	0	0	No
<i>ORC4</i>	9.47	7.46	55.39	49.96	0.808022923	0.903686202	-0.207882	-0.1966	No
<i>RND3</i>	4.95	6.16	<0.1	NA	1.203361345	NA	0.157017	NA	No
<i>ATF2</i>	14.43	16.3	49.49	52.15	1.121192482	1.052710351	0.0580626	-0.0136198	No
<i>THADA</i>	10.11	15.58	16.23	17.97	1.492349235	1.100886928	0.514833	0	No
<i>AAK1</i>	40.66	24.71	57.74	55.92	0.617138742	0.968961908	-0.625073	-0.132787	No
<i>TRAK2</i>	13.15	16.06	12.24	12.80	1.20565371	1.042024054	0.175991	0	No
<i>C2orf42</i>	113.94	116.64	6.65	7.91	1.023490517	1.165147963	0	0.0351041	No
<i>TIA1</i>	21.88	32.9	23.09	21.41	1.481643357	0.930458966	0.471254	-0.140916	No
<i>PCYOX1</i>	114.39	89.8	129.42	115.54	0.786896611	0.893541833	-0.285153	-0.221216	No
<i>EPAS1</i>	55.04	45.25	65.49	64.46	0.825303355	0.984493532	-0.175917	-0.104976	No
<i>ARID3A</i>	1.58	1.53	1.22	2.22	0.980620155	1.451282273	0	0.22659	No
<i>SUMO1</i>	2.78	4.8	8.20	10.29	1.534391534	1.226665933	0.61118	0.0389338	No
<i>CD207</i>	1.6	20.31	<0.1	NA	8.196153846	NA	3.16878	NA	No
<i>GRIN3B</i>	10.61	11.22	43.82	39.98	1.052540913	0.914353125	0	-0.117235	No

VAX2	13.61	20.31	7.69	6.80	1.458590007	0.897797987	0.417263	-0.190381	No
ATP6V1B1	7.58	8.96	9.03	7.69	1.160839161	0.866573953	0.11888	-0.288226	No
NFE2L2	2.98	4.12	8.96	9.47	1.286432161	1.050843548	0.306365	0	No
MSH6	2.22	2.8	6.08	6.48	1.180124224	1.056360081	0.0845911	0	No
PLEKHA3	0.27	0.34	0.15	0.09	1.05511811	0.951203754	0	0	No
SPR	61.02	77.8	137.24	151.46	1.270557885	1.102834018	0.304905	0	No
EPHA4	2.93	2.46	0.29	0.55	0.880407125	1.198669409	0	0.0278645	No
FARSB	9.44	11.97	6.60	8.86	1.242337165	1.297074368	0.184657	0.0619327	No
ALMS1	6.27	10.67	8.59	11.38	1.60522696	1.291389294	0.613912	0.212747	No
BCL9	7.18	9.33	18.59	21.36	1.262836186	1.141618518	0.263898	0	No
DHCR24	9.32	33.54	<0.1	NA	3.346899225	NA	1.57764	NA	No
DNAJC16	24.57	24.93	<0.1	NA	1.014078999	NA	0	NA	No
MORN1	6.78	7.94	25.50	26.16	1.149100257	1.024866817	0.0865659	-0.03401	No
GPX7	0.69	1	<0.1	NA	1.183431953	NA	0.200993	NA	No
CACYBP	1.32	2	6.15	6.40	1.293103448	1.035374269	0.352966	0	No
SCP2	7.76	9.7	11.17	11.50	1.221461187	1.026719242	0.128885	0	No
RALGPS2	3.67	3.03	6.33	6.84	0.862955032	1.069286664	-0.0405735	0	No
CEP104	3.18	10.34	66.76	63.80	2.71291866	0.956301769	1.507	-0.175534	No
FAM20B	1.55	2.01	28.29	33.65	1.180392157	1.183009016	0.0362707	0.0363143	No
TCEANC2	7.34	6.85	7.08	7.28	0.941247002	1.024618651	0	0	No
TMEM59	7.89	10	17.55	18.31	1.237345332	1.041093242	0.213271	0	No
LRRC42	26.65	26.29	19.89	17.12	0.986980108	0.867232742	0	-0.183081	No
WRAP73	11.69	16.94	14.36	15.46	1.413711584	1.071672225	0.406616	0	No
MRPL37	7.58	8.03	<0.1	NA	1.052447552	NA	0	NA	No
ICMT	7.91	5.56	22.60	25.05	0.736251403	1.103671839	-0.320281	0	No
RPL22	14.37	20.21	6.70	6.95	1.379960963	1.032542704	0.348786	0	No
CHD5	7.94	9.37	41.71	47.46	1.159955257	1.134602027	0.122829	0	No
QSOX1	33.65	21.2	35.19	33.49	0.640692641	0.952916367	-0.581646	-0.121655	No
STXBP3	83.79	50.77	567.72	618.42	0.610567284	1.089138961	-0.627953	0	No
PHF13	94.42	59.95	72.54	69.71	0.638754978	0.961522909	-0.555842	-0.0737908	No
ERRFI1	8.74	12.11	17.46	18.51	1.345995893	1.056684672	0.360382	0	No
PARK7	53.03	34.76	120.59	121.39	0.661854525	1.006584042	-0.530063	-0.0515968	No
AMPD2	12.01	32.62	214.50	238.12	2.584166026	1.109594392	1.31659	0	No
SRSF4	16.75	19.5	18.75	20.62	1.154929577	1.094686809	0.0880256	0	No
MECR	0.31	0.37	<0.1	NA	1.045801527	NA	0	NA	No
KCNC4	3.11	7.51	8.15	10.20	2.070559611	1.223815804	1.06752	0.0212608	No
EDEM3	2.41	4.8	11.19	12.77	1.700879765	1.129481048	0.761908	0	No
WDR77	0.13	1.29	<0.1	NA	2.026548673	NA	2.59373	NA	No

<i>ATP5PB</i>	5.8	5.78	17.25	16.49	0.997058824	0.958125956	0	-0.0993582	No
<i>RAP1A</i>	0.22	1.39	0.73	1.26	1.959016393	1.304564958	1.84924	0.178675	No
<i>HDAC1</i>	2.79	4.04	4.18	6.62	1.329815303	1.471142015	0.356536	0.393041	No
<i>CAPZA1</i>	0.66	0.81	1.21	1.33	1.090361446	1.052863757	0	0	No
<i>S100PBP</i>	6.05	8.56	7.67	8.08	1.356028369	1.047503393	0.312445	0	No
<i>RNF19B</i>	9.19	5.21	18.81	16.73	0.609421001	0.89478638	-0.550849	-0.138924	No
<i>SCAMP3</i>	0.19	1.6	20.57	17.46	2.18487395	0.855751265	1.79557	-0.280813	No
<i>TRIM62</i>	23.59	27.37	38.68	42.24	1.153721025	1.089687488	0.128865	0	No
<i>ASH1L</i>	0.85	1.05	3.66	4.57	1.108108108	1.196097938	0	0	No
<i>SFPQ</i>	4.15	3.56	2.03	2.80	0.885436893	1.253953299	-0.0280623	0.118502	No
<i>RHOU</i>	0.11	0.31	<0.1	NA	1.18018018	NA	0.500707	NA	No
<i>GON4L</i>	6.11	7.07	12.99	15.32	1.135021097	1.166323073	0.0725705	0	No
<i>ARHGEF2</i>	10.92	5.77	10.03	11.61	0.56795302	1.142848692	-0.793556	0	No
<i>LAMTOR2</i>	36.35	33.63	71.50	69.00	0.927175368	0.965515306	-0.0387451	-0.144896	No
<i>MEF2D</i>	9.05	7.09	25.17	19.31	0.804975124	0.775909235	-0.199772	-0.415599	No
<i>DOCK7</i>	4.69	12.03	4.11	4.72	2.289982425	1.120288778	1.17396	0	No
<i>SRM</i>	8.05	8.4	15.93	16.54	1.038674033	1.035909599	0	0	No
<i>FBXO2</i>	324.58	272.72	<0.1	NA	0.840715032	NA	-0.208566	NA	No
<i>FBXO6</i>	60.87	68.17	70.04	73.41	1.117989332	1.047446117	0.0891857	-0.0179107	No
<i>C1orf21</i>	3.98	4.34	11.75	11.80	1.072289157	1.003652211	0	0	No
<i>MAD2L2</i>	4.71	5.36	26.32	26.89	1.113835377	1.020743789	0.0204037	0	No
<i>DNAJC6</i>	1.61	3.77	3.64	4.44	1.827586207	1.172399068	0.826557	0	No
<i>LEPR</i>	664.7	695.45	0.14	0.24	1.046191978	1.090181118	0.0412267	0	No
<i>IVNS1ABP</i>	0.93	2.11	0.73	1.72	1.611398964	1.570167419	0.838543	0.591668	No
<i>KIAA2013</i>	2.96	2.74	1.68	1.90	0.944444444	1.080669263	0	0	No
<i>MFN2</i>	17.34	18.08	29.91	29.55	1.040348964	0.988430704	0	-0.108894	No
<i>MIIP</i>	7.8	8.37	17.74	21.01	1.064772727	1.17432493	0	0	No
<i>SMG7</i>	5.95	6.28	4.72	5.20	1.047482014	1.08452637	0	0	No
<i>NCF2</i>	3.67	3.4	<0.1	NA	0.942184154	NA	0	NA	No
<i>SLC35D1</i>	4.81	4.31	5.65	5.53	0.91394148	0.982002995	0	0	No
<i>PLA2G4A</i>	3.31	5.4	<0.1	NA	1.484918794	NA	0.431785	NA	No
<i>GADD45A</i>	2.24	3.04	4.07	4.16	1.24691358	1.017329185	0.167949	0	No
<i>WLS</i>	33.94	46.65	27.44	27.66	1.363766457	1.007796383	0.379862	-0.0495983	No
<i>PRDM2</i>	0.16	0	0.64	0.36	0.862068966	0.829810154	0	0	No
<i>RGS2</i>	0.54	0.94	0.76	0.99	1.25974026	1.132846531	0.261401	0	No
<i>RO60</i>	38.55	36.94	223.45	213.86	0.959292035	0.957261003	0	-0.112022	No
<i>UCHL5</i>	10.21	10.38	31.10	31.45	1.015165031	1.010922206	0	0	No
<i>BCAS2</i>	11.38	13.02	62.98	74.47	1.132471729	1.17962071	0.0195588	0	No

<i>SRSF11</i>	0.23	8.1	<0.1	NA	7.398373984	NA	3.61158	NA	No
<i>CTH</i>	8.05	19.56	8.07	9.13	2.271823204	1.116594115	1.07896	0	No
<i>AGMAT</i>	4.56	12.53	24.31	23.65	2.433453237	0.974090414	1.28041	-0.0943314	No
<i>OLFML3</i>	0.12	0.16	<0.1	NA	1.035714286	NA	0	NA	No
<i>PLEKHM2</i>	4.5	3.55	0.38	0.75	0.827272727	1.270434719	-0.111606	0	No
<i>CRYZ</i>	5.7	5.27	0.44	0.50	0.935820896	1.04154439	0	0	No
<i>PHTF1</i>	8.37	11.5	3.14	3.56	1.334044824	1.102215474	0.281276	0	No
<i>ZBTB17</i>	1.91	1.5	7.21	8.56	0.859106529	1.16460629	-0.0694968	0	No
<i>CD58</i>	23.51	30.14	15.02	13.20	1.270501836	0.886109506	0.225444	-0.186566	No
<i>TFAP2E</i>	0.24	0.81	<0.1	NA	1.459677419	NA	0	NA	No
<i>TTF2</i>	2.24	2.41	4.70	5.40	1.052469136	1.123546137	0	0	No
<i>NR5A2</i>	55.48	31.19	<0.1	NA	0.569936261	NA	-0.759362	NA	No
<i>KIF21B</i>	2.36	2.1	14.73	14.82	0.922619048	1.005943166	0	-0.0484545	No
<i>TMEM9</i>	16.45	28.17	23.22	22.33	1.671633238	0.963348536	0.677529	-0.082118	No
<i>ADPRS</i>	11.9	40.2	5.79	12.31	3.19379845	1.960413393	1.66648	0.826953	No
<i>MAP7D1</i>	2.88	8.34	3.45	6.32	2.407216495	1.645067108	1.32419	0.603872	No
<i>WARS2</i>	5.54	21.53	<0.1	NA	3.444954128	NA	1.74257	NA	No
<i>OSCP1</i>	4.05	4.79	<0.1	NA	1.146534653	NA	0.00311073	NA	No
<i>MRPS15</i>	58.36	67.02	439.08	437.00	1.145889488	0.995279542	0.102613	-0.109773	No
<i>EXOC8</i>	5.3	5.82	18.07	18.96	1.082539683	1.046526932	0	0	No
<i>GNPAT</i>	13.77	17.02	31.50	33.66	1.220040623	1.06647661	0.158429	0	No
<i>TSNAX</i>	4.19	5.48	18.45	21.11	1.248554913	1.137011647	0.177901	0	No
<i>C1orf109</i>	8.03	14.28	28.57	28.32	1.69213732	0.991484959	0.722666	-0.104014	No
<i>RRAGC</i>	5.57	8.97	10.78	10.24	1.517503805	0.954054542	0.546033	-0.109866	No
<i>NID1</i>	11.68	16.11	19.39	20.43	1.349369085	1.051118689	0.298071	0	No
<i>LGALS8</i>	2.31	2.58	3.92	3.94	1.081570997	1.003425499	0	0	No
<i>HPCAL4</i>	35.51	19.33	64.36	61.62	0.556833744	0.958025646	-0.766388	-0.122336	No
<i>MTR</i>	0.41	0.8	1.40	0.31	1.276595745	0.54403167	0.489196	-1.97939	No
<i>BMP8B</i>	8.79	8.66	15.62	17.88	0.986721144	1.135745739	0	0	No
<i>MYCL</i>	21.92	18.11	17.28	19.36	0.833769634	1.11395489	-0.178776	0	No
<i>SIPA1L2</i>	0.6	0.69	4.90	6.51	1.05625	1.273350838	0	0	No
<i>RLF</i>	5.85	6.73	21.61	24.16	1.128467153	1.112598753	0.0489344	0	No
<i>ZNF684</i>	2.43	1.9	16.77	15.75	0.84548105	0.942405149	-0.15456	-0.115284	No
<i>KCNQ4</i>	13.71	21.51	29.35	33.95	1.53025153	1.151563202	0.538641	0	No
<i>RIMS3</i>	6.1	8.53	21.70	20.03	1.342253521	0.926447855	0.338261	-0.20557	No
<i>AKT3</i>	1.71	3.75	11.01	13.38	1.752767528	1.197709083	0.918704	0.0336138	No
<i>ETV3</i>	70.1	72.71	57.41	53.29	1.036708861	0.929472924	0	-0.0924496	No
<i>ACADM</i>	2037.4	1328.86	3113.04	2726.27	0.652403846	0.875796715	-0.598875	-0.322241	No

ST6GALNAC4	2.33	2.55	25.76	29.31	1.066066066	1.132690749	0	0	No
PADI2	1.47	2.01	58.23	57.56	1.218623482	0.988751521	0.212246	-0.104609	No
SDHB	0.15	0.4	5.83	4.96	1.217391304	0.873267863	0	0	No
MFAP2	2.45	2.5	6.33	7.22	1.014492754	1.121057928	0	0	No
RPF1	44.52	42.47	40.38	38.53	0.954964851	0.9551961	0	-0.111131	No
KDM5B	14.48	10.35	14.09	13.71	0.733204134	0.974505955	-0.293505	-0.0011568	No
UAP1	0.17	0.37	7.87	7.50	1.170940171	0.95833533	0	0	No
ACTL8	10.64	10.6	30.44	29.08	0.996563574	0.956776514	0	-0.0419811	No
CTBS	1.4	1.95	13.68	14.39	1.229166667	1.048063337	0.128449	0	No
KLHL12	41.42	29.2	42.58	42.61	0.711928336	1.000607365	-0.407416	-0.0626108	No
SSX2IP	290.29	247.97	295.09	254.30	0.854715232	0.862233805	-0.186505	-0.329673	No
ZNHIT6	1.56	2.27	3.91	4.99	1.27734375	1.219777868	0.286396	0.0342457	No
RBBP5	6.02	5.27	16.00	18.72	0.893162393	1.159844912	0	0	No
GBP3	8.67	12.35	2.04	1.53	1.380558428	0.833246477	0.344863	-0.133271	No
GBP1	37.61	36.06	30.96	38.93	0.95985496	1.249465787	0	0.082934	No
PINK1-AS	51.39	52.36	35.21	39.21	1.018514984	1.110482544	0	0	No
KIF17	5.86	8.22	33.68	32.61	1.344023324	0.969121268	0.29513	-0.104591	No
GPR89A	1.13	1.85	1.20	1.69	1.338028169	1.220832389	0.397925	0.0850835	No
CDK18	0.33	0.6	<0.1	NA	1.203007519	NA	0	NA	No
RAB29	10.48	11.68	8.50	9.22	1.104529617	1.076157762	0.0162276	0	No
ECE1	12.97	9.05	7.43	7.70	0.719398712	1.031804544	-0.346701	0	No
HMGCL	45.59	36.63	425.62	438.86	0.807684052	1.031027099	-0.216314	-0.0461402	No
GALE	2.84	3.48	10.66	12.31	1.166666667	1.141796951	0.0419292	0	No
ID3	22.42	21.29	37.80	40.25	0.95175064	1.06311187	0	0	No
CD46	0.93	1.11	1.72	1.87	1.093264249	1.055938656	0	0	No
PRPF3	2.64	2.18	8.62	10.94	0.873626374	1.241543583	-0.0041621	0.0541151	No
APH1A	16.78	21.85	43.05	44.47	1.285151856	1.032348731	0.255433	-0.0110619	No
P3H1	1.93	1.68	0.36	0.43	0.914675768	1.053356157	0	-0.0004567	No
SLC2A1	253.08	203.82	176.42	180.14	0.806124055	1.020993332	-0.249219	-0.0505709	No
EBNA1BP2	0.72	0.67	1.14	1.27	0.970930233	1.063054841	0	0	No
CDC20	52.27	67.66	268.35	246.11	1.288905575	0.917443244	0.297983	-0.227797	No
ARTN	2.86	3.15	<0.1	NA	1.075129534	NA	0	NA	No
IPO13	4.13	6.36	15.08	16.26	1.434697856	1.073160811	0.420167	0	No
ATP6V0B	6.41	8.21	<0.1	NA	1.24291498	NA	0.241723	NA	No
B4GALT2	3	2.41	2.69	3.25	0.8525	1.152978193	-0.0384649	0	No
ERI3	9.86	12.41	10.33	14.22	1.23480663	1.343464259	0.140671	0.130106	No
PTCH2	1.64	1.3	<0.1	NA	0.871212121	NA	-0.0836649	NA	No
AKR1A1	1.3	2.21	0.50	0.55	1.395652174	1.036039461	0.574632	0	No

<i>PRDX1</i>	6.39	5.26	15.06	16.41	0.847090663	1.084044613	-0.0915766	0	No
<i>PIK3R3</i>	0.11	0.29	<0.1	NA	1.162162162	NA	0	NA	No
<i>TSPAN1</i>	123.59	130.85	18.84	21.35	1.058271129	1.126445403	0	0	No
<i>BLZF1</i>	18.39	22.3	7.53	7.45	1.201650335	0.991102085	0.0799697	0	No
<i>SLC19A2</i>	2.06	2.37	0.26	0.30	1.10130719	1.035685135	0	0	No
<i>FAAH</i>	0.23	0.29	2.38	2.99	1.048780488	1.179255449	0	0	No
<i>NSUN4</i>	8.8	8.45	1.66	1.81	0.964285714	1.05640141	0	0	No
<i>TMED5</i>	0.14	0.15	0.75	0.83	1.00877193	1.043425818	0	0	No
<i>DR1</i>	1.58	4.59	<0.1	NA	2.166666667	NA	1.17557	NA	No
<i>CNN3</i>	6.81	5.47	10.08	11.42	0.828425096	1.121192828	-0.041678	0	No
<i>PRRC2C</i>	0.82	1.02	2.16	2.03	1.10989011	0.957634679	0	0	No
<i>F3</i>	4.35	4.36	5.41	6.09	1.001869159	1.106450343	0	0	No
<i>ABCD3</i>	0.33	0.33	3.20	3.26	1	1.01414583	0	0	No
<i>VAMP4</i>	0.2	0.23	0.44	0.29	1.025	0.898213866	0	0	No
<i>DPH5</i>	34.93	54.3	21.41	24.14	1.539103813	1.121875753	0.541365	0	No
<i>PTBP2</i>	4.91	6.06	27.15	27.60	1.194585448	1.016019285	0.108616	0	No
<i>PRDX6</i>	15.53	11.59	0.22	0.18	0.761645493	0.969597589	-0.312293	0	No
<i>DARS2</i>	9.24	10.41	5.32	6.42	1.114257813	1.173299426	0	0	No
<i>IRF6</i>	6.94	9.24	2.66	3.39	1.289672544	1.199672534	0.271486	0.0895258	No
<i>UTP25</i>	0.97	1.76	3.75	4.17	1.401015228	1.087385878	0.567528	0	No
<i>RCAN3</i>	1.18	1.21	2.14	1.70	1.013761468	0.860992381	0	-0.0740278	No
<i>SYF2</i>	3.42	4.03	16.02	18.95	1.13800905	1.172109119	0	0	No
<i>RSRP1</i>	0.88	1.24	2.88	2.94	1.191489362	1.016608593	0	0	No
<i>SLC35A3</i>	9.12	11.02	30.82	28.90	1.187747036	0.939599953	0.0624729	-0.122152	No
<i>RCOR3</i>	0.15	0.26	<0.1	NA	1.095652174	NA	0	NA	No
<i>STMN1</i>	10.13	11.76	16.39	19.38	1.146451033	1.171920721	0.0824127	0	No
<i>MTRF1L</i>	21.73	25.1	10.83	12.77	1.148262209	1.16372535	0.0880759	0	No
<i>MAN1C1</i>	21.19	27.34	113.28	114.15	1.27715187	1.007636415	0.283029	-0.0367705	No
<i>NEK2</i>	26.89	10.24	19.78	22.58	0.403011832	1.134925206	-1.32672	0	No
<i>RPS6KA1</i>	20.04	22.46	115.44	109.79	1.115019011	0.951489305	0	-0.142303	No
<i>DHDDS</i>	67	100.94	181.14	193.99	1.499117647	1.070562616	0.527282	-0.0157584	No
<i>NENF</i>	1.78	3.79	4.59	4.36	1.723021583	0.959548821	0.819951	-0.0810664	No
<i>NSL1</i>	0.66	1.05	0.66	1.05	1.234939759	1.235652964	0.353211	0.290465	No
<i>ARID1A</i>	1.15	0.86	<0.1	NA	0.865116279	NA	0	NA	No
<i>CENPF</i>	5.26	8.65	14.58	16.10	1.541533546	1.097591099	0.567631	0	No
<i>RPA2</i>	6.91	11.69	3.63	5.03	1.604298357	1.303037489	0.51888	0.00900554	No
<i>PPP1R8</i>	1.63	2.95	4.46	5.18	1.501901141	1.132620441	0.683782	0	No
<i>STX12</i>	4.46	5.33	1.84	1.92	1.159340659	1.026976631	0	0	No

MTARC2	1.33	5.6	<0.1	NA	2.832618026	NA	1.67568	NA	No
OSBPL9	6.39	7.82	1.90	2.07	1.193504736	1.057823484	0.0652078	0	No
TXNDC12	1.78	1.99	5.71	6.50	1.075539568	1.117036506	0	0	No
ESYT2	2.4	4.88	10.65	13.27	1.729411765	1.224624796	0.790464	0	No
CD3EAP	2.91	3.43	1.96	2.40	1.132992327	1.148498307	0	0	No
MESD	1.42	1.75	1.54	1.67	1.136363636	1.051550602	0	0	No
RCN2	8.26	10.28	14.57	13.81	1.218142549	0.951035837	0.162338	0	No
CTSD	5.99	8.11	5.01	5.06	1.303290415	1.00816465	0.252285	-0.0112137	No
COLEC11	1.38	0.95	0.13	0.09	0.819327731	0.96385905	-0.197395	0	No
STAG1	5.38	5.41	5.23	6.19	1.004702194	1.153310753	0	0	No
STK11	0.33	0.86	1.08	1.67	1.398496241	1.285248625	0.716795	0.193961	No
KMT2A	3.4	3.17	5.39	6.26	0.947727273	1.135560262	0	0	No
IFT46	1.12	1.9	5.94	6.54	1.367924528	1.086800533	0.259272	0	No
KPTN	0.3	0.44	<0.1	NA	1.107692308	NA	0	NA	No
RPS25	4.42	4.7	2.91	3.26	1.051660517	1.088961709	0	0	No
KIF14	8.8	10.79	<0.1	NA	1.203061224	NA	0.188359	NA	No
DDX59	1.57	0.57	0.16	0.13	0.610894942	0.976186129	-0.859506	0	No
CAMSAP2	0.41	0.49	<0.1	NA	1.056737589	NA	0	NA	No
ATF6	6.74	6.71	2.45	2.75	0.996124031	1.085575278	0	0	No
MREG	3.9	2.9	3.17	3.55	0.795918367	1.090311111	-0.13021	0	No
FASTKD2	1185.31	686.91	553.22	607.49	0.579873726	1.09791694	-0.740559	0	No
NRP2	32.37	39.59	21.06	24.44	1.216362002	1.153431425	0.176208	0	No
CREB1	15.35	22.04	17.37	19.72	1.409174312	1.127902003	0.358096	0	No
KLF7	83.67	91.4	126.74	116.57	1.091295618	0.920413309	0.0407314	-0.194917	No
B4GALT6	6.93	8.36	6.41	6.97	1.180327869	1.076086724	0.152395	0	No
C1orf54	3.54	3.91	2.86	3.20	1.081497797	1.088110339	0	0	No
CA14	5.87	4.84	3.12	2.64	0.85007278	0.884426728	0	0	No
SPCS2	1.57	3.13	2.79	3.05	1.607003891	1.06745724	0.667429	0	No
USP35	0.43	0.47	8.66	9.10	1.027972028	1.045076613	0	0	No
CASP8AP2	83.88	120.17	6.13	5.69	1.427544769	0.938205761	0.464729	-0.0409278	No
HMGN3	1.25	1.03	<0.1	NA	0.902222222	NA	-0.0124072	NA	No
UBE3D	5.9	11.07	4.67	4.82	1.749275362	1.025757201	0.74139	0	No
ANKRD13C	4.69	4.29	<0.1	NA	0.92970123	NA	0	NA	No
PHF3	1.19	1.68	1.23	1.63	1.223744292	1.180385515	0.223452	0.0732163	No
PLAGL1	0.21	0.36	1.47	1.56	1.123966942	1.03508676	0.263182	0	No
FBXO30	176.95	116.63	84.80	97.89	0.661028379	1.152599442	-0.546562	0	No
TNFAIP3	32.14	21.67	31.72	36.12	0.684067592	1.134431095	-0.455409	0	No
RAB32	83.75	60.88	119.58	117.60	0.730147493	0.983584665	-0.3647	-0.0992101	No

<i>SGK1</i>	3.54	3.76	7.69	8.21	1.04845815	1.059875268	0	0	No
<i>RNF146</i>	17.51	37.55	<0.1	NA	2.082658023	NA	0.959831	NA	No
<i>CCN2</i>	2.64	2.49	27.58	28.36	0.958791209	1.027322632	0	-0.0033334	No
<i>FBXL5</i>	1.05	0.26	<0.1	NA	0.614634146	NA	-1.16103	NA	No
<i>MED28</i>	21.64	28.81	202.29	202.42	1.316696113	1.000635368	0.320862	-0.120383	No
<i>SLC16A7</i>	31.16	53.59	16.43	17.49	1.697450249	1.060827521	0.656891	0	No
<i>RXYLT1</i>	1.48	1.74	6.19	7.72	1.10483871	1.212886952	0	0.022177	No
<i>ZNF430</i>	4.89	6.54	13.90	13.90	1.280135823	0.999815152	0.116152	0	No
<i>VAMP8</i>	1.74	1.11	0.38	0.29	0.770072993	0.935806965	-0.0347845	0	No
<i>DCLRE1B</i>	2.65	2.73	<0.1	NA	1.021917808	NA	0	NA	No
<i>MYL12B</i>	29.11	23.03	38.51	36.64	0.79807373	0.95257118	-0.227043	-0.106207	No
<i>FOXO3</i>	32.73	23.51	56.48	57.10	0.726652831	1.010740626	-0.334695	0	No
<i>ARMC2</i>	41.26	46.25	1.28	1.88	1.118078561	1.26383918	0.109572	0	No
<i>RPN2</i>	53.33	30.96	73.30	67.39	0.588256948	0.920474521	-0.69954	-0.193179	No
<i>TGIF2</i>	5.21	3.41	13.74	13.81	0.710144928	1.004745381	-0.45552	-0.0618928	No
<i>PKD2</i>	158.66	100.5	290.58	232.08	0.635725918	0.799370269	-0.570244	-0.401568	No
<i>ABCG2</i>	3.08	3.07	3.36	3.54	0.99754902	1.041828396	0	0	No
<i>STBD1</i>	3.66	2.84	2.37	2.54	0.824034335	1.049105074	-0.095413	0	No
<i>CCNI</i>	61.97	47.56	284.86	300.93	0.77116087	1.056199313	-0.273903	0	No
<i>RARRES1</i>	19.15	19.02	55.41	68.10	0.993548387	1.224909821	0	0.0995033	No
<i>MFSD1</i>	4.16	2.48	6.17	4.70	0.674418605	0.794896389	-0.44238	-0.257974	No
<i>RAB3GAP2</i>	4.42	5.84	8.96	7.70	1.26199262	0.87334478	0.256147	-0.273824	No
<i>EEF2KMT</i>	3.27	3.3	6.82	7.47	1.007025761	1.082804345	0	0	No
<i>PPL</i>	8.57	9.1	12.84	14.58	1.0553814	1.125692972	0	0	No
<i>UBN1</i>	8.52	18.96	77.25	86.17	2.096638655	1.113957056	0.999879	0	No
<i>KLF12</i>	3.99	4.51	<0.1	NA	1.104208417	NA	0	NA	No
<i>UCHL3</i>	10.5	14.89	7.10	7.08	1.38173913	0.996961547	0.343106	0	No
<i>HS1BP3</i>	8.11	7.7	<0.1	NA	0.954994512	NA	0	NA	No
<i>LDAH</i>	1.87	2.81	<0.1	NA	1.327526132	NA	0.286449	NA	No
<i>WDR35</i>	6.76	8.2	75.52	56.02	1.18556701	0.74519016	0.147963	-0.530542	No
<i>ELL2</i>	2.51	2.09	<0.1	NA	0.88034188	NA	0	NA	No
<i>CYP20A1</i>	5.13	3.04	0.27	0.55	0.659053834	1.220938093	-0.513154	0.0514464	No
<i>NDUFB3</i>	6.12	7.69	<0.1	NA	1.220505618	NA	0.198445	NA	No
<i>GTF3C3</i>	1.62	0.6	10.86	10.51	0.610687023	0.970246778	-0.85909	-0.0469717	No
<i>SATB2</i>	8.34	7.64	21.52	23.67	0.925053533	1.095509666	0	0	No
<i>UBE2B</i>	0.81	0.91	3.61	4.33	1.055248619	1.156728811	0	0	No
<i>GDA</i>	8.99	11.54	25.66	26.16	1.255255255	1.018730095	0.177913	-0.0293052	No
<i>KLF9</i>	2.29	1.81	10.80	11.78	0.854103343	1.083112423	-0.119439	0	No

<i>TJP2</i>	17.24	21.19	<0.1	NA	1.216557018	NA	0.197527	NA	No
<i>ITGB1BP1</i>	69.73	30.32	64.72	63.22	0.442810689	0.977162959	-1.13597	-0.133445	No
<i>CPSF3</i>	164.29	205.48	152.82	144.23	1.249198379	0.944127639	0.278231	-0.180823	No
<i>PIGZ</i>	45.26	51.6	25.19	20.76	1.137051448	0.830803339	0.108629	-0.309367	No
<i>SENP5</i>	6.73	6.66	65.42	69.81	0.990944373	1.066128906	0	0	No
<i>CCDC92</i>	16.08	16.34	64.38	58.86	1.015222482	0.915554502	0	-0.193871	No
<i>C1orf198</i>	55.4	61.5	169.47	172.09	1.108156028	1.015368372	0.099712	-0.0746346	No
<i>HEATR1</i>	7.91	6.41	30.76	32.64	0.831649832	1.059311714	-0.142103	0	No
<i>PTBP3</i>	32.89	34.99	46.94	47.54	1.061965181	1.012549612	0	-0.0516248	No
<i>RAD23B</i>	0.11	0.11	0.22	0.19	1	0.972748427	0	0	No
<i>FKBP15</i>	6.57	8.23	18.53	21.25	1.219286658	1.139039324	0.112198	0	No
<i>CTNNAL1</i>	6.63	6.74	13.67	14.67	1.014416776	1.068288684	0	0	No
<i>ABITRAM</i>	6.54	16.34	0.24	2.57	2.299734748	2.875424406	1.15405	2.37863	No
<i>WDR34</i>	32.74	38.68	43.81	48.83	1.176052164	1.112120275	0.148943	0	No
<i>SET</i>	18.32	13.13	22.26	19.41	0.73136646	0.87757418	-0.367322	-0.260659	No
<i>PTPA</i>	0.88	1.38	<0.1	NA	1.265957447	NA	0.405936	NA	No
<i>GLE1</i>	16	22.48	18.35	20.65	1.381176471	1.118715616	0.386425	0	No
<i>RAB14</i>	2.99	3.14	<0.1	NA	1.037593985	NA	0	NA	No
<i>CNTRL</i>	3.99	3.67	6.48	7.49	0.935871743	1.134986512	0	0	No
<i>TRIM32</i>	3.44	2.98	30.67	27.28	0.896396396	0.892808345	-0.0367084	-0.235782	No
<i>FBXW2</i>	4.08	3.58	17.84	17.20	0.901574803	0.965802656	0	0	No
<i>PHF19</i>	0.56	0.67	5.48	6.40	1.070512821	1.142045663	0	0.0137658	No
<i>NEK6</i>	29.14	31.84	36.51	40.09	1.089581951	1.095469654	0.0486818	0	No
<i>BSPRY</i>	0.12	0.1	4.40	4.66	0.982142857	1.047344886	0	0	No
<i>PPP6C</i>	9.88	13.44	12.87	15.82	1.327205882	1.212606212	0.316632	0.0462763	No
<i>NDUFA8</i>	41.21	38.16	48.15	52.33	0.927742241	1.084992745	0	0	No
<i>HDHD3</i>	1.62	1.32	6.17	6.87	0.885496183	1.097010849	0	0	No
<i>LCN1P1</i>	38.2	27.51	50.57	47.79	0.727295918	0.946143015	-0.363264	-0.0961228	No
<i>RBM18</i>	0.52	0.58	1.64	2.26	1.039473684	1.235442759	0	0	No
<i>HSDL2</i>	9.98	10.94	37.95	39.56	1.087431694	1.041461871	0.0102695	-0.0308225	No
<i>MAPKAP1</i>	60.92	35.08	144.18	133.83	0.582687339	0.928709076	-0.709892	-0.232687	No
<i>INVS</i>	4.35	5.5	1.68	2.54	1.214953271	1.322258784	0.113142	0.177384	No
<i>GALNT12</i>	106.39	103	76.48	73.48	0.968432815	0.961223991	0	-0.114344	No
<i>DENND1A</i>	15.22	15.59	129.52	141.45	1.022811344	1.091437782	0	0	No
<i>ALG2</i>	0.58	0.77	2.66	2.44	1.120253165	0.93892272	0	0	No
<i>KDSR</i>	68.34	75.14	<0.1	NA	1.098067494	NA	0.0739275	NA	No
<i>VPS4B</i>	4.6	10.76	<0.1	NA	2.1	NA	0.975041	NA	No
<i>C19orf25</i>	0.88	0.99	3.59	4.20	1.058510638	1.133028014	0	0	No

ZBTB45	9.02	10.86	15.73	17.55	1.183632735	1.108922693	0.134058	0	No
YLPM1	11.75	11.22	82.06	92.66	0.958431373	1.12758024	0	0	No
DCAF4	14.76	18.89	16.90	19.17	1.262055838	1.126722419	0.245758	0	No
FCF1	0.83	1.3	7.29	7.83	1.256830601	1.065030279	0.309701	0	No
PGF	0.5	0.47	2.19	2.58	0.98	1.123418409	0	0	No
IFI27L2	21.44	25.55	11.93	13.69	1.18315508	1.136157466	0.138427	0	No
BBOF1	0.23	0.81	3.19	3.25	1.471544715	1.014117613	1.10552	0	No
NEK9	15.66	19.47	30.65	34.86	1.228691477	1.133014797	0.23987	0	No
ACYP1	10.86	15.66	24.91	29.17	1.404721754	1.164325126	0.426572	0.00751693	No
IFT43	20.46	21.17	63.06	64.98	1.033084809	1.029946783	0	-0.0081721	No
NPC2	26.9	22	23.60	27.37	0.82437276	1.153346361	-0.14341	0	No
DNAL1	4.47	3.49	12.57	17.37	0.820840951	1.353791377	-0.0724726	0.146206	No
IRF2BPL	1.42	1.71	1.19	1.54	1.119834711	1.159637676	0	0	No
ACOT2	1.86	2.16	5.00	5.61	1.104895105	1.101395025	0	0	No
LTBP2	7.95	8.33	4.39	4.88	1.042458101	1.091042884	0	0	No
AREL1	7.22	8.15	4.29	5.70	1.113138686	1.265942577	0	0.0864557	No
MLH3	1.11	1.35	5.71	7.43	1.113744076	1.256393408	0	0.0922225	No
TTLL5	36.08	31.29	<0.1	NA	0.870819849	NA	-0.103103	NA	No
FLVCR2	22.01	34.78	4.81	3.78	1.554976097	0.821933569	0.593731	-0.258513	No
ABCD4	18.96	29.95	<0.1	NA	1.550601202	NA	0.605815	NA	No
DLST	9.36	9.7	49.60	49.71	1.032818533	1.002181256	0	-0.0754366	No
PPP4R4	3.38	4.72	4.57	5.23	1.305936073	1.117805041	0.29692	0	No
TGFB3	40.94	45.93	93.14	96.86	1.118979495	1.03956696	0.108915	-0.0459388	No
ZC2HC1C	24.44	25.74	27.05	28.44	1.051100629	1.049408303	0	-0.0181175	No
SLIRP	23.32	22.62	21.55	19.13	0.971217105	0.892859511	0	-0.143271	No
RBM25	83.53	100.59	161.68	165.41	1.201821838	1.022904298	0.177651	-0.0286885	No
ALDH6A1	6.57	3.92	10.24	11.01	0.64993395	1.068873148	-0.430662	0	No
EIF2B2	3.83	6.81	2.77	3.65	1.616977226	1.233233147	0.674746	0.108442	No
NRDE2	13.25	27.1	26.43	28.17	1.971929825	1.063493241	0.917267	0	No
COQ6	5.81	7.32	6.90	8.28	1.221732746	1.174557492	0.165164	0	No
ZNF410	25.01	6.83	2.15	1.20	0.301038062	0.698268671	-1.71256	-0.492273	No
RHOQ	3.67	4.4	2.74	2.72	1.156316916	0.993382039	0.0080223	0	No
SUPT7L	19.87	26.31	58.23	63.53	1.308576905	1.089440362	0.323901	0	No
KLHL29	13.52	13.83	<0.1	NA	1.021349862	NA	0	NA	No
DNMT3A	7.41	7.3	6.50	7.71	0.986920333	1.16160246	0	0	No
TMEM214	8.18	10.61	3.72	4.19	1.264705882	1.098534621	0.179096	0	No
ATAD2B	73.84	95.7	56.70	58.71	1.292089792	1.034858759	0.301291	0	No
FKBP1B	2.21	2.41	5.16	4.89	1.062305296	0.956197005	0	-0.0519833	No

<i>ATL2</i>	7.51	8.18	3.23	2.78	1.078730905	0.893942652	0	-0.0235765	No
<i>YPEL5</i>	0.31	0.99	<0.1	NA	1.519083969	NA	0.841684	NA	No
<i>FAM98A</i>	0.29	0.41	0.70	1.44	1.093023256	1.43507508	0	0.137077	No
<i>YIPF4</i>	0.2	0.1	0.71	0.85	0.916666667	1.080937167	-0.0449294	0	No
<i>AFTPH</i>	33.19	46.47	0.23	0.31	1.388417666	1.069093402	0.413672	0	No
<i>LGALS1</i>	3.51	3.77	27.87	35.75	1.057649667	1.273010999	0	0.0338949	No
<i>CRIP1</i>	6.6	7.1	33.07	32.18	1.065789474	0.973960285	0	0	No
<i>EPCAM</i>	3.28	5.37	10.66	14.10	1.488317757	1.294996296	0.52925	0	No
<i>SLC17A5</i>	10.55	9.96	6.98	7.16	0.948917749	1.021966384	0	-0.0322101	No
<i>OGFRL1</i>	8.36	8.25	56.34	54.63	0.988247863	0.970151057	0	-0.0770013	No
<i>SLF2</i>	2.44	2.94	11.03	11.29	1.145348837	1.021937924	0.114672	0	No
<i>IDE</i>	3.15	3.96	5.27	6.10	1.195180723	1.131913164	0.143674	0	No
<i>ELOVL3</i>	4.45	4.01	1.45	1.60	0.919266055	1.061906892	0	0	No
<i>IFIT3</i>	5.3	7.06	10.54	10.33	1.279365079	0.981604681	0.275172	-0.0655112	No
<i>NKX2-3</i>	20.08	19.4	19.97	18.26	0.967741935	0.918683346	0	-0.147599	No
<i>IFIT2</i>	2.85	3.13	1.02	1.00	1.072727273	0.987790385	0	0	No
<i>GPAM</i>	1.12	1.72	3.93	4.49	1.283018868	1.113595731	0.357048	0	No
<i>CUTC</i>	0.95	1.27	4.44	5.45	1.164102564	1.186305759	0	0.0372147	No
<i>PPP1R3C</i>	17.01	15.73	32.97	33.13	0.928928373	1.004821652	0	0	No
<i>PYROXD2</i>	2	1.71	9.90	7.64	0.903333333	0.792668362	0	-0.410198	No
<i>MXI1</i>	1.06	7.41	1.77	2.40	4.082524272	1.226525321	2.56761	0.0191798	No
<i>SMNDC1</i>	8.37	12.32	26.99	23.87	1.421558164	0.888597791	0.424164	-0.235405	No
<i>C10orf88</i>	30.72	29.1	0.42	1.11	0.948928121	1.489106244	0	0.335153	No
<i>HELLS</i>	9.5	9.05	25.75	25.47	0.957142857	0.989433703	0	-0.0399986	No
<i>TCTN3</i>	6.69	9.04	8.47	9.91	1.305591678	1.151781942	0.316598	0	No
<i>DENND10</i>	27.76	39.85	10.00	10.95	1.420375522	1.086004998	0.440139	0	No
<i>AVPI1</i>	23.02	29.13	218.69	210.75	1.254371357	0.963852723	0.260572	-0.164409	No
<i>WDR11</i>	17.52	15.63	28.42	31.10	0.897948164	1.091117039	-0.0885782	0	No
<i>ARMH3</i>	2.04	6.84	0.32	0.80	2.578947368	1.362985567	1.39174	0.550176	No
<i>CFAP58</i>	22.93	18.39	36.27	37.29	0.810279983	1.027305719	-0.161477	-0.000428	No
<i>GOT1</i>	7.44	6.57	8.77	8.99	0.896919431	1.02257439	0	0	No
<i>GNA13</i>	122.11	113.83	576.10	589.80	0.932743075	1.023737054	-0.0388093	-0.0650407	No
<i>KANSL1</i>	6.58	8.01	19.54	22.23	1.188654354	1.13106925	0	0	No
<i>HOXB3</i>	1.1	1.7	3.24	3.29	1.285714286	1.012100119	0.184316	0	No
<i>DUSP1</i>	19.61	18.84	13.27	14.02	0.962639495	1.052308827	0	0	No
<i>PANK3</i>	4.81	4.05	2.36	2.40	0.86919105	1.010791863	-0.0962623	0	No
<i>MSX2</i>	9.98	8.25	2.15	2.40	0.842440801	1.079016228	-0.0835311	0	No
<i>RCL1</i>	0.17	0.21	9.24	10.62	1.034188034	1.134337614	0	0	No

CAAP1	1.44	7.04	1.71	2.10	3.295081967	1.142364318	2.03157	0	No
MOB3B	5.75	6.18	21.96	16.04	1.063703704	0.742258349	0	-0.486703	No
CD274	5.15	6.08	7.26	7.45	1.151219512	1.023143839	0.0706163	-0.0321956	No
NUP43	22.26	30.59	30.97	35.63	1.358125537	1.145693638	0.363214	0	No
MTHFD1L	6.61	10.27	17.92	20.41	1.480946124	1.131842403	0.400885	0	No
LRP11	1.01	2.48	<0.1	NA	1.731343284	NA	0.924053	NA	No
PCMT1	2.1	2.19	2.82	2.80	1.029032258	0.995672344	0	0	No
PLEKHG1	10.88	10.34	13.52	13.82	0.954545455	1.02070928	0	0	No
CYSTM1	0.16	0.23	<0.1	NA	1.060344828	NA	0	NA	No
WDR55	15.59	15.01	9.84	12.21	0.96503918	1.218535676	0	0.048951	No
ARAP3	5.91	8.33	8.28	9.76	1.350217077	1.159167089	0.327809	0	No
PCDHB8	13.57	19.32	26.11	26.81	1.394646534	1.025940944	0.323946	-0.019593	No
PCDHB10	4.78	4.86	6.12	7.16	1.01384083	1.14608419	0	0	No
PCDHB14	19.65	17.15	30.71	28.59	0.878934625	0.933264941	-0.09361	-0.180001	No
MRPS14	0.12	0.36	0.37	0.40	1.214285714	1.019218831	0.392074	0	No
CENPL	40.88	37.11	60.97	57.98	0.909980898	0.951775847	-0.0326368	-0.150141	No
GORAB	1.5	1.37	5.60	5.48	0.948	0.981568567	0	0	No
ACAT2	0.74	0.63	5.24	5.81	0.936781609	1.091502501	0	0	No
TCP1	34.74	32.16	53.50	54.31	0.927811975	1.014944108	-0.0152578	-0.0576139	No
SNX19	2.32	3.74	5.96	5.94	1.427710843	0.997036483	0.452379	0	No
MSANTD2	8.78	9.28	4.72	4.48	1.051124744	0.957368686	0	0	No
ARR3	7.25	7.02	12.45	14.23	0.972121212	1.132711343	0	0	No
PDZD11	38.24	31.51	33.89	32.97	0.828491335	0.973611346	-0.128928	-0.100263	No
SLC10A7	6.68	6.4	2.66	3.79	0.963541667	1.308281894	0	0.120808	No
NUDCD1	22.71	29.95	35.57	28.92	1.30535639	0.818135644	0.277748	-0.365597	No
ENY2	11.86	17.3	23.27	25.24	1.423017107	1.081249237	0.332442	0	No
MASTL	4.77	5.32	1.29	1.45	1.095320624	1.070430798	0	0	No
KIAA1217	0.15	0.22	2.00	2.40	1.060869565	1.132904026	0	0	No
PLXDC2	47.77	52.3	30.38	31.86	1.09288497	1.047310803	0.062301	-0.0078444	No
EPC1	2.97	3.36	17.59	17.86	1.098236776	1.014585131	0	-0.0582736	No
CCDC77	11.34	27.05	0.15	0.15	2.273095624	0.996714892	0.998399	0	No
TAF12	1.31	1.76	8.69	12.08	1.194805195	1.350226086	0.207669	0.258926	No
ENOX1	2.32	4.6	1.58	1.75	1.686746988	1.065012475	0.773152	0	No
TNFSF11	119.17	139.94	151.64	151.20	1.172838479	0.997129045	0.199067	-0.103741	No
MTRF1	16.37	15.93	55.30	64.26	0.974668969	1.159215188	0	0	No
DNAJC15	2.73	4.03	8.49	8.67	1.348525469	1.019186381	0.321166	0	No
PROSER1	1.43	2.61	0.84	1.39	1.485596708	1.299187636	0.511184	0.174378	No
UFM1	0.52	0.86	1.14	1.44	1.223684211	1.140130057	0.378711	0.027608	No

WBP4	184.94	140.31	236.29	231.41	0.759976336	0.979449231	-0.335694	-0.125239	No
ELF1	27.08	27.41	43.18	45.55	1.011752137	1.053591694	0	0	No
HSPH1	12.78	16.69	53.46	63.37	1.283744557	1.181919249	0.272124	0.0481974	No
KBTBD7	9.05	12.06	7.89	9.18	1.299502488	1.144749663	0.300354	0.0171703	No
ALG5	11.33	8.87	6.88	7.90	0.800486618	1.129115721	-0.141682	0	No
EXOSC8	7.94	9.45	3.75	3.32	1.168903803	0.909446879	0.0878762	-0.0607777	No
ETF1	2.54	3.71	7.45	7.62	1.330508475	1.019941317	0.386961	0	No
TGFB1	2.75	2.88	7.87	8.19	1.034666667	1.035747505	0	0	No
FAM53C	1.11	1.75	0.53	0.82	1.303317536	1.190020029	0.320214	0	No
SIL1	4.6	5.73	9.31	9.13	1.201785714	0.982954816	0.111362	0	No
PAIP2	48.58	65.67	351.45	353.28	1.344695442	1.005179331	0.378557	-0.0856865	No
KDM3B	29.31	26.33	28.19	27.83	0.901682613	0.987715641	-0.0309829	-0.0580119	No
EGR1	2.11	3.2	3.47	4.83	1.350482315	1.303478394	0.412034	0.102613	No
SERP1	13.53	14.13	70.62	77.56	1.041293875	1.096899047	0	0	No
PLS1	4.82	4.42	8.18	9.61	0.931271478	1.155696314	0	0	No
ZFP30	1.16	2.65	0.31	0.42	1.689814815	1.086713663	0.907136	0	No
NR2C1	1.12	2.43	<0.1	NA	1.617924528	NA	0.829802	NA	No
UTP20	60.97	68.02	83.55	93.39	1.113764725	1.116365643	0.0289155	0	No
TMPO	4.23	12.03	7.81	10.41	2.491395793	1.294803593	1.22081	0.0557449	No
ARL1	0.38	0.41	0.55	0.99	1.02173913	1.283068922	0	0.163355	No
GLT8D2	1.33	2.21	2.50	2.94	1.377682403	1.124728176	0.406237	0	No
MTERF2	6.35	5.62	8.86	10.55	0.900680272	1.171410947	-0.0084701	0	No
SOCS2	21.18	28.66	19.50	21.08	1.337240757	1.077099713	0.277458	0	No
NFYB	2.16	2.77	1.00	1.57	1.193037975	1.285421706	0.0242999	0.0483112	No
WASHC3	3.42	4.07	4.31	4.58	1.147058824	1.049982413	0.102946	0	No
APAF1	0.3	1.22	2.78	2.65	1.707692308	0.965614493	1.39219	0	No
DUSP4	6.5	5.38	72.64	69.53	0.850666667	0.957787242	-0.0818302	-0.103445	No
CLU	8.42	8.09	28.64	28.28	0.964968153	0.98798569	0	-0.0674223	No
TNFRSF10B	4.24	5.07	22.02	25.02	1.158396947	1.130501209	0.0365633	0	No
SORBS3	26.22	22.73	35.30	36.01	0.871785452	1.019453203	-0.110203	-0.0248354	No
PTK2B	5.91	4.68	<0.1	NA	0.821997106	NA	-0.136058	NA	No
PPP3CC	1.9	2.23	<0.1	NA	1.113793103	NA	0	NA	No
PDLIM2	38.32	22.89	64.46	58.36	0.60757884	0.906836614	-0.637588	-0.255397	No
EPHX2	2.89	3.28	3.63	4.20	1.100257069	1.12286581	0	0	No
RNF170	56.35	67.03	109.07	107.85	1.186224935	0.988910928	0.180305	-0.100805	No
UBIAD1	10.27	17.07	7.71	11.41	1.603371783	1.425362879	0.518483	0.190453	No
TARDBP	3.67	2.89	7.28	7.89	0.832976445	1.073415504	-0.0316093	0	No
ZNF706	1.19	1.19	4.37	4.16	1	0.961015645	0	-0.090458	No

LYPLA1	278.22	229.63	1393.84	1281.89	0.825979514	0.919737653	-0.229654	-0.210195	No
COP55	2.35	1.95	2.47	3.25	0.880597015	1.224884103	0	0	No
RDH10	1.67	1.81	17.33	15.62	1.052434457	0.906528217	0	-0.165629	No
EPX	49.86	30.48	59.90	59.01	0.618953991	0.985317825	-0.61585	-0.102736	No
AKAP1	3.15	3.41	13.50	15.13	1.062650602	1.112539203	0	0	No
COIL	19.9	10.48	183.20	166.83	0.549282297	0.91115019	-0.816888	-0.241943	No
TRIM25	12.17	6.83	33.36	28.31	0.59453303	0.852941043	-0.553706	-0.158552	No
SCPEP1	5.72	6.38	<0.1	NA	1.098214286	NA	0	NA	No
SPOP	11.13	15.05	11.31	10.19	1.323165705	0.909098277	0.364113	-0.18381	No
TBX2	54.18	48.03	67.59	71.06	0.888546575	1.050558171	-0.0757913	-0.0275424	No
SLC35B1	46.27	36.94	107.17	83.88	0.802623228	0.784728003	-0.258694	-0.475736	No
TEX14	9.29	12.04	36.97	36.10	1.267249757	0.977051104	0.164034	-0.04515	No
FAM117A	0.67	1.49	6.29	7.50	1.491017964	1.166323141	0.611423	0.00544614	No
NCAPH	2.47	2.36	38.99	40.79	0.968299712	1.04499995	0	0	No
LRAT	21.69	10.2	0.55	0.55	0.49360952	0.996867106	-0.950625	0	No
TMEM131L	13.63	16.69	53.77	66.24	1.209159262	1.227654248	0.0916135	0.0426682	No
MND1	0.27	0.51	7.67	9.35	1.188976378	1.19430679	0.6025	0.0560612	No
TRIM6	5.92	5.56	<0.1	NA	0.947976879	NA	0	NA	No
ABCC11	2.68	1.73	5.10	5.47	0.741847826	1.060254588	-0.379997	0	No
TENT4B	5.75	8.07	14.17	18.87	1.343703704	1.309676492	0.301489	0.0666637	No
ADCY7	8.73	5.09	<0.1	NA	0.625899281	NA	-0.560197	NA	No
CEP89	5.98	8.35	10.71	13.84	1.339541547	1.267100436	0.212868	0.0032356	No
ECHDC2	9.22	7.73	0.19	0.20	0.854207436	1.010426652	-0.163242	0	No
PLBD1	5.05	5.36	14.17	16.41	1.051239669	1.147471281	0	0	No
PYROXD1	1.24	1.51	1.48	2.00	1.120535714	1.208844161	0	0.183468	No
BCL2L14	1.1	1.24	7.05	6.98	1.066666667	0.991105622	0	0	No
PSPC1	9.13	8.45	20.39	22.59	0.932872655	1.102895482	0	0	No
ZNF549	1.4	2.16	66.41	60.21	1.316666667	0.908097686	0.243822	-0.233365	No
A1BG	2.17	1.79	4.77	5.75	0.880126183	1.169099942	0	0	No
ZSCAN18	2.61	2.6	<0.1	NA	0.997229917	NA	0	NA	No
ZNF211	1.99	2.96	7.26	8.46	1.324414716	1.145083245	0.409449	0.00167575	No
LHX4	93.34	120.34	101.31	103.61	1.286198855	1.022499418	0.30143	-0.0679185	No
RNF2	4.29	4.55	7.30	9.40	1.049149338	1.252643002	0	0.0743019	No
TRMT1L	3.09	3.55	5.56	5.05	1.112469438	0.92152028	0	-0.185369	No
SEC22A	0.72	0.99	32.06	30.59	1.156976744	0.955517631	0	-0.154053	No
CSTA	7.99	10.85	12.40	15.53	1.318131257	1.233705739	0.225308	0	No
POPDC2	23.27	30.21	9.56	11.34	1.285949732	1.168770338	0.246785	0	No
B4GALT4	50.5	55.25	67.50	74.70	1.09223301	1.105072437	0.0830111	0	No

<i>NAA50</i>	0.41	0.59	1.73	2.63	1.127659574	1.328783318	0.134896	0.312863	No
<i>KIF18A</i>	0.5	0.34	8.63	8.83	0.893333333	1.020310109	0	0	No
<i>DES12</i>	5.76	13.77	20.08	21.21	2.184911243	1.053422813	0.948079	0	No
<i>MAPK8IP1</i>	11.11	12.6	8.04	8.98	1.123038811	1.1040431	0.0238465	0	No
<i>CRY2</i>	106.45	132.46	164.26	184.75	1.242066077	1.123963509	0.240571	0	No
<i>PEX16</i>	2.81	3.91	6.96	5.78	1.288713911	0.851171539	0.314292	-0.275625	No
<i>DEPDC7</i>	0.29	0.36	1.35	1.37	1.054263566	1.007502493	0	0	No
<i>CAT</i>	7.12	4.86	13.25	15.02	0.721674877	1.123993152	-0.378738	0	No
<i>PILRB</i>	3.31	3.69	6.75	8.04	1.088167053	1.166465282	0	0	No
<i>ZMYM2</i>	2.3	3.48	21.53	24.01	1.357575758	1.109892967	0.095883	0	No
<i>TBC1D15</i>	17.56	29.26	8.17	8.76	1.630387931	1.064467653	0.645472	0	No
<i>ADGRB2</i>	2.14	2.36	0.23	0.50	1.070063694	1.220338688	0	0.0413744	No
<i>ZCCHC17</i>	10.07	9.31	49.52	46.13	0.93134598	0.932809522	0	-0.116913	No
<i>FABP3</i>	8.59	8.64	38.76	42.97	1.005213764	1.105778749	0	0	No
<i>KHDRBS1</i>	1.32	1.74	1.99	2.51	1.181034483	1.174658812	0.00565975	0	No
<i>TMEM39B</i>	6.12	4.85	10.96	11.21	0.821629213	1.02104838	-0.109078	-0.0643037	No
<i>POLR3GL</i>	20.97	16.18	76.01	78.26	0.781975421	1.029215671	-0.30047	-0.0462208	No
<i>TNFSF10</i>	4.84	4.27	24.36	27.28	0.90239726	1.11497847	0	0	No
<i>ZNF639</i>	0.49	0.84	10.80	11.58	1.234899329	1.065943081	0.342252	0	No
<i>PIK3CA</i>	5.23	6.57	54.25	50.33	1.215088283	0.929139838	0.163548	-0.184584	No
<i>PDS5A</i>	6.18	10.18	25.36	28.80	1.557103064	1.130507754	0.454225	0	No
<i>TMEM156</i>	3.16	4.37	5.99	6.46	1.290865385	1.067672489	0.179304	0	No
<i>LIAS</i>	39.37	25.98	80.21	58.46	0.668318058	0.732149108	-0.521387	-0.520887	No
<i>TMEM54</i>	31.37	95.68	74.43	72.43	2.986716095	0.973539947	1.51323	-0.118992	No
<i>ZSCAN20</i>	2.26	2.64	5.34	6.74	1.116564417	1.220408926	0.0598766	0.0908421	No
<i>CSMD2</i>	5.41	6.7	9.24	10.34	1.20124805	1.107704632	0.0795618	0	No
<i>HPCA</i>	16.01	24.08	38.29	43.15	1.474426808	1.12362963	0.492406	0	No
<i>LRIF1</i>	29.69	22.7	19.37	21.46	0.772238514	1.102723658	-0.287687	0	No
<i>CLCC1</i>	2.14	2.47	2.61	3.10	1.105095541	1.135134757	0.0173305	0.0131876	No
<i>GPSM2</i>	9.29	9.64	15.54	17.49	1.034013605	1.118006157	0	0	No
<i>GTDC1</i>	1.14	1.84	5.86	7.47	1.327102804	1.234168526	0.403393	0.0128318	No
<i>ZRANB3</i>	0.83	1.57	2.19	2.66	1.404371585	1.148278684	0.538639	0	No
<i>ACVR2A</i>	3.62	3.25	1.39	3.68	0.91991342	1.956157086	0	0.864782	No
<i>POLK</i>	7.85	5.44	7.24	8.31	0.727683616	1.12933265	-0.36084	0	No
<i>RPL21</i>	2.17	1.8	4.62	5.66	0.883280757	1.185733367	0	0.0422626	No
<i>MTIF3</i>	0.26	0.28	0.97	1.37	1.015873016	1.201902655	0	0	No
<i>GTF3A</i>	0.2	0.36	0.45	0.24	1.133333333	0.857201359	0	-0.0820029	No
<i>RASL11A</i>	8.93	13.2	<0.1	NA	1.43001007	NA	0.40978	NA	No

UBL3	21.5	22.77	61.71	68.20	1.056444444	1.103515077	0	0	No
FYTDD1	1.42	3.04	19.67	18.79	1.669421488	0.957242718	0.802135	-0.138901	No
MTERF4	0.29	0.35	10.15	12.62	1.046511628	1.221526233	0	0	No
OCRL	3.57	3.11	3.84	4.54	0.899343545	1.145110557	0	0	No
MRPS2	12.6	12.69	78.82	77.61	1.006617647	0.984802481	0	-0.0125472	No
KIAA1191	6.2	8.55	9.94	10.90	1.326388889	1.087445163	0.211416	0	No
COPA	1.65	2.36	2.39	2.31	1.267924528	0.975039727	0.253892	0	No
RBBP6	13.33	18.59	1.83	1.61	1.367062107	0.923460114	0.333107	0	No
ZC3H7A	4.71	4.49	8.52	9.00	0.961471103	1.050292559	0	0	No
SERAC1	1.33	1.26	3.59	4.07	0.969957082	1.104614485	0	0	No
ANXA11	1.23	2	2.85	2.94	1.34529148	1.022364815	0.519909	0	No
LDB3	2.7	6.69	4.06	4.17	2.078378378	1.021922178	1.10677	0	No
PRXL2A	1.25	1.82	2.36	2.84	1.253333333	1.14364332	0.0725132	0	No
ZNF205	4.55	4.83	11.95	14.22	1.05045045	1.175044454	0	0.00028192	No
NAA60	6.87	7.98	9.90	11.08	1.141041931	1.108419417	0.0480852	0	No
RPL5	18.26	28.82	1.31	1.53	1.548286604	1.093833765	0.572111	0	No
ODF2L	2.44	2.58	30.41	30.97	1.040697674	1.017694603	0	-0.0316737	No
PTGFR	42.88	49.93	42.86	45.35	1.160665451	1.056852819	0.109385	0	No
SPATA1	0.29	0.63	<0.1	NA	1.263565891	NA	0	NA	No
TRMT13	0.23	0.72	5.97	6.15	1.398373984	1.02519988	0.613847	0	No
LRRC39	1.65	1.83	6.15	5.20	1.067924528	0.866447002	0	0	No
RWDD3	0.76	1.09	5.22	6.01	1.1875	1.126955227	0	0	No
ZNF644	11.47	9.92	18.26	22.07	0.875701684	1.197567462	-0.0679473	0.0200244	No
CCDC18	8.62	10.61	21.02	22.06	1.206860707	1.047073894	0.192095	0	No
RPAP2	0.77	1.09	3.48	4.22	1.18079096	1.16629116	0.19463	0	No
SLC66A2	26.4	30.91	22.66	25.22	1.16459854	1.10802834	0.0574334	0	No
BBS9	0.99	0.82	<0.1	NA	0.914572864	NA	0	NA	No
PMS2	4.89	4.94	20.61	26.30	1.008488964	1.263227416	0	0.0936634	No
ZMIZ2	0.65	0.95	0.93	1.17	1.181818182	1.126018756	0.215829	0	No
SEPTIN7	1.33	0.8	0.94	1.14	0.772532189	1.104272947	-0.292146	0	No
EEPD1	99.97	87.67	110.84	103.27	0.878181638	0.932282975	-0.143877	-0.187625	No
KLHL7	0.8	0.91	1.80	2.00	1.061111111	1.072650669	0	0	No
HERPUD2	0.51	0.67	2.01	2.33	1.105960265	1.107357552	0	0	No
CBX3	1.39	2.75	20.75	22.98	1.569037657	1.102488387	0.36651	0	No
HNRNPA2B1	6.95	5.03	35.96	40.19	0.758490566	1.114323101	-0.307566	0	No
WIPF3	4.85	5.91	0.70	0.85	1.181196581	1.089016644	0.12809	0	No
FAM126A	2.73	3.07	3.10	2.95	1.091152815	0.962659366	0	0	No
HOXA7	11.65	12	14.83	14.82	1.027667984	0.999512983	0	-0.0157627	No

INHBA	0.69	0.8	6.24	7.38	1.065088757	1.157821729	0	0	No
FKBP9	14.35	16.25	20.36	22.82	1.123778502	1.115172668	0.0868364	0	No
NT5C3A	25.42	30.43	14.66	17.50	1.189629069	1.181513033	0.117643	0	No
ARL4A	5.74	4	20.61	21.47	0.741839763	1.039993311	-0.336835	0	No
CCZ1	51.19	44.2	311.25	281.12	0.866066296	0.903511777	-0.112142	-0.24917	No
POLM	33.85	34.26	28.87	30.48	1.011764706	1.053844645	0	-0.0028121	No
MRM2	52.38	31.21	147.42	140.72	0.603409517	0.95486895	-0.665688	-0.120857	No
TWIST1	1.87	2.99	<0.1	NA	1.390243902	NA	0.449682	NA	No
SMU1	96.42	59.7	189.72	195.48	0.623075344	1.030226888	-0.649823	-0.0371303	No
GLIPR2	4.65	7.01	17.54	22.28	1.417699115	1.255737746	0.400921	0.0855701	No
SLC25A51	10.76	12	6.01	5.82	1.105442177	0.973378862	0	0	No
CLTA	22.98	31.61	0.74	0.62	1.359883236	0.929870253	0.356427	0	No
RECK	72.62	73.8	305.56	315.05	1.016028253	1.030971641	0	-0.0480635	No
SPINK4	9.38	9.68	26.57	27.91	1.028901734	1.048720745	0	0	No
ACO1	12.98	9.28	45.05	42.22	0.735336195	0.938473343	-0.371143	-0.175112	No
DCAF10	6.81	5.64	11.07	10.12	0.850192061	0.920959598	-0.0548787	-0.105828	No
CNTFR	1.07	2.07	5.25	5.20	1.483091787	0.991229781	0.766193	0	No
KIAA1549	1.84	1.69	15.95	17.86	0.947183099	1.112804087	0	0	No
TRIM24	24.21	29.77	25.68	29.50	1.220547402	1.143176522	0.168781	0	No
CYREN	46.47	46.06	<0.1	NA	0.991362966	NA	0	NA	No
CALD1	11.78	11.61	26.90	30.83	0.986697966	1.140761027	0	0	No
PLAU	93.7	86.89	123.47	143.07	0.928088701	1.157492734	-0.0471315	0.00197727	No
CHST3	2.31	3.58	5.78	6.51	1.383685801	1.108241699	0.416511	0	No
BICC1	40.33	32.49	10.38	10.12	0.810307283	0.977587547	-0.198754	-0.0771601	No
CISD1	40.72	28.95	77.05	85.91	0.717881112	1.113509363	-0.371453	0	No
ECD	2.04	3.18	1.73	2.25	1.375	1.191263053	0.291499	0.00671552	No
P4HA1	2.34	3.04	5.41	6.98	1.209580838	1.244893218	0.193015	0.0996245	No
SLC25A16	19.06	18.58	147.33	148.90	0.976071785	1.01056458	0	-0.109725	No
ZWINT	0.28	0.71	15.78	14.43	1.3359375	0.919680825	0.482846	-0.155836	No
VPS26A	5.41	7.24	6.88	8.06	1.28549142	1.149943218	0.293714	0	No
RBM19	26.19	22.86	85.77	77.07	0.877528503	0.899736997	-0.122895	-0.257937	No
CIT	66.37	40.85	150.60	142.42	0.621196378	0.946036033	-0.570169	-0.110023	No
IFT81	21.38	21.1	132.03	107.69	0.987488829	0.817019381	0	-0.387482	No
ACADS	0.61	0.84	1.40	1.97	1.142857143	1.237359218	0.210879	0.0208343	No
NME2P1	32.74	41.3	132.21	115.40	1.253704801	0.873818067	0.203297	-0.270556	No
DDX54	33.16	73.45	0.21	0.53	2.179449649	1.267829024	1.0562	0	No
MED13L	4.44	11.17	12.74	13.37	2.237132353	1.045860317	1.00344	0	No
CDKN2C	0.37	0.29	2.41	3.07	0.941605839	1.19369338	0	0.0256198	No

<i>RNF11</i>	29.87	28.39	186.44	173.86	0.952057013	0.932875096	0	-0.167687	No
<i>RASSF8</i>	0.75	2.82	0.43	0.48	2.182857143	1.033200003	1.52474	0	No
<i>BHLHE41</i>	8.62	6.86	24.19	24.66	0.817047817	1.018698334	-0.188159	0	No
<i>SSPN</i>	42.45	42.01	76.16	63.83	0.989873418	0.840168925	0	-0.36556	No
<i>ITPR2</i>	18.27	20.16	38.34	42.85	1.098079917	1.114515826	0.0636294	0	No
<i>CCDC91</i>	31.25	35.57	64.51	65.13	1.133953488	1.009392044	0.0735099	-0.0498931	No
<i>WWP1</i>	20.79	20.85	12.83	14.55	1.002753557	1.124242877	0	0	No
<i>ACOT9</i>	20.99	17.72	12.98	13.80	0.851296044	1.058459079	-0.0980981	0	No
<i>PRDX4</i>	0.79	1.03	4.72	4.99	1.134078212	1.047903184	0	0	No
<i>DDX39A</i>	0.65	0.3	6.18	6.88	0.787878788	1.097775525	-0.124834	0	No
<i>PKN1</i>	95.89	124	35.69	33.85	1.29012282	0.949844275	0.294761	-0.0413189	No
<i>TRIR</i>	19.71	17.57	2.34	2.75	0.896668276	1.122184846	-0.0454848	0	No
<i>ADGRE5</i>	1.02	1.87	3.86	4.46	1.420792079	1.124225307	0.58448	0	No
<i>WDR83</i>	3.66	2.76	5.71	7.16	0.806866953	1.216339017	0	0	No
<i>GIPC1</i>	1.82	2.2	<0.1	NA	1.134751773	NA	0.0120505	NA	No
<i>SPRYD7</i>	4.22	5.86	23.34	24.57	1.314176245	1.050369935	0.281494	0	No
<i>EBPL</i>	45.54	59.41	38.53	44.82	1.298023206	1.159192256	0.249021	0	No
<i>ATP7B</i>	9.5	10.81	54.80	65.37	1.124761905	1.189506955	0.0691505	0.0936366	No
<i>ZC3H13</i>	10.36	24.22	0.84	0.90	2.220070423	1.034549318	1.03982	0	No
<i>GUCY1B2</i>	1.5	3.35	6.14	5.82	1.74	0.95577326	0.725045	0	No
<i>NLN</i>	0.21	0.93	8.63	10.62	1.595041322	1.206459263	0.927165	0	No
<i>CENPK</i>	29.12	34.89	51.18	50.93	1.191567065	0.995298565	0.164898	-0.0949285	No
<i>OPTN</i>	0.81	0.77	4.58	4.95	0.977900552	1.066188187	0	0	No
<i>ATF1</i>	2.19	4.22	13.14	16.61	1.636363636	1.245505414	0.705342	0.085371	No
<i>TSFM</i>	6.67	8.22	19.08	18.72	1.20208605	0.982272316	0.106016	-0.0613632	No
<i>MMP19</i>	7.1	8.11	7.67	12.66	1.124691358	1.575258405	0	0.376569	No
<i>PFDN5</i>	0.49	3.71	2.44	2.89	3.161073826	1.129397974	2.14953	0	No
<i>SPATS2</i>	4.84	6.61	17.43	20.83	1.303082192	1.184484851	0.304304	0.0115637	No
<i>ORMDL2</i>	2.58	2.48	17.27	15.35	0.972067039	0.895052936	0	-0.248488	No
<i>NR4A1</i>	36	32.58	24.74	25.07	0.907567568	1.013014048	-0.0492848	-0.0262072	No
<i>HOXC13</i>	19.17	23.68	<0.1	NA	1.223599405	NA	0.119235	NA	No
<i>CDK2</i>	38.83	43.42	84.57	75.17	1.115239769	0.89018826	0.0863949	-0.277406	No
<i>LRP1</i>	3.84	2.17	5.95	5.38	0.654958678	0.918660118	-0.484348	-0.114197	No
<i>HOXC11</i>	0.92	1.07	0.41	0.44	1.078125	1.024300616	0	0	No
<i>ATG101</i>	37.55	29.62	56.31	53.68	0.794293126	0.954109869	-0.229736	-0.106891	No
<i>NFE2</i>	2	4.1	11.58	12.48	1.7	1.071452516	0.740585	0	No
<i>IKZF4</i>	6.46	7.65	47.09	45.30	1.159517426	0.962842723	0.0142085	-0.108164	No
<i>SMUG1</i>	2.01	2.77	32.25	38.65	1.252491694	1.192451382	0.174722	0.0214081	No

<i>TUBA1B</i>	4.32	5.54	8.69	9.18	1.229323308	1.050124942	0.123785	0	No
<i>EEF1AKMT3</i>	2.17	2.84	7.39	8.21	1.211356467	1.097843872	0.0768167	0	No
<i>KBTBD4</i>	0.85	3.56	98.22	98.78	2.464864865	1.005612154	1.68511	-0.0888753	No
<i>ATPAF1</i>	6.36	6.61	12.81	14.25	1.033967391	1.104048623	0	0.00126769	No
<i>STIL</i>	0.22	1.21	<0.1	NA	1.81147541	NA	1.63338	NA	No
<i>HJURP</i>	2.24	2.74	4.68	5.36	1.154320988	1.120459667	0.0912765	0	No
<i>IL13RA2</i>	0.43	1.87	36.03	35.75	2.006993007	0.992408559	1.535	-0.0835378	No
<i>AMD1</i>	0.72	0.98	0.81	1.15	1.151162791	1.185124922	0.0367988	0	No
<i>NDUFAF4</i>	2.02	3.5	41.44	37.22	1.490066225	0.900458835	0.523832	-0.243634	No
<i>USP45</i>	0.69	0.52	49.67	60.71	0.899408284	1.217938286	0	0.0632861	No
<i>MORF4L2</i>	0.22	1.96	3.54	4.61	2.426229508	1.234718593	2.35716	0.138297	No
<i>FAM199X</i>	2.05	1.4	31.57	33.75	0.786885246	1.066785712	-0.235597	0	No
<i>RAB9A</i>	9.12	11.13	9.01	9.38	1.198616601	1.036859028	0.153895	0	No
<i>METTL8</i>	6.4	11.03	28.34	29.30	1.625675676	1.032869709	0.60838	-0.0033498	No
<i>TTC21B</i>	4.03	3.25	<0.1	NA	0.844930417	NA	-0.0755936	NA	No
<i>NMI</i>	5.57	9.61	1.04	1.28	1.614916286	1.119078772	0.619039	0	No
<i>TNFAIP6</i>	34.64	32.86	61.25	59.70	0.950056117	0.975073618	0	-0.0618595	No
<i>BAZ2B</i>	1.24	3.96	<0.1	NA	2.214285714	NA	1.19223	NA	No
<i>SLC36A1</i>	16.34	15.37	19.13	20.77	0.944059977	1.081289384	0	0	No
<i>LPGAT1</i>	3.3	4.87	7.80	7.22	1.365116279	0.934390386	0.452997	-0.0833669	No
<i>BATF3</i>	46.85	46.83	15.82	17.25	0.999582027	1.085215884	0	0	No
<i>GOS2</i>	0.12	0.17	<0.1	NA	1.044642857	NA	0	NA	No
<i>RAP2C</i>	2.25	1.98	4.74	5.23	0.916923077	1.086162532	0	0	No
<i>EXOSC9</i>	14.9	17.64	16.11	19.28	1.172327044	1.185271308	0.0976722	0.0147969	No
<i>PLA2G12A</i>	2.44	3.26	3.11	3.75	1.238372093	1.155690428	0.194056	0	No
<i>B9D2</i>	3.19	5.04	3.01	3.92	1.441527446	1.226129772	0.436748	0.0573795	No
<i>COQ8B</i>	5.62	7.89	6.40	8.09	1.342900302	1.227937381	0.286228	0.0733622	No
<i>PFKFB2</i>	19.11	12.19	2.62	3.95	0.655892591	1.367487894	-0.510973	0.12953	No
<i>C4BPB</i>	7.66	4.66	<0.1	NA	0.653579677	NA	-0.512414	NA	No
<i>ZNF137P</i>	0.53	0.76	3.02	3.05	1.150326797	1.006585897	0	-0.0653164	No
<i>RAB38</i>	0.33	1.03	28.76	24.56	1.526315789	0.85890576	0.898388	-0.269037	No
<i>AGO2</i>	1.81	1.33	4.34	4.43	0.829181495	1.016087695	-0.0628499	0	No
<i>MXD4</i>	6.19	8.64	6.41	8.39	1.340751043	1.266563328	0.324482	0	No
<i>CKS2</i>	5.44	5.54	18.04	21.03	1.01552795	1.156840655	0	0	No
<i>DAW1</i>	20.78	20.18	6.73	7.98	0.972451791	1.16181961	0	0	No
<i>ACSL3</i>	8.92	5.89	17.65	15.89	0.694556452	0.905406632	-0.424808	-0.136896	No
<i>CHPF</i>	15.86	22.43	12.92	16.75	1.389679715	1.275414828	0.3723	0.0160777	No
<i>DNPEP</i>	49.24	31.8	0.33	2.26	0.652866242	2.450248803	-0.486604	1.55669	No

<i>INHA</i>	29.35	25.78	32.45	36.61	0.882372323	1.124305576	-0.115877	0	No
<i>OBSL1</i>	6.38	6.34	29.33	35.87	0.994579946	1.215481786	0	0.0903536	No
<i>SLC12A4</i>	40.84	26.66	146.78	129.62	0.661089866	0.883854662	-0.511601	-0.250697	No
<i>ENKD1</i>	9.39	5.33	168.63	162.69	0.609239654	0.964955881	-0.655703	-0.183336	No
<i>GCNT7</i>	32.07	43.3	97.16	72.36	1.339582703	0.747376746	0.362725	-0.522383	No
<i>HMGB1P1</i>	32.29	33.71	59.24	57.28	1.042655452	0.967460088	0	-0.0961258	No
<i>FAM210B</i>	148.58	133.18	493.26	384.59	0.897045059	0.780132522	-0.0926465	-0.452755	No
<i>PI3</i>	7.59	9.53	15.74	18.31	1.225844005	1.153501196	0.160796	0	No
<i>SNX21</i>	46.76	39.02	149.20	151.35	0.837939698	1.014326095	-0.167488	-0.0847595	No
<i>SLPI</i>	25.92	16.65	83.29	64.92	0.65564636	0.78209306	-0.513486	-0.46945	No
<i>WFDC3</i>	19.27	13.88	35.77	30.36	0.734089788	0.852793394	-0.30987	-0.294438	No
<i>TTPAL</i>	0.14	0.27	0.43	0.56	1.114035088	1.088424457	0	0	No
<i>PREX1</i>	57.9	55.59	66.15	60.32	0.960780985	0.913203641	0	-0.1696	No
<i>KCNS1</i>	22.38	22.78	<0.1	NA	1.01710864	NA	0	NA	No
<i>SLC12A5</i>	6.45	8.04	4.84	5.03	1.213422819	1.032774807	0.107535	0	No
<i>ARHGAP40</i>	4.53	6.3	2.64	2.95	1.320072333	1.085965609	0.247012	0	No
<i>SDC4</i>	9.58	14.57	3.95	5.81	1.471644612	1.374758244	0.409567	0	No
<i>NCOA3</i>	3.6	3.12	9.75	10.69	0.895652174	1.087903425	-0.0045536	0	No
<i>PIGT</i>	8.27	8.66	15.00	16.47	1.042071197	1.091857538	0	0	No
<i>MATN4</i>	10.92	11.48	73.51	68.90	1.046979866	0.938189952	0	-0.181734	No
<i>NCOA5</i>	130.83	141.2	3.26	4.12	1.078661913	1.201871964	0.0535698	0.0734003	No
<i>VAPB</i>	18.77	16.58	29.91	33.15	0.8892261	1.1048499	-0.109659	0	No
<i>PARD6B</i>	100.82	102.73	9.47	13.52	1.018758594	1.387206267	0	0.221888	No
<i>ATP5F1E</i>	7.45	8.71	7.85	10.78	1.149112426	1.331000316	0.0857168	0.107399	No
<i>CHD6</i>	3.26	1.31	2.30	2.09	0.542253521	0.937170948	-0.961188	-0.0616989	No
<i>PLCG1</i>	8.21	5.97	14.49	13.30	0.756786102	0.92310695	-0.217737	-0.134959	No
<i>TOX2</i>	0.51	0.98	4.27	5.75	1.311258278	1.280416541	0.597828	0.105413	No
<i>SRSF6</i>	203.47	155.78	81.91	88.00	0.76676285	1.073429641	-0.331005	0	No
<i>ARFGEF2</i>	8.24	14.08	21.65	21.41	1.632034632	0.989624296	0.646914	-0.0395295	No
<i>ZNFX1</i>	35.04	29.18	<0.1	NA	0.837402886	NA	-0.176972	NA	No
<i>CSE1L</i>	2.23	3.39	<0.1	NA	1.359133127	NA	0.398283	NA	No
<i>RAB22A</i>	1.65	2.81	2.37	3.38	1.437735849	1.300836074	0.487504	0.161647	No
<i>PTGIS</i>	7.78	7.63	25.11	22.08	0.982915718	0.883875052	0	-0.124106	No
<i>STAU1</i>	11.73	7.28	37.51	41.89	0.65043205	1.113715806	-0.548382	0	No
<i>CDH26</i>	1.04	1.14	3.10	3.52	1.049019608	1.102023317	0	0	No
<i>SNAI1</i>	2.39	3.25	9.73	10.42	1.253687316	1.064570243	0.225096	0	No
<i>MOCS3</i>	42.39	38.42	144.90	150.68	0.908504264	1.039600992	-0.0727956	-0.0132018	No
<i>STX16</i>	4.49	5.28	19.73	19.94	1.143897996	1.010030857	0.0262777	0	No

PPP4R1L	0.17	0.34	7.03	5.42	1.145299145	0.799048874	0.243999	-0.376288	No
PMEPA1	28.43	32.26	18.45	19.47	1.130139314	1.052483807	0.0690286	0	No
RNF114	15.29	14.38	110.88	106.40	0.944137508	0.959951987	0	-0.145189	No
DDX27	7.5	9.05	9.50	12.71	1.182352941	1.305336659	0.108247	0.124549	No
BCAS4	1.35	1.72	3.54	3.97	1.157446809	1.095217324	0.115965	0	No
KCNK15	4.88	6.9	73.41	61.02	1.343537415	0.833501804	0.386804	-0.382557	No
TP53TG5	7.84	10.51	24.81	22.10	1.302036199	0.89487616	0.316142	-0.278473	No
NEURL2	23.42	43.29	31.24	34.64	1.813677314	1.105572245	0.744868	0	No
MTRR	18.4	17	22.62	23.54	0.927835052	1.038887291	0	0	No
FASTKD3	5.29	5.21	7.18	8.26	0.987281399	1.132430748	0	0	No
PEPD	2.86	4.07	<0.1	NA	1.313471503	NA	0.138456	NA	No
CHST8	7.24	8.77	19.77	18.28	1.185679612	0.928320079	0.155051	-0.0869694	No
IQSEC2	6.29	4.55	44.91	41.28	0.761316872	0.920855364	-0.185937	-0.218122	No
VAMP7	32.88	44.01	35.11	32.21	1.328512397	0.919752577	0.353376	-0.22009	No
XG	3.39	5.73	5.09	5.52	1.533029613	1.070318854	0.458749	0	No
STAMBP	6.93	6.1	<0.1	NA	0.895334174	NA	-0.0267968	NA	No
NAGK	6.78	5.81	13.31	17.67	0.875321337	1.304338061	-0.0828434	0.111889	No
MCEE	149.74	147.74	186.89	245.34	0.986732122	1.311099084	0	0.216922	No
PAIP2B	0.69	1.6	0.16	0.46	1.538461538	1.25497352	0.54126	0	No
SNRNP27	2.17	2.82	6.76	6.50	1.205047319	0.966627002	0.124739	0	No
MPHOSPH1C	18.29	19.42	76.99	66.62	1.058579575	0.867033966	0.00137751	-0.286431	No
IL17C	1.65	2.49	4.09	4.51	1.316981132	1.083275081	0.455165	0	No
NDUFB4P12	4.46	5.59	3.51	2.90	1.206959707	0.865599656	0.0716537	-0.0531333	No
ATP8A1	4.42	7.12	6.62	8.39	1.498154982	1.232310263	0.364692	0	No
USP22	337.08	205.68	1151.18	1233.89	0.611334595	1.071786349	-0.656269	0	No
ZNF576	3.53	5.04	11.03	9.47	1.333333333	0.870158625	0.312638	-0.214983	No
IRGC	4.61	7	11.41	12.70	1.426024955	1.103899409	0.382149	0	No
ZNF45	4.6	6.92	1.52	1.27	1.414285714	0.899726669	0.422605	-0.156505	No
LYPD3	9.06	6.99	7.49	7.84	0.794234592	1.040726707	-0.235904	-0.0274196	No
USP9X	5.26	4.49	0.96	0.92	0.876996805	0.978859384	0	0	No
GRM4	2.27	1.86	3.01	3.51	0.874617737	1.124836571	-0.044	0	No
TRERF1	1.7	2.5	4.71	4.41	1.296296296	0.946653665	0.307206	-0.118341	No
PACSLN1	0.52	0.84	2.35	3.01	1.210526316	1.197769594	0.0832225	0.0189224	No
BTN2A2	0.67	0.71	44.35	49.22	1.023952096	1.107347978	0	0	No
SIRT5	0.57	0.31	1.02	0.90	0.834394904	0.938207152	0	-0.184962	No
MRS2	14.1	13.98	10.33	11.89	0.99205298	1.138087627	0	0	No
WRNIP1	2.45	3.23	4.52	5.91	1.226086957	1.252464006	0.123424	0.0981915	No
RRP36	1.99	3.51	7.78	8.71	1.508361204	1.105393106	0.58063	0	No

<i>BTN2A3P</i>	45.76	34.6	65.85	78.89	0.761334474	1.195056436	-0.230053	0.0524662	No
<i>SNRPC</i>	0.27	0.46	0.88	1.41	1.149606299	1.280236433	0.0407388	0	No
<i>SERPINB6</i>	3.91	5.08	5.50	5.80	1.238289206	1.046243535	0.168135	0	No
<i>XPO5</i>	1.97	2.47	7.79	8.82	1.168350168	1.11752806	0.159589	0	No
<i>ABCC10</i>	0.14	0.49	8.59	10.39	1.307017544	1.187324487	1.0174	0	No
<i>H1-3</i>	1.64	3.14	4.67	5.05	1.568181818	1.066280079	0.694712	0	No
<i>PEX6</i>	43.02	45.38	39.61	39.00	1.053611995	0.984963646	0	0	No
<i>NQO2</i>	0.82	2.12	2.44	3.16	1.714285714	1.21030262	1.04756	0.0217907	No
<i>AL365205.1</i>	6.86	5.56	10.94	13.13	0.834605598	1.183766162	-0.0648891	0	No
<i>OARD1</i>	13.07	12.51	6.33	6.54	0.960199005	1.027996473	0	0	No
<i>UNC5CL</i>	3.32	3.97	16.60	16.58	1.150462963	0.998816499	0.0831373	-0.0004134	No
<i>AARS2</i>	0.83	0.35	1.44	1.58	0.737704918	1.058731408	-0.810968	0	No
<i>ZNF391</i>	1.06	2.03	<0.1	NA	1.470873786	NA	0.608887	NA	No
<i>RPS10</i>	0.46	0.79	4.00	4.45	1.226027397	1.090719973	0.22751	0	No
<i>MOCS1</i>	69.89	55.79	307.05	280.13	0.801100296	0.912616279	-0.177991	-0.25863	No
<i>H2BC11</i>	4.98	6.53	12.40	12.80	1.259197324	1.029994381	0.157764	0	No
<i>MED20</i>	348.35	275.04	99.10	108.77	0.790153142	1.096607705	-0.293421	0	No
<i>TBCC</i>	23.25	15.87	8.42	8.22	0.695670103	0.978869018	-0.459588	-0.0307067	No
<i>SPDEF</i>	0.5	0.46	0.69	0.87	0.973333333	1.107512891	0	0	No
<i>MAD2L1BP</i>	250.82	251.41	114.89	117.44	1.002342943	1.022004537	0	-0.0475887	No
<i>KLHDC3</i>	7.74	8.79	12.42	11.29	1.1201373	0.915539017	0	-0.139128	No
<i>GNMT</i>	1.58	2.1	5.53	5.45	1.201550388	0.987780605	0.071085	0	No
<i>MEA1</i>	0.68	1.45	<0.1	NA	1.458333333	NA	0.617475	NA	No
<i>CDKN1A</i>	1.22	0.92	2.77	3.40	0.864864865	1.166300151	0	0	No
<i>SOX4</i>	36.53	21.99	46.94	48.69	0.612576605	1.036466974	-0.628219	-0.0343312	No
<i>GLO1</i>	343.79	210.17	<0.1	NA	0.612459758	NA	-0.662265	NA	No
<i>CPNE5</i>	9.51	7.25	63.76	73.83	0.784966698	1.155493951	-0.223942	0.00083108	No
<i>RREB1</i>	3.38	3.82	15.02	14.38	1.100456621	0.959985515	0	-0.101928	No
<i>SSR1</i>	3	4.29	10.34	9.50	1.3225	0.925577724	0.187328	0	No
<i>RIOK1</i>	14.94	30.19	<0.1	NA	1.956712673	NA	0.926326	NA	No
<i>NRN1</i>	9.32	14.53	14.34	16.27	1.504844961	1.125753884	0.529607	0	No
<i>SLC35B3</i>	0.66	0.46	0.48	0.49	0.879518072	1.003453086	-0.0747328	0	No
<i>RPP40</i>	6.71	6.87	19.73	20.94	1.02075227	1.058160456	0	0	No
<i>ATXN1</i>	1.37	1.36	16.00	14.12	0.995780591	0.889659862	0	-0.117904	No
<i>NUP153</i>	1.88	1.7	5.84	5.03	0.9375	0.882063973	0	-0.129901	No
<i>DEK</i>	0.41	0.33	0.63	0.68	0.943262411	1.031474432	0	0	No
<i>EEF1E1</i>	6.03	6.16	1.42	1.73	1.018492176	1.129656913	0	0	No
<i>RUNX2</i>	0.84	1.03	1.34	1.53	1.10326087	1.081136974	0	0	No

<i>LRRFIP1</i>	43.54	41.33	54.77	64.99	0.950381679	1.183336968	0	0	No
<i>RAB17</i>	12.59	11.81	10.12	11.28	0.942604857	1.104248498	0	0	No
<i>CXCL6</i>	0.55	0.53	17.77	18.27	0.987096774	1.026489133	0	0	No
<i>EREG</i>	12.14	19.44	14.34	14.39	1.555555556	1.003415085	0.518702	0	No
<i>MYRF-AS1</i>	3.5	6.74	<0.1	NA	1.72	NA	0.761574	NA	No
<i>MYRF</i>	4.45	2.51	5.63	5.80	0.644036697	1.026204845	-0.559893	0	No
<i>AHNAK</i>	0.67	0.9	7.19	8.17	1.137724551	1.120141161	0.0936336	0	No
<i>EMC3</i>	5.61	9.69	32.56	35.23	1.617246596	1.079689368	0.628344	0	No
<i>SSUH2</i>	7.37	10.59	30.78	34.44	1.384707288	1.115027898	0.329785	0	No
<i>SH3TC1</i>	2.14	2.52	2.55	2.77	1.121019108	1.061445237	0	0	No
<i>CNOT1</i>	12.06	19.1	3.37	4.05	1.539050536	1.155645249	0.555684	0.00783539	No
<i>LRRC29</i>	1.93	0.99	8.67	8.20	0.679180887	0.951700591	-0.634696	-0.0693502	No
<i>BBS2</i>	11.74	10.59	5.76	7.67	0.909733124	1.283249462	-0.002919	0.122848	No
<i>MT2A</i>	5.57	7.67	14.54	16.31	1.319634703	1.113771357	0.318871	0	No
<i>C16orf70</i>	14.75	15.22	13.87	15.38	1.02984127	1.101213725	0	0	No
<i>GOT2</i>	105.06	87.04	29.40	30.08	0.830096172	1.022248901	-0.219232	-0.0232399	No
<i>DOK4</i>	6.24	8.11	12.08	12.05	1.258287293	0.997889849	0.254601	-0.0115468	No
<i>CLYBL</i>	24.62	36.99	5.85	6.02	1.482825917	1.025149957	0.472913	0	No
<i>TMTC4</i>	4.78	6.07	<0.1	NA	1.223183391	NA	0.0450983	NA	No
<i>RAP2A</i>	84.58	100.87	59.44	61.02	1.190348212	1.026101528	0.183208	-0.0206908	No
<i>ABCC4</i>	99.61	120.57	152.04	137.54	1.208329192	0.905266414	0.225162	-0.261431	No
<i>EFNB2</i>	52.16	57.68	<0.1	NA	1.103837472	NA	0.0827201	NA	No
<i>TM9SF2</i>	10.8	15.1	22.72	23.95	1.36440678	1.051876126	0.31802	0	No
<i>HROB</i>	25.24	21.54	20.42	23.86	0.858993902	1.160706112	-0.118945	0.0181476	No
<i>IRF1</i>	2.58	3.75	12.29	10.46	1.326815642	0.862550344	0.335228	-0.310271	No
<i>UPF3B</i>	7.3	10.82	2.49	3.13	1.424096386	1.184325952	0.377448	0	No
<i>RNF113A</i>	9.58	11.96	5.14	5.73	1.224952741	1.096632062	0.218973	0	No
<i>SEPTIN6</i>	22.42	24.04	19.18	18.85	1.069171648	0.983752217	0.0118689	-0.106826	No
<i>NDUFA1</i>	11.17	12.31	37.96	39.63	1.093672966	1.042812449	0	0	No
<i>DMAC2L</i>	25.85	30	4.62	4.05	1.154562384	0.899042653	0.0786456	-0.141257	No
<i>BMP4</i>	12.69	15.71	13.45	14.29	1.220598977	1.058455021	0.168541	0	No
<i>PTGER2</i>	87.7	93.58	47.69	49.56	1.066290868	1.038351456	0	0	No
<i>FAM193A</i>	10.56	19.33	8.47	8.59	1.758650519	1.013103803	0.667397	0	No
<i>SOX9</i>	6.39	6.97	6.42	7.59	1.078484438	1.157113512	0	0	No
<i>HS3ST3B1</i>	21.35	27.06	10.27	10.44	1.255480984	1.015045034	0.218328	0	No
<i>SLC25A35</i>	15.81	14.59	21.71	22.74	0.927424152	1.045233847	-0.0068649	0	No
<i>MRPS7</i>	2.88	2.3	6.35	5.34	0.850515464	0.861968908	-0.0678992	-0.177888	No
<i>GGA3</i>	15.03	13.9	6.30	8.73	0.929507174	1.332308515	0	0.0639442	No

ARMC7	6.51	3.9	12.14	10.47	0.652463382	0.872737857	-0.581449	-0.303001	No
NUP85	22.84	25.93	8.96	9.12	1.129614094	1.016562763	0.0535966	0	No
SLC25A19	1.43	1.83	6.63	6.34	1.164609053	0.96245492	0.0738332	-0.0497784	No
MIF4GD	2.4	4.54	22.89	26.41	1.629411765	1.147205067	0.621176	0	No
NT5C	5.03	7.46	16.97	16.86	1.402985075	0.994105134	0.364752	-0.11978	No
MSTO1	9.6	7.92	12.13	9.84	0.841509434	0.825885942	-0.0630182	-0.315349	No
C1orf61	3.05	3.96	10.80	11.98	1.224691358	1.099625995	0.224572	0	No
TTF1	2.27	5.85	4.11	5.54	2.094801223	1.280459466	1.11056	0	No
GTF3C4	8.57	10.56	18.62	18.89	1.207941484	1.013975997	0.137993	0	No
DDX31	18.92	16.3	91.48	107.11	0.868473896	1.169006732	-0.0081896	0	No
PPP1R12C	0.34	0.46	<0.1	NA	1.089552239	NA	0	NA	No
MBOAT7	5.7	10.17	23.76	24.65	1.667164179	1.035887367	0.711784	-0.0020535	No
SRMS	7.92	9.86	14.70	15.82	1.217488789	1.071227818	0.0417194	0	No
SLC2A4RG	4.06	3.12	4.99	4.94	0.814229249	0.990906278	-0.0938964	0	No
FNDC11	78.53	46.87	51.92	49.24	0.601911228	0.949360898	-0.6557	-0.0328174	No
PPDPF	0.69	0.69	0.71	0.68	1	0.984108135	0	0	No
IL1B	33.47	36.45	9.40	7.81	1.086451987	0.847084189	0.0323506	-0.273418	No
CHCHD5	14.07	12.16	24.39	24.48	0.873258129	1.003719529	-0.0145425	-0.0019369	No
PAX8	8.79	8.17	10.00	10.56	0.936670072	1.050928941	0	0	No
INSIG2	1.3	1.53	1.86	1.88	1.1	1.005360874	0	0	No
POLR1B	2.9	2.58	5.85	6.07	0.917948718	1.031410186	0	0	No
CCDC93	0.16	0.53	0.72	1.11	1.318965517	1.229112408	0.723368	0	No
PSD4	3.92	5.14	7.16	8.78	1.24796748	1.199073971	0.215574	0	No
SLC25A23	29.73	25.81	37.37	39.27	0.872437358	1.049390593	-0.10618	-0.0161234	No
PSPN	0.21	0.15	<0.1	NA	0.950413223	NA	0	NA	No
GTF2F1	0.15	0.31	0.25	0.26	1.139130435	1.004256096	0.266498	0	No
ALKBH7	11.24	11.14	59.48	71.06	0.991830065	1.19153362	0	0	No
CLPP	5.28	4.61	30.20	40.11	0.893312102	1.317699766	-0.0513769	0.211937	No
TNFSF9	3.72	2.14	4.76	5.14	0.665254237	1.066696358	-0.539908	0	No
THOC2	12.2	10.35	29.19	27.74	0.859848485	0.951891577	-0.0967614	-0.102969	No
MED1	0.62	0.73	4.73	4.90	1.067901235	1.029351828	0	0	No
RPL23	2.23	1.91	14.15	15.15	0.900928793	1.066088514	0	0	No
ATG4C	0.48	0.56	16.29	16.14	1.054054054	0.991254549	0	-0.0451249	No
CD70	1.81	3.22	7.71	7.83	1.501779359	1.013902761	0.542991	0	No
C3	9.14	11.11	9.03	9.66	1.194280079	1.063136838	0.131392	0	No
SH2D3A	2.02	2.15	1.75	1.31	1.043046358	0.840424454	0	-0.275073	No
TRIP10	1.64	2.47	11.12	11.83	1.314393939	1.058804757	0.362755	0	No
GPR108	31.22	23.31	24.35	25.16	0.75450031	1.031877475	-0.325765	0	No

<i>FOSB</i>	0.68	0.88	2.67	2.86	1.119047619	1.051252054	0.00043675	0	No
<i>OPA3</i>	0.7	2.42	<0.1	NA	2.011764706	NA	0.989739	NA	No
<i>SNRPD2</i>	7.89	7.72	8.81	9.87	0.98087739	1.107719264	0	0	No
<i>RTN2</i>	15.22	14.67	4.05	4.71	0.966091245	1.129798127	0	0	No
<i>EML2</i>	5.35	4.47	12.41	13.89	0.861417323	1.110559987	-0.0337403	0	No
<i>VASP</i>	3.44	3.81	15.91	16.29	1.083333333	1.022381734	0	0	No
<i>SYMPK</i>	3.65	4.96	10.08	9.60	1.28172043	0.956369344	0.21997	-0.0402379	No
<i>GPCPD1</i>	2.65	4.29	0.59	1.06	1.449315068	1.297931774	0.390035	0.335585	No
<i>SDCBP2</i>	1.43	1.27	1.70	1.89	0.934156379	1.069043342	0	0	No
<i>PANK2</i>	86.39	89.33	<0.1	NA	1.033642293	NA	0	NA	No
<i>GZF1</i>	6.71	5.46	8.30	8.43	0.837872892	1.013946361	-0.0563895	0	No
<i>NAPB</i>	3.01	2.04	24.83	26.80	0.758104738	1.076335062	-0.33254	0	No
<i>CENPB</i>	1.64	2.33	4.71	5.64	1.261363636	1.163407747	0.240442	0	No
<i>PSMF1</i>	1.47	1.88	3.78	4.84	1.165991903	1.222112618	0.0479169	0.0597691	No
<i>DTD1</i>	1.45	2.9	1.45	1.33	1.591836735	0.949722022	0.338108	0	No
<i>RBCK1</i>	13.49	17.03	1.32	2.42	1.244306418	1.476255936	0.15902	0.360393	No
<i>TMX4</i>	0.18	0.33	0.32	0.70	1.127118644	1.290941511	0	0.134546	No
<i>STK35</i>	7.05	6.89	0.51	0.92	0.980124224	1.269699172	0	0.186618	No
<i>SNRPB</i>	0.62	1.04	1.05	1.13	1.259259259	1.039666135	0.347312	0	No
<i>NRSN2</i>	6.86	6.32	17.70	16.81	0.93129771	0.952565733	0	-0.0425214	No
<i>AP5S1</i>	0.38	1.22	<0.1	NA	1.608695652	NA	0.798091	NA	No
<i>RRBP1</i>	2.09	1.96	2.54	5.25	0.957928803	1.765169954	0	0.502886	No
<i>BMP2</i>	0.9	1.46	10.56	8.48	1.294736842	0.819722768	0.282572	-0.303834	No
<i>ZNF133</i>	4.1	5.41	13.58	16.80	1.256862745	1.221051642	0.18462	0	No
<i>OVOL2</i>	3.4	5.85	1.78	2.47	1.556818182	1.249122566	0.484122	0.00812	No
<i>MKKS</i>	1.57	3.81	7.44	9.18	1.871595331	1.206172775	1.04628	0	No
<i>BFSP1</i>	4.93	4.92	10.10	10.55	0.998313659	1.040751059	0	0	No
<i>DSTN</i>	1.85	2.67	<0.1	NA	1.287719298	NA	0.229565	NA	No
<i>SNRPB2</i>	21.73	20.89	3.88	4.13	0.963044435	1.051388333	0	0	No
<i>MGME1</i>	1.53	1.96	6.36	6.90	1.169960474	1.073477553	0.0955328	0	No
<i>TBC1D20</i>	2.69	2.4	<0.1	NA	0.921409214	NA	0	NA	No
<i>ITPA</i>	0.11	0.12	0.16	0.06	1.009009009	0.915032005	0	0	No
<i>TCF15</i>	35.73	24.65	11.94	11.15	0.698339232	0.938821821	-0.405082	-0.113256	No
<i>MCM8</i>	8.96	14.04	13.69	13.67	1.510040161	0.998414314	0.517195	-0.059058	No
<i>TMEM74B</i>	1.72	2.49	6.28	7.52	1.283088235	1.169685279	0.374189	0	No
<i>FAM110A</i>	3.14	2.43	5.98	6.31	0.828502415	1.047987524	-0.128832	0	No
<i>SIRPD</i>	37.76	63.29	2.11	2.01	1.658668731	0.968256166	0.632693	0	No
<i>MRPS26</i>	13.61	18.87	18.38	17.58	1.360027379	0.958603647	0.385488	-0.126256	No

<i>S1PR4</i>	5.55	7.54	1.09	0.81	1.303816794	0.864404665	0.150854	-0.0368502	No
<i>NCLN</i>	5.6	6.1	9.19	8.82	1.075757576	0.963213308	0	0	No
<i>HNRNPR</i>	6.01	9.56	7.19	8.35	1.506419401	1.141224524	0.44455	0	No
<i>ZNF436</i>	1.79	3.27	0.19	0.29	1.53046595	1.082810921	0.596333	0	No
<i>MAX</i>	2.72	5.78	0.39	0.54	1.822580645	1.106759525	0.808248	0	No
<i>HURC1-FNT</i>	4.39	6.1	9.32	11.35	1.317254174	1.196864276	0.244066	0.0263867	No
<i>ARMCX5</i>	6.51	5.02	19.01	15.28	0.80159787	0.8135313	-0.168585	-0.312168	No
<i>MMP24</i>	1.21	1.44	6.07	5.08	1.104072398	0.859586762	0	-0.384496	No
<i>NECAB3</i>	26.58	27.15	31.90	35.68	1.02066715	1.115023413	0	0	No
<i>ID1</i>	0.34	0.12	<0.1	NA	0.835820896	NA	-0.650274	NA	No
<i>RALY</i>	52.57	57.42	14.24	13.08	1.090535748	0.924198911	0.0188542	-0.0172611	No
<i>DYNLRB1</i>	10.87	10.3	26.46	29.13	0.951979781	1.097263221	0	0	No
<i>EIF2S2</i>	3.08	5.19	2.97	5.32	1.517156863	1.591608048	0.528465	0.410188	No
<i>ERGIC3</i>	3.54	1.01	1.27	1.22	0.442731278	0.977993798	-1.28727	-0.0384598	No
<i>ROMO1</i>	0.44	0.1	0.22	0.44	0.763888889	1.177691549	-0.423855	0	No
<i>BPIFB1</i>	2.06	0.43	<0.1	NA	0.467320261	NA	-1.67329	NA	No
<i>CEP250</i>	17.52	15.73	17.44	17.77	0.903347732	1.01765174	0	0	No
<i>PLAGL2</i>	5.23	8.6	11.17	11.84	1.540930979	1.054761379	0.522264	0	No
<i>MMP24OS</i>	3.1	3.47	4.17	5.43	1.090243902	1.243484404	0	0	No
<i>GRPR</i>	36.38	20.78	51.38	44.18	0.582664526	0.862568093	-0.676857	-0.217548	No
<i>KDM5C</i>	25.6	34.94	116.27	122.68	1.35112782	1.05466583	0.357595	-0.0017196	No
<i>TMEM115</i>	8.18	12.98	13.24	14.21	1.522875817	1.067932814	0.544911	0	No
<i>PSMB2</i>	1.16	0.85	1.36	2.07	0.856481481	1.30176075	0	0	No
<i>AGO3</i>	0.15	0.06	0.20	0.27	0.92173913	1.060094919	0	0	No
<i>UROD</i>	40.03	30.25	16.71	17.19	0.761637826	1.027283298	-0.246068	0	No
<i>ST3GAL3</i>	0.82	0.86	2.61	3.03	1.021978022	1.115949054	0	0	No
<i>TMEM53</i>	10.07	13.43	10.62	11.17	1.303523035	1.04762457	0.256567	0	No
<i>HECTD3</i>	7.39	8.16	41.51	45.53	1.091775924	1.094647193	0	0	No
<i>KLC1</i>	14.68	17.74	12.70	15.39	1.195153061	1.196693266	0.145879	0.0239363	No
<i>XRCC3</i>	3.6	4.1	<0.1	NA	1.108695652	NA	0.017193	NA	No
<i>TUBGCP3</i>	0.26	0.11	1.46	1.63	0.880952381	1.071098538	-0.482365	0	No
<i>MCF2L</i>	1.5	2.05	3.45	3.78	1.22	1.073886067	0.208325	0	No
<i>F10</i>	4.77	4.93	3.28	4.43	1.027729636	1.268352205	0	0.00040065	No
<i>PCID2</i>	8.12	10.85	14.07	14.90	1.299342105	1.055366821	0.183324	0	No
<i>SLURP1</i>	0.4	0.02	0.14	0.22	0.728571429	1.067946094	-1.68456	0	No
<i>LRFN3</i>	1.75	2.07	5.96	6.65	1.116363636	1.098762886	0	0	No
<i>IGFLR1</i>	2.29	3.98	11.56	12.43	1.513677812	1.069111301	0.571959	0	No
<i>CAPNS1</i>	6.43	7.85	8.02	7.79	1.191117093	0.974152841	0.134199	-0.0889004	No

<i>PDCD2L</i>	7.44	7.87	8.18	9.53	1.050947867	1.146789314	0	0	No
<i>RBM42</i>	2.75	5.14	7.21	7.83	1.637333333	1.07554025	0.52809	0	No
<i>KIRREL2</i>	8.8	12.18	43.45	45.43	1.344897959	1.044498469	0.306324	0	No
<i>UBA2</i>	20.05	27.37	30.43	36.09	1.347743468	1.180222279	0.370349	0.00617237	No
<i>FFAR2</i>	1.3	1.06	4.97	4.90	0.895652174	0.987948117	0	-0.0085986	No
<i>HCST</i>	10.33	12.45	25.39	24.71	1.187113857	0.974176797	0.0507544	0	No
<i>FFAR1</i>	10.47	7.42	35.62	32.95	0.734088928	0.927121865	-0.295182	-0.0245793	No
<i>COX6B1</i>	40.27	46.01	59.46	64.50	1.13908408	1.083351075	0.11342	0	No
<i>THRA</i>	24.06	18.53	68.05	83.54	0.779329609	1.224315254	-0.290398	0.0979489	No
<i>NR1D1</i>	10.11	15.17	23.96	26.35	1.455445545	1.09561645	0.466244	0	No
<i>FRMD8</i>	21.25	12.34	22.57	22.24	0.599550562	0.986131588	-0.645304	0	No
<i>PRDX5</i>	26.02	45.38	89.28	90.89	1.716506292	1.017813459	0.695365	-0.0346261	No
<i>BCL2L12</i>	12.09	17.26	27.44	28.06	1.394957983	1.02181727	0.409135	-0.0587901	No
<i>IRF3</i>	10.63	16.39	32.23	21.52	1.495270851	0.677577925	0.452092	-0.661892	No
<i>PRMT1</i>	109.1	74.57	55.38	52.59	0.686376022	0.950439064	-0.500324	-0.166721	No
<i>RRAS</i>	6.34	6.94	0.15	0.17	1.081743869	1.01835599	0	-0.0649539	No
<i>PRRG2</i>	0.44	1.19	0.60	0.90	1.520833333	1.190576148	0.928692	0.0921912	No
<i>SCAF1</i>	1.52	1.48	2.00	2.32	0.984126984	1.107060979	0	0	No
<i>PRR12</i>	18.19	17.24	76.91	79.44	0.95049505	1.032441785	0	-0.0566148	No
<i>FLRT1</i>	14.45	10.65	8.99	10.50	0.754045307	1.15151454	-0.299749	0	No
<i>ASL</i>	1.54	1.29	0.27	0.16	0.901574803	0.915479887	0	0	No
<i>SBDS</i>	0.85	0.88	2.50	3.18	1.016216216	1.195395625	0	0	No
<i>STAT5A</i>	0.26	0.28	0.61	0.71	1.015873016	1.0597825	0	0	No
<i>WNK4</i>	4.15	4.04	<0.1	NA	0.978640777	NA	0	NA	No
<i>BECN1</i>	1.65	1.73	10.18	12.14	1.030188679	1.174934298	0	0	No
<i>TRAP1</i>	6.4	9.06	2.62	3.22	1.359459459	1.165161997	0.35256	0.00443574	No
<i>GLIS2</i>	6.95	26.56	1.29	2.89	3.466666667	1.697953793	1.80272	0.662959	No
<i>NSRP1</i>	11.07	12.72	57.28	56.64	1.136702568	0.988966789	0.0704524	-0.106108	No
<i>DNAJC8</i>	0.99	2.17	26.61	25.95	1.592964824	0.976118056	0.864029	-0.0353479	No
<i>AHDC1</i>	2.52	2.71	0.81	1.23	1.053977273	1.232151417	0	0	No
<i>IFI6</i>	1.7	2.22	4.51	4.91	1.192592593	1.071805691	0.0627731	0	No
<i>ZNF384</i>	4.48	7.89	5.56	6.03	1.622262774	1.071634446	0.611884	0	No
<i>EMG1</i>	17.29	19.89	47.41	54.17	1.142154183	1.139587771	0.0908539	0.00193922	No
<i>UXT</i>	9.49	12.83	30.50	32.36	1.318398475	1.059175619	0.313115	0	No
<i>ELK1</i>	19.95	22.77	37.33	39.80	1.134606205	1.064511805	0.0810239	0	No
<i>TIMM17B</i>	11.56	9.37	60.97	61.82	0.825636943	1.013732869	-0.180717	-0.0473321	No
<i>PCNX4</i>	5.6	8.32	5.16	5.52	1.412121212	1.058643055	0.389489	0	No
<i>ATG14</i>	0.16	0.1	<0.1	NA	0.948275862	NA	0	NA	No

<i>KTN1</i>	19.71	16.53	26.84	26.09	0.84645099	0.973044083	-0.142107	-0.106585	No
<i>SIX1</i>	6.15	5.62	10.06	12.02	0.925874126	1.17728375	0	0	No
<i>DLGAP5</i>	12.58	13.06	32.01	30.55	1.035346097	0.955630237	0	-0.171666	No
<i>L3HYPDH</i>	40.17	34.25	60.34	61.61	0.856205975	1.020733031	-0.137725	-0.0393275	No
<i>HSPA2</i>	4.61	5.24	15.21	17.77	1.112299465	1.157846122	0	0.0149934	No
<i>ZBTB1</i>	0.35	1.23	3.89	3.43	1.651851852	0.90644162	1.212	-0.0906416	No
<i>TRMT5</i>	14.41	9.41	27.09	25.62	0.675535367	0.947539118	-0.481722	-0.115754	No
<i>SGPP1</i>	0.13	0.49	<0.1	NA	1.318584071	NA	0.841432	NA	No
<i>PLEKHG3</i>	6.72	6.18	12.32	9.85	0.930051813	0.814524246	0	-0.276535	No
<i>RHOT1</i>	7.35	6.59	16.19	17.63	0.908982036	1.083655135	0	0	No
<i>WDR60</i>	0.31	0.4	<0.1	NA	1.06870229	NA	0	NA	No
<i>AIF1L</i>	2.88	3.17	<0.1	NA	1.074742268	NA	0	NA	No
<i>FAM78A</i>	1.95	1.02	26.17	26.50	0.684745763	1.012176789	-0.163481	0	No
<i>NUP214</i>	1.78	2.91	<0.1	NA	1.40647482	NA	0.339413	NA	No
<i>SLC10A3</i>	1.31	1.4	<0.1	NA	1.038961039	NA	0	NA	No
<i>MAP2K2</i>	1.86	4.21	<0.1	NA	1.821678322	NA	0.94505	NA	No
<i>HNRNPH2</i>	5.05	8.49	29.96	32.21	1.568595041	1.072788892	0.601305	0	No
<i>TIMM8A</i>	2.96	2.83	4.97	4.50	0.967171717	0.920610213	0	0	No
<i>ZC4H2</i>	2.41	2.23	26.03	26.24	0.947214076	1.007870266	0	0	No
<i>CANX</i>	30.79	26.96	0.29	0.71	0.879521862	1.32645734	-0.0591622	0.233583	No
<i>INTS11</i>	0.7	0.96	3.35	2.73	1.152941176	0.85675392	0	0	No
<i>IPPK</i>	0.59	0.29	<0.1	NA	0.811320755	NA	-0.234151	NA	No
<i>ZNF484</i>	8.28	13.9	45.15	48.95	1.605603448	1.082392521	0.59267	0	No
<i>FGD3</i>	0.78	1.58	0.90	1.22	1.449438202	1.169701362	0.658463	0	No
<i>HIVEP3</i>	0.35	0.13	3.64	4.61	0.837037037	1.209099073	0	0	No
<i>PPCS</i>	7.74	8.15	<0.1	NA	1.046910755	NA	0	NA	No
<i>BCL11B</i>	3.2	6.1	2.45	3.10	1.69047619	1.189206432	0.680684	0	No
<i>COX7C</i>	0.18	0.24	1.04	1.46	1.050847458	1.2070475	0	0	No
<i>TRAF2</i>	1.19	3.19	2.06	2.25	1.913242009	1.062021753	1.00098	0	No
<i>ABHD8</i>	3.91	6.72	7.13	8.01	1.572301426	1.108640987	0.559732	0	No
<i>HELB</i>	4.2	3.94	3.33	3.75	0.95	1.097883048	0	0	No
<i>RAP1B</i>	5.01	3.28	95.67	116.78	0.712146423	1.218412298	-0.140154	0	No
<i>RAB3IP</i>	0.94	1.57	0.41	0.37	1.324742268	0.974429156	0.10018	0	No
<i>DYRK2</i>	9.29	9.03	2.65	3.34	0.97473275	1.189903243	0	0	No
<i>YEATS4</i>	38.45	51.88	22.20	23.89	1.340430925	1.072830044	0.367303	0	No
<i>LRRC61</i>	2.56	3.14	4.36	4.11	1.162921348	0.954163846	0	0	No
<i>IDUA</i>	6.6	7.36	12.64	13.59	1.1	1.069717507	0	0	No
<i>FGFRL1</i>	3.24	4.11	0.66	0.57	1.205188679	0.946726838	0.0341974	0	No

<i>TMEM175</i>	2.59	3.11	5.01	5.66	1.144846797	1.108932003	0.00349835	0	No
<i>AUNIP</i>	10.11	8.86	18.16	19.36	0.887488749	1.062735732	0	0	No
<i>PIN1</i>	0.87	1.13	2.40	2.88	1.139037433	1.142256016	0	0	No
<i>FBXL12</i>	1.45	1.88	7.97	9.52	1.175510204	1.172673064	0.0217487	0	No
<i>EMC1</i>	3.16	4.6	5.12	5.65	1.346153846	1.086972141	0.386787	0	No
<i>UBR4</i>	2.55	3.38	5.75	5.16	1.233802817	0.912724003	0.181158	-0.16963	No
<i>HP1BP3</i>	2.69	4.1	0.54	0.90	1.382113821	1.232451871	0.389477	0.139695	No
<i>ADGRE2</i>	17.14	25.91	17.02	20.06	1.483461963	1.168777958	0.421699	0	No
<i>SIN3B</i>	50.59	44.48	77.11	77.70	0.881566195	1.007511896	-0.101156	-0.0676386	No
<i>SLC35E1</i>	11.74	8.3	15.38	15.14	0.729984301	0.985496656	-0.290345	0	No
<i>EPS15L1</i>	5.43	6.69	31.99	31.62	1.195956454	0.988879635	0	0	No
<i>KLF2</i>	6.55	5.79	8.05	7.52	0.899337748	0.941968571	-0.0102051	-0.0651884	No
<i>F2RL3</i>	7.34	9.76	23.46	22.67	1.290167866	0.967704558	0.301933	-0.137088	No
<i>UQCR11</i>	1.98	1.17	0.80	0.71	0.728187919	0.950423377	-0.202443	0	No
<i>GFER</i>	0.38	0.42	4.44	5.59	1.028985507	1.210668447	0	0	No
<i>SYNGR3</i>	106.13	76.08	25.37	30.13	0.719499673	1.180564152	-0.382276	0	No
<i>PKMYT1</i>	0.88	0.94	1.43	1.36	1.031914894	0.972516267	0	0	No
<i>WFIKK1</i>	0.21	0.46	<0.1	NA	1.20661157	NA	0.665399	NA	No
<i>WDR24</i>	0.33	0.22	<0.1	NA	0.917293233	NA	0	NA	No
<i>FBXL16</i>	6.15	14.68	9.82	9.40	2.193006993	0.961081698	1.05655	-0.0947799	No
<i>CHTF18</i>	4.37	5.53	4.51	5.70	1.216014898	1.216734171	0.190383	0.0259724	No
<i>GNG13</i>	5.41	4	10.51	9.34	0.780031201	0.898775848	-0.322139	-0.0554295	No
<i>TUBBP1</i>	0.52	0.42	4.14	3.64	0.934210526	0.902907802	0	-0.0693007	No
<i>MACF1</i>	0.32	0.42	0.77	0.83	1.075757576	1.032532134	0	0	No
<i>SMARCA4</i>	0.64	0.96	4.27	5.37	1.195121951	1.208390644	0.165147	0	No
<i>KDM4B</i>	12.08	10.3	169.57	172.16	0.863914373	1.015213274	-0.0095859	0	No
<i>TICAM1</i>	8.37	8.53	16.15	14.09	1.017075774	0.879793697	0	-0.0410108	No
<i>EMC6</i>	39.03	39.6	50.60	51.47	1.014239321	1.016767236	0	-0.0053293	No
<i>METTL16</i>	0.79	1.28	0.63	0.49	1.273743017	0.916976927	0.0118514	0	No
<i>TUBA4A</i>	4.32	8.02	4.86	5.39	1.695488722	1.089748604	0.668809	0	No
<i>AAMP</i>	19.1	24.93	7.57	9.41	1.290049751	1.214460383	0.300169	0.0492071	No
<i>PNKD</i>	0.61	0.77	4.41	5.35	1.099378882	1.173624546	0	0	No
<i>RNF6</i>	12.79	11.46	4.78	6.06	0.903553299	1.221800185	-0.0307019	0.0695108	No
<i>ECHS1</i>	46.23	39.53	31.58	25.21	0.858141012	0.804332278	-0.11905	-0.335391	No
<i>AKAP9</i>	60.73	66.36	22.52	21.34	1.091203629	0.949959902	0.057423	-0.0912006	No
<i>SEM1</i>	71.37	74.07	59.01	59.27	1.037308277	1.00438896	0.00724036	-0.0658293	No
<i>HIP1</i>	4.42	5.05	14.21	14.22	1.116236162	1.000493989	0.0353296	-0.0725643	No
<i>PTPN12</i>	3.71	5.12	11.60	12.92	1.299363057	1.104868715	0.268098	0	No

POR	0.6	0.69	0.75	0.77	1.05625	1.010994924	0	0	No
STYXL1	18.33	13.57	85.41	80.55	0.753750647	0.943777656	-0.338264	-0.163223	No
STEAP4	0.12	0.23	<0.1	NA	1.098214286	NA	0	NA	No
GNAI1	6.99	6.81	<0.1	NA	0.97747184	NA	0	NA	No
PMS2P3	12.23	8.34	3.00	2.69	0.705971277	0.921571461	-0.324013	-0.062448	No
PEX1	9.51	10.33	24.44	23.90	1.078020932	0.978913134	0	-0.0701355	No
MTERF1	253.25	186.74	1404.71	1352.78	0.73840708	0.963057128	-0.400536	-0.170244	No
SGCE	1.15	1.42	1.79	2.20	1.125581395	1.147225846	0.00761402	0	No
RBM48	0.16	0.02	0.45	0.31	0.879310345	0.901354956	-0.252286	0	No
CASD1	1.29	1.47	4.65	6.07	1.07860262	1.251551416	0	0.172639	No
ZNF780B	0.16	0	2.17	3.61	0.862068966	1.453790415	0	0.0534328	No
LRFN1	2.19	3.85	8.27	9.93	1.520376176	1.179240639	0.343223	0	No
ZFP36	4.3	6.46	8.26	10.21	1.40754717	1.210838699	0.413882	0.0659425	No
SRD5A3	2	3.21	7.02	8.23	1.403333333	1.150565776	0.388881	0	No
SPINK2	0.78	1.08	5.35	6.70	1.168539326	1.21323467	0.18042	0	No
PAICS	7.72	6.91	<0.1	NA	0.907110092	NA	0	NA	No
PPAT	0.27	0.32	0.42	0.47	1.039370079	1.034129451	0	0	No
TUBGCP6	2.73	3.78	4.84	5.87	1.28150134	1.175897286	0.223593	0	No
ADM2	17.85	22.2	38.51	45.05	1.230769231	1.165471713	0.2243	0.0596169	No
DGCR6L	1.13	1.65	1.55	1.75	1.244131455	1.077618384	0.110294	0	No
DGCR8	4.37	4.81	4.42	4.42	1.081936685	0.999529039	0	0	No
ASPHD2	7.3	6.02	7.28	6.77	0.845783133	0.938070084	-0.0517039	-0.0847541	No
VPREB3	22.1	33.74	77.20	85.85	1.503896104	1.110611692	0.513782	0	No
SDF2L1	75.65	79.88	315.86	353.39	1.05518591	1.118453093	0.0377109	0.00146016	No
YWHAH	0.12	0.58	0.11	0.18	1.410714286	1.065250611	1.25099	0	No
GNAZ	0.96	1.51	5.07	5.25	1.280612245	1.030174048	0.389997	0	No
MGAT3	1.04	1.95	2.22	1.89	1.446078431	0.898755836	0.301769	0	No
ADORA2A	27.16	24	19.66	22.07	0.887784091	1.11669418	-0.0829535	0	No
ATF4	6.33	7.76	13.22	13.56	1.195088677	1.023947454	0.0715543	0	No
A4GALT	3.37	4.19	3.44	3.38	1.187643021	0.985461637	0.0131928	0	No
CDC42EP1	4.84	5.37	6.74	5.30	1.090753425	0.814024816	0	-0.262309	No
APOL3	2.37	3.64	21.60	23.20	1.376854599	1.070883276	0.318775	0	No
TPST2	0.69	1.68	<0.1	NA	1.585798817	NA	0.649898	NA	No
BAIAP2L2	0.19	1.18	112.91	78.19	1.831932773	0.695207595	1.05644	-0.616917	No
MPST	10.49	12.53	6.79	7.82	1.177545692	1.132462598	0.134726	0	No
TST	2.87	5.93	15.59	17.79	1.790697674	1.132570024	0.728022	0	No
APOL2	3.73	4.4	3.30	3.44	1.141649049	1.033556058	0	0	No
RAC2	94.91	114.72	149.61	154.10	1.206547805	1.029791026	0.205588	-0.0325527	No

LIF	1.81	1.39	7.20	7.87	0.850533808	1.081191389	-0.0143502	0	No
C22orf23	0.25	3.61	<0.1	NA	3.688	NA	1.84912	NA	No
APOBEC3A	6.06	6.84	9.19	9.46	1.110481586	1.026761532	0.0241667	-0.0150571	No
APOBEC3F	0.77	1.07	0.58	0.64	1.169491525	1.039793512	0.158524	0	No
RIBC2	1.74	3.82	16.86	16.72	1.759124088	0.992415405	0.904985	-0.0746232	No
KRT17	6.16	6.35	<0.1	NA	1.026536313	NA	0	NA	No
EMC4	5.91	6.15	<0.1	NA	1.034732272	NA	0	NA	No
RNF112	5.12	5.93	1.86	1.98	1.132352941	1.043676036	0.0343907	0	No
SPECC1	0.53	0.87	0.80	0.95	1.222222222	1.082607343	0.191336	0	No
CPA4	3.77	5.04	5.02	6.28	1.266247379	1.208667028	0.103055	0.0288121	No
POT1	6.95	7.01	22.93	18.92	1.00754717	0.832595023	0	-0.341168	No
ATP6V1F	0.58	1.18	3.57	4.40	1.379746835	1.180581494	0.575272	0	No
LSM8	17.68	25.47	159.50	180.42	1.417023555	1.130352115	0.37156	0.00020824	No
PRKRIP1	4.26	6.99	25.39	29.39	1.519011407	1.151554017	0.503574	0	No
VGF	5.69	5.16	10.33	11.33	0.92077728	1.088305863	0	0	No
PODXL	6.5	5.72	14.06	14.45	0.896	1.02596311	-0.060595	-0.0201728	No
STRIP2	0.5	1.09	3.05	3.44	1.393333333	1.09703742	0.637601	0	No
IFT22	8.95	7.16	12.65	13.12	0.820100503	1.034423977	-0.0814655	0	No
MKLN1	1.16	1.42	<0.1	NA	1.12037037	NA	0	NA	No
DNAJB9	23.29	18.99	50.91	45.74	0.822972417	0.900401781	-0.188406	-0.251059	No
FLNC	1.8	2.39	16.53	15.16	1.210714286	0.9218668	0.275584	-0.16357	No
CALU	14.9	7.36	204.50	174.70	0.525786164	0.854974483	-0.816473	-0.326793	No
CCDC136	17.78	21.33	23.06	22.23	1.189030884	0.965556151	0.121392	-0.104654	No
SMO	1.56	2.41	1.00	1.35	1.33203125	1.172626769	0.335876	0.0769185	No
IRF5	4.9	8.69	<0.1	NA	1.642372881	NA	0.604322	NA	No
KLHDC10	0.85	0.81	<0.1	NA	0.978378378	NA	0	NA	No
NDUFA5	1.37	1.66	2.06	2.32	1.122362869	1.085372529	0.0375255	0	No
MRPS12	1.63	1.59	11.27	11.68	0.984790875	1.033474893	0	0	No
MYO1B	5.33	5.25	5.47	6.06	0.987361769	1.091439047	0	0	No
MTX2	7.77	9.61	12.83	14.82	1.209806157	1.143938906	0.156567	0	No
GAD1	59.8	56.82	51.63	53.21	0.950986842	1.02994114	0	0	No
EIF2S2P4	47.3	42.27	239.21	222.97	0.895859213	0.932393041	-0.0787614	-0.193485	No
OSGEPL1	122.84	119.93	143.89	139.79	0.976501938	0.971674263	0	-0.145124	No
ORMDL1	163.56	146.27	<0.1	NA	0.89493194	NA	-0.0841328	NA	No
HAT1	55.11	89.86	41.90	39.81	1.619319194	0.951296198	0.648222	-0.0973341	No
HERC2	9.11	11.66	14.15	14.32	1.252225519	1.011454061	0.132623	-0.0534504	No
SNRPN	118.33	81.24	44.91	41.84	0.689181262	0.933083472	-0.489564	-0.111053	No
PSMG2	1.84	1.71	3.80	4.10	0.954225352	1.061560796	0	0	No

<i>TWSG1</i>	14.5	14.07	24.32	24.03	0.972258065	0.988462911	0	-0.0440801	No
<i>EIF2AK4</i>	0.12	0.06	0.42	0.27	0.946428571	0.893113174	-0.154874	-0.121567	No
<i>MYO5C</i>	3.22	4.45	11.34	12.27	1.291469194	1.075436764	0.287404	0	No
<i>CGNL1</i>	0.11	0.04	<0.1	NA	0.936936937	NA	0	NA	No
<i>TTBK2</i>	2.33	2.66	6.41	7.27	1.099099099	1.11574223	0	0	No
<i>ELL3</i>	3.93	5.08	14.73	18.64	1.23326572	1.248402146	0.11883	0	No
<i>CCDC32</i>	27.69	29.53	16.04	18.57	1.064133845	1.148736995	0.0022517	0	No
<i>INO80</i>	7.63	9.68	4.00	3.90	1.237543453	0.98003813	0.119962	0	No
<i>ICE2</i>	2.65	1.88	18.12	19.80	0.789041096	1.08797995	-0.0827468	0	No
<i>DLL4</i>	0.43	2.35	2.11	3.40	2.342657343	1.416224459	1.85388	0.199644	No
<i>ALDH1A2</i>	63.6	45.15	149.74	169.30	0.714396285	1.129741063	-0.412121	0	No
<i>MINDY2</i>	4.03	5.32	1.48	1.93	1.256461233	1.180192606	0.20514	0	No
<i>IVD</i>	14.5	22.35	19.77	20.64	1.506451613	1.041713637	0.464902	0	No
<i>KNSTRN</i>	17.65	20.89	<0.1	NA	1.173726542	NA	0.0800566	NA	No
<i>DUT</i>	24.98	24.98	45.15	49.18	1	1.087377875	0	0	No
<i>CHAC1</i>	2.87	3.61	0.48	0.57	1.19121447	1.063886312	0	0	No
<i>CLN6</i>	32.87	29.16	20.57	18.91	0.890463537	0.923011585	-0.0624583	-0.050388	No
<i>ARPP19</i>	1.38	1.45	10.61	13.79	1.029411765	1.273768819	0	0.080649	No
<i>VPS13C</i>	0.61	0.97	2.40	2.60	1.223602484	1.06014	0.184509	0	No
<i>ISLR</i>	3.7	4.57	7.02	7.72	1.185106383	1.087801274	0.0849025	0	No
<i>THAP10</i>	363.1	301.7	767.56	695.74	0.83136501	0.906555653	-0.2353	-0.251964	No
<i>LOXL1</i>	3.45	2.33	<0.1	NA	0.748314607	NA	-0.196771	NA	No
<i>ACKR4</i>	3.36	3.31	10.70	12.30	0.98853211	1.136976263	0	0	No
<i>ANAPC13</i>	6.32	6.43	26.90	26.15	1.015027322	0.973193372	0	-0.0951931	No
<i>MBD4</i>	5.1	10.08	13.84	17.06	1.816393443	1.217142927	0.825835	0.0636523	No
<i>COPB1</i>	14.97	16.56	24.89	27.00	1.099561678	1.08143721	0.00413861	0	No
<i>PSMA1</i>	6.57	8.36	31.51	31.01	1.236459709	0.984615674	0.219898	-0.0427443	No
<i>SUMF2</i>	1.7	1.91	6.46	7.11	1.077777778	1.087472524	0	0	No
<i>PALLD</i>	0.88	1.42	1.48	1.76	1.287234043	1.113078156	0.322338	0	No
<i>SPCS3</i>	75.28	67.27	74.43	74.43	0.894992134	0.999955334	-0.0823494	-0.0774321	No
<i>SERGEF</i>	5.7	7.45	5.10	5.95	1.26119403	1.139583265	0.230307	0	No
<i>CSRP3</i>	20.11	22.67	8.07	9.26	1.121269541	1.131054089	0.00909911	0	No
<i>E2F8</i>	0.72	1.09	1.29	1.45	1.215116279	1.07046435	0.220382	0	No
<i>DCTD</i>	0.72	0.89	1.41	1.67	1.098837209	1.108850817	0	0	No
<i>SOX15</i>	6.26	5.06	37.68	47.51	0.834710744	1.25422931	-0.052495	0.087138	No
<i>PIMREG</i>	0.92	0.34	0.32	0.54	0.697916667	1.163644609	0	0	No
<i>RPAIN</i>	0.82	0.55	4.12	4.07	0.851648352	0.990589281	-0.288611	0	No
<i>SHBG</i>	2.92	4.75	8.31	11.76	1.466836735	1.370535849	0.48277	0.27628	No

<i>PLD2</i>	4.74	4.78	7.79	9.42	1.006968641	1.185719812	0	0.0458655	No
<i>TXNDC17</i>	0.15	0.17	13.05	13.12	1.017391304	1.005218792	0	0	No
<i>ATP1B2</i>	14.46	24.63	16.55	17.54	1.657826649	1.056581822	0.493953	0	No
<i>FXR2</i>	8.62	8.8	14.31	11.66	1.018711019	0.826955278	0	-0.276808	No
<i>KIF1C</i>	3.78	4.56	26.45	29.31	1.163179916	1.10425013	0.0216131	0	No
<i>MPDU1</i>	6.88	8.59	0.75	0.90	1.217005076	1.087988309	0.146715	0	No
<i>PHF20L1</i>	1.41	1.88	6.53	7.11	1.195020747	1.076648232	0	0	No
<i>CCNT1</i>	3.18	2.83	<0.1	NA	0.916267943	NA	0	NA	No
<i>PUS7L</i>	4.79	8.71	<0.1	NA	1.677029361	NA	0.724931	NA	No
<i>KRI1</i>	0.43	6.51	<0.1	NA	5.251748252	NA	3.24182	NA	No
<i>ILF3</i>	0.71	1.87	0.27	0.57	1.678362573	1.239044339	0.645514	0.0826939	No
<i>SLC44A2</i>	2.35	4.14	0.21	0.35	1.534328358	1.11448715	0.289441	0	No
<i>AP1M2</i>	7.49	11.2	17.08	16.54	1.436984688	0.970408838	0.488577	-0.0649123	No
<i>CDKN2D</i>	5.35	6.45	18.56	21.12	1.173228346	1.130887742	0.0961319	0	No
<i>MTUS1</i>	316.07	354.11	75.78	80.79	1.119973507	1.0652341	0.087483	0	No
<i>KLK14</i>	0.31	0.42	<0.1	NA	1.083969466	NA	0	NA	No
<i>KLK10</i>	14.54	22.29	23.23	21.25	1.498712999	0.918196822	0.519241	-0.15703	No
<i>KLK8</i>	63.53	33.65	35.08	25.69	0.536959554	0.739726597	-0.826849	-0.514934	No
<i>NGDN</i>	12.21	11.37	23.36	25.32	0.936411809	1.080353839	0	0	No
<i>RAB2B</i>	7.23	8.88	27.87	26.18	1.200486027	0.941298639	0.171293	-0.179171	No
<i>BCL2L2</i>	10.75	15.48	11.40	12.71	1.402553191	1.105481956	0.419159	0	No
<i>AJUBA</i>	10.77	6.97	26.97	26.47	0.677145285	0.982062797	-0.396948	-0.030308	No
<i>DTD2</i>	0.18	0.21	<0.1	NA	1.025423729	NA	0	NA	No
<i>PARP2</i>	0.25	0.08	<0.1	NA	0.864	NA	0	NA	No
<i>HEATR5A</i>	12.2	25.64	1.66	2.58	2.018181818	1.347252427	0.92743	0.128505	No
<i>FOXA1</i>	2.05	4.24	1.84	2.46	1.718032787	1.218718613	0.727128	0.00248916	No
<i>SNX6</i>	0.24	0.18	0.21	0.56	0.951612903	1.289039917	0	0	No
<i>EAPP</i>	3.83	7.76	2.66	3.26	1.813664596	1.162789771	0.836242	0	No
<i>MIS18BP1</i>	2.37	10.74	38.84	33.66	3.483679525	0.870047717	1.977	-0.283092	No
<i>NRL</i>	1.16	3.51	0.35	0.43	2.087962963	1.056300767	1.24414	0	No
<i>RNASE1</i>	0.28	0.31	0.34	0.45	1.0234375	1.084707613	0	0	No
<i>NEDD8</i>	3.03	5.43	<0.1	NA	1.595533499	NA	0.532576	NA	No
<i>DAD1</i>	8.75	12.07	5.19	5.54	1.340512821	1.055984594	0.345415	0	No
<i>TEP1</i>	8.76	6.86	32.27	33.12	0.805327869	1.025639389	-0.262683	0	No
<i>EPB41L4A</i>	1.52	1.21	0.42	0.31	0.876984127	0.921217591	0	0	No
<i>REEP5</i>	5.99	8.45	17.49	19.48	1.35193133	1.107875135	0.266363	0	No
<i>ITFG1</i>	7.37	9.53	2.68	2.60	1.258064516	0.97896715	0.253808	0	No
<i>QRICH2</i>	2.21	4.46	<0.1	NA	1.700934579	NA	0.719613	NA	No

SEC14L1	47.76	41.86	<0.1	NA	0.87899918	NA	-0.117313	NA	No
RHBDF2	3.5	3.44	2.84	2.84	0.986666667	0.999190913	0	0	No
ARHGEF6	6.78	5.81	5.99	6.35	0.875321337	1.050879703	0	0	No
MAP7D3	20.21	20.05	36.10	43.70	0.992456388	1.204783452	0	0.0769151	No
ASH2L	9.42	9.69	6.90	7.39	1.025911708	1.061568796	0	0	No
TTI2	8.97	15.84	4.64	5.54	1.689067202	1.15909838	0.713347	0	No
CHRNA10	40.77	53.36	45.33	52.34	1.301412497	1.151400315	0.305399	0	No
CDKN1C	6.54	8.24	3.20	3.55	1.225464191	1.083984817	0.200811	0	No
SGO1	8.09	25.97	<0.1	NA	2.9669967	NA	1.55045	NA	No
CDH15	36.05	41.75	16.54	16.64	1.153846154	1.005933798	0.124533	0	No
KLF16	0.11	0.38	0.21	0.24	1.243243243	1.024006413	0.603772	0	No
PGAP6	6.68	16.29	2.71	3.34	2.251302083	1.169987264	1.01409	0	No
DOHH	2.53	5.05	5.26	4.31	1.71388102	0.847573099	0.731884	-0.209209	No
MAU2	21.8	19.02	21.60	26.24	0.878070175	1.205159834	-0.0890069	0.0803801	No
PLPPR3	0.62	1.25	0.88	1.49	1.388888889	1.322017238	0.611824	0	No
ABHD17A	13.54	20.04	<0.1	NA	1.447042641	NA	0.451412	NA	No
LBP	49.03	56.16	29.13	33.15	1.142514491	1.133309193	0.122862	0	No
TNNI3	20.06	28.32	29.95	31.15	1.392212726	1.038910024	0.400343	0	No
GAMT	2.69	2.51	0.52	0.52	0.951219512	0.998011133	0	0	No
PUDP	0.53	2.82	0.77	1.19	2.496732026	1.234867748	1.69317	0.0941034	No
ERMARD	0.16	0.48	0.52	0.67	1.275862069	1.101526972	0	0	No
PHF10	0.58	0.7	1.20	1.75	1.075949367	1.249926534	0	0	No
CRACR2A	9.86	12.85	26.83	30.57	1.275322284	1.134212147	0.253011	0	No
NXNL2	3.35	4.95	8.52	11.25	1.367816092	1.287235678	0.240526	0.116074	No
STARD8	23.26	18.61	13.81	13.44	0.808326463	0.975208167	-0.208119	0	No
FAM155B	0.72	1.22	<0.1	NA	1.290697674	NA	0.115425	NA	No
SAT1	1.29	0.79	3.46	4.31	0.781659389	1.190329599	-0.425698	0	No
GNL3L	10.67	15.29	13.67	14.91	1.395886889	1.084371367	0.328155	0	No
SH3BP4	2.72	8.78	<0.1	NA	2.629032258	NA	1.3969	NA	No
MOSPD2	6.77	6.69	6.08	6.11	0.98970399	1.003619946	0	0	No
DOCK6	3.79	5.29	22.26	27.91	1.313152401	1.24311554	0.308897	0.058134	No
ECSIT	7.34	3.88	9.10	10.76	0.585131894	1.164549355	-0.539604	0	No
LDLR	1.04	0.82	0.14	0.15	0.892156863	1.011810178	0	0	No
ELOF1	10.99	14.61	16.19	18.15	1.301918265	1.114200159	0.185992	0	No
PRKCSH	3.36	2.92	14.38	16.05	0.899082569	1.108839647	0	0	No
CDC16	0.41	0	<0.1	NA	0.709219858	NA	0	NA	No
THEM6	0.11	0.07	0.42	0.41	0.963963964	0.990278981	0	0	No
NECTIN2	42.16	47.5	53.93	56.82	1.123725672	1.052647337	0.109036	-0.0073444	No

<i>APOE</i>	4.91	5.08	10.18	10.24	1.028764805	1.005009913	0	0	No
<i>TOMM40</i>	0.19	0.56	<0.1	NA	1.31092437	NA	0	NA	No
<i>APOC1</i>	1.74	4.32	4.48	4.77	1.941605839	1.053233418	0.983654	0	No
<i>GADD45G</i>	17.53	19.63	0.45	0.69	1.113329736	1.162777175	0.0010825	0	No
<i>XPO7</i>	8.44	9.53	7.10	7.55	1.115466102	1.055062928	0.0787043	0	No
<i>ACE2</i>	0.12	0.43	0.19	0.19	1.276785714	1.001740984	1.2394	0	No
<i>FAM98C</i>	2.09	3.63	9.77	10.27	1.498381877	1.046572691	0.55714	0	No
<i>SAFB2</i>	4.95	9.62	0.11	0.15	1.78487395	1.039462623	0.763588	0	No
<i>RPL36</i>	2.86	3.01	3.32	4.61	1.038860104	1.298443949	0	0.0511583	No
<i>ATP8B3</i>	5.44	6.53	0.94	1.18	1.169254658	1.122361512	0.0873861	0	No
<i>GTPBP3</i>	5.89	6.1	4.59	4.68	1.030478955	1.015993193	0	0	No
<i>PLVAP</i>	19.42	22.7	19.37	17.13	1.160626836	0.890253034	0.103689	-0.204589	No
<i>BST2</i>	34.24	38.14	69.64	78.46	1.110669694	1.124820462	0.0335751	0	No
<i>SLC27A1</i>	0.42	0.93	0.70	1.02	1.35915493	1.190984576	0.447939	0	No
<i>NSUN5</i>	109.98	127.11	79.58	71.75	1.154352136	0.902823619	0.118157	-0.226363	No
<i>COLGALT1</i>	3.75	2.51	12.89	12.52	0.738947368	0.973689258	-0.404208	-0.048638	No
<i>DDA1</i>	12.46	16.52	20.29	20.11	1.301634473	0.991604835	0.307062	-0.0914421	No
<i>MRPL34</i>	9.93	8.45	8.75	9.13	0.864592864	1.0390719	-0.105875	0	No
<i>PGLS</i>	0.34	1.03	<0.1	NA	1.514925373	NA	0	NA	No
<i>LSM7</i>	34.87	30.74	30.27	29.06	0.884862002	0.961459719	-0.0785075	-0.103888	No
<i>TULP4</i>	2.04	3.54	6.30	8.54	1.493421053	1.307202702	0.478206	0	No
<i>SNX9</i>	2.11	3.14	<0.1	NA	1.331189711	NA	0.244235	NA	No
<i>RTN4IP1</i>	2.42	3.79	14.98	16.60	1.400584795	1.101412427	0.399151	0	No
<i>QRSL1</i>	1.29	1.2	0.43	0.28	0.96069869	0.892692687	0	0	No
<i>MTRES1</i>	8.95	10.26	21.48	21.55	1.131658291	1.003026737	0.0412281	0	No
<i>RSPH3</i>	0.59	0.95	0.68	0.54	1.226415094	0.917863893	0.114419	0	No
<i>MLLT1</i>	12.89	11.99	274.99	242.92	0.935205184	0.883799317	0	-0.210118	No
<i>FUT5</i>	1.47	2.3	<0.1	NA	1.336032389	NA	0.290365	NA	No
<i>AFDN</i>	5.88	34.82	<0.1	NA	5.206395349	NA	2.23107	NA	No
<i>ACTN4</i>	13.44	17.89	6.79	8.01	1.308171745	1.156854221	0.257953	0	No
<i>NDUFA10</i>	20.51	24.14	21.42	19.36	1.168758717	0.907918061	0.0516636	-0.153083	No
<i>ARPC1B</i>	1.28	4.16	<0.1	NA	2.263157895	NA	1.13455	NA	No
<i>CACNG6</i>	24.27	32.16	30.01	27.70	1.312227938	0.925372876	0.252739	-0.0679747	No
<i>ZSWIM6</i>	93.26	72.04	166.78	152.35	0.774877997	0.914015145	-0.286715	-0.250236	No
<i>FCHO1</i>	1.09	1.14	1.59	2.14	1.023923445	1.213916423	0	0	No
<i>UNC13A</i>	38.5	56.71	123.12	128.74	1.461012658	1.045286689	0.465324	0	No
<i>MAP1S</i>	53.03	110.66	32.99	47.67	2.06662965	1.431908337	0.986481	0.307023	No
<i>KLHDC7B</i>	7	7.41	4.85	5.52	1.05125	1.114241287	0	0	No

PXDN	44.63	53.92	134.52	135.42	1.203594127	1.00664519	0.170465	-0.0575191	No
SSBP4	0.22	0.89	0.43	0.78	1.549180328	1.242813852	1.24708	0.0139745	No
GDF15	2.66	3.03	16.81	13.94	1.101092896	0.838723527	0.0333146	-0.348537	No
PGPEP1	15.66	17.58	8.54	9.47	1.115246098	1.09783303	0.0869165	0	No
LSM4	8.78	15.87	6.06	6.61	1.724948875	1.078595405	0.664039	0	No
JUND	3.51	2.22	4.35	5.67	0.713968958	1.246293836	-0.222431	0.0251265	No
HRC	4.29	5.72	3.96	4.31	1.270321361	1.06962236	0.120911	0	No
TRPM4	1.3	2.27	2.65	3.44	1.42173913	1.21514918	0.203016	0	No
SULT4A1	1	1.02	1.16	0.99	1.01	0.919238809	0	-0.126455	No
ZNF557	13.48	19.3	10.84	10.83	1.401933702	0.998888438	0.405805	-0.0379152	No
CRB3	30.17	41.98	42.33	46.56	1.378889958	1.097638351	0.407859	0	No
OLFM1	9.35	13.12	7.89	7.12	1.364251208	0.912992114	0.259944	0	No
CAMSAP1	3.77	2.09	17.88	13.16	0.647798742	0.749940965	-0.614517	-0.431939	No
UBAC1	2.84	3.47	33.07	30.04	1.1640625	0.911058534	0.117174	-0.210637	No
ZBTB46	1.63	2.73	0.75	1.27	1.418250951	1.298725075	0.392316	0	No
HELZ2	0.13	0.04	<0.1	NA	0.920353982	NA	0	NA	No
SAMD10	1.09	2.89	0.35	0.79	1.861244019	1.324633476	1.14244	0.503377	No
TNNI2	14.31	20.38	36.65	37.41	1.396472894	1.020189074	0.38102	0	No
COL5A1	0.12	1.12	<0.1	NA	1.892857143	NA	2.30475	NA	No
ATXN10	0.99	2.25	3.66	5.03	1.633165829	1.293735077	0.901413	0.0691507	No
TUBGCP2	26.96	33.74	37.76	42.06	1.24248927	1.110813583	0.262824	0	No
CALY	1.47	1.16	1.26	1.52	0.874493927	1.116873557	0	0	No
CYP2E1	7.02	4.87	7.51	8.95	0.7319202	1.16933477	-0.368221	0	No
PNPLA7	1343.16	307.25	117.05	131.40	0.229325378	1.121584833	-2.07691	0	No
PAK4	3.2	4.14	4.43	5.12	1.223809524	1.12754346	0.136729	0	No
MNX1	65.17	57.21	22.78	20.17	0.879703793	0.890338062	-0.115399	-0.21196	No
ZNF337	9.92	17.49	2.09	4.74	1.693223443	1.85662098	0.677876	0.705403	No
CEP85	0.21	0.07	2.26	2.49	0.884297521	1.069324965	-0.0389074	0	No
TAF4	3.26	2.03	6.97	6.49	0.711267606	0.940172684	-0.402093	-0.0191032	No
GATA5	7.42	10.47	1.03	1.17	1.362232779	1.067797854	0.341379	0	No
RBBP8NL	11.07	13.55	0.12	0.20	1.205468103	1.068915078	0.151729	0	No
LAMA5	51.4	69.41	33.08	35.06	1.34370229	1.058167848	0.372773	0	No
OSBPL2	3.97	6.41	<0.1	NA	1.490945674	NA	0.408194	NA	No
ADRM1	3.96	7.66	12.17	15.54	1.745967742	1.255620856	0.680582	0.0677097	No
ASS1	14.78	17.69	20.97	17.42	1.184410646	0.83839262	0.0158892	-0.246315	No
PRDM12	3.95	6.73	<0.1	NA	1.561616162	NA	0.570473	NA	No
EXOSC2	121.52	99.95	150.52	176.42	0.823947111	1.170956398	-0.120629	0.00647181	No
POMT1	2.17	2.8	<0.1	NA	1.19873817	NA	0.0398289	NA	No

UCK1	0.86	1.26	8.68	10.25	1.215053763	1.16256466	0.138571	0	No
FIBCD1	34.96	28.44	<0.1	NA	0.81868743	NA	-0.198959	NA	No
PRRC2B	0.39	0.19	3.14	2.41	0.856115108	0.82423675	-0.113335	-0.292696	No
CHMP2A	4.84	5.7	5.19	5.26	1.147260274	1.011648856	0	-0.123742	No
UBE2M	29.32	26.26	49.99	49.16	0.899076517	0.983705735	-0.0451355	-0.0752237	No
TRIM28	10.46	13.01	22.60	23.99	1.222513089	1.058951917	0.188852	0	No
METTTL26	9.9	9.43	6.99	6.40	0.956880734	0.926760115	0	-0.0301133	No
YIPF2	12.65	14.18	34.13	37.23	1.112087912	1.088318276	0.0328762	0	No
ATG4D	3.79	7.39	42.94	41.40	1.751565762	0.964994342	0.695827	-0.0661249	No
EIF2S3	17.61	11.53	29.69	26.63	0.673293928	0.900204059	-0.434877	-0.162089	No
TMEM160	15.27	14.46	40.50	42.30	0.95021512	1.043266987	0	0	No
ZC3H4	3.83	6.1	15.53	16.03	1.469979296	1.030030206	0.426836	-0.150972	No
NPAS1	0.33	1.44	0.12	0.17	1.834586466	1.047919613	1.70939	0	No
MAP3K10	5.37	6.73	5.76	6.63	1.213500785	1.129142446	0.0746857	0	No
ARHGEF16	6.9	10	5.81	6.61	1.392405063	1.117351606	0.407541	0	No
LRRC47	4.2	6.74	4.49	4.51	1.488461538	1.003214494	0.476973	0	No
SESN2	13.48	18.06	113.46	109.10	1.316298343	0.96189734	0.321703	-0.15147	No
SMPDL3B	46.58	56.38	37.96	38.69	1.205968894	1.018678332	0.208585	0	No
ATP5IF1	2.54	8.77	0.17	0.19	2.759887006	1.017658966	1.34353	-0.0205598	No
MED18	78.59	62.97	409.28	319.62	0.803744189	0.781476035	-0.24237	-0.434295	No
THEMIS2	3.55	3.95	<0.1	NA	1.087912088	NA	0	NA	No
CLIP1	512.56	421.31	225.28	165.36	0.822318716	0.7351991	-0.233152	-0.550432	No
HIP1R	5.45	3.42	42.90	40.64	0.685271318	0.948406006	-0.394678	-0.0430486	No
ZNF317	0.79	1.41	2.08	2.07	1.346368715	0.996931356	0.437953	0	No
PPAN	4.52	4.35	3.32	3.03	0.969202899	0.933752759	0	0	No
EIF3G	2.92	3	6.11	5.69	1.020408163	0.940478175	0	-0.0742756	No
ANGPTL6	3.16	4.79	5.20	7.09	1.391826923	1.304319722	0.40068	0.170346	No
SHFL	3.72	3.79	47.50	48.15	1.014830508	1.013374483	0	-0.0828006	No
DNMT1	25.32	18.42	38.50	35.65	0.737841945	0.927825909	-0.351439	-0.184624	No
ZNF426	56.56	51.71	59.53	57.05	0.915740097	0.959011793	-0.0414673	-0.132813	No
SLC6A8	94.25	53.69	42.91	38.57	0.574173228	0.901274354	-0.685097	-0.176998	No
DKC1	31.43	24.57	101.70	86.25	0.788467468	0.849591187	-0.243905	-0.243435	No
PLXNA3	4.7	6.67	16.35	17.80	1.345614035	1.083357307	0.35787	0	No
DUSP9	5.53	7.58	11.42	13.16	1.313935681	1.140477378	0.307945	0	No
MPP1	87.82	69.23	1008.46	1027.50	0.790700293	1.018856641	-0.291745	-0.0742574	No
ZNF331	0.75	0.86	3.45	4.00	1.062857143	1.122725837	0	0	No
ZNF236	31.04	21.4	1.35	1.81	0.699126092	1.197551781	-0.444044	0	No
LRP3	81.24	57.48	25.90	25.73	0.711089494	0.993741249	-0.431996	-0.0253055	No

<i>C12orf65</i>	27.49	22.22	38.75	36.15	0.815022815	0.934693197	-0.183459	-0.112188	No
<i>NOL11</i>	0.88	0.98	0.33	0.43	1.053191489	1.076113801	0	0	No
<i>UBE4B</i>	3.23	4.22	5.63	6.14	1.234042553	1.076938689	0.204424	0	No
<i>CASZ1</i>	121.78	97.73	258.05	249.91	0.804121192	0.968587072	-0.234332	-0.109109	No
<i>HABP4</i>	12.76	11.6	6.27	6.29	0.915697674	1.003293295	0	0	No
<i>FBP2</i>	24.88	16.27	17.88	17.77	0.667310665	0.994278921	-0.526425	-0.0709022	No
<i>SLC35D2</i>	42.2	50.03	123.98	114.44	1.18125	0.923638767	0.159365	-0.196473	No
<i>PRRG1</i>	13.15	12.14	63.78	56.98	0.928621908	0.895102373	-0.0200398	-0.303597	No
<i>UBA1</i>	3.55	2.98	6.90	6.40	0.874725275	0.937186554	-0.0291595	-0.171919	No
<i>PPIL4</i>	27.43	24.7	0.20	0.19	0.903974675	0.994464745	-0.0165786	0	No
<i>ULBP2</i>	6.89	9.1	9.58	10.13	1.280101394	1.052213965	0.252121	0	No
<i>AKAP12</i>	3.73	4.85	5.00	5.04	1.236786469	1.007420761	0.15055	0	No
<i>ULBP3</i>	1.88	2.07	1.91	2.58	1.065972222	1.230794916	0	0.107894	No
<i>LATS1</i>	75.93	76.92	73.13	65.36	1.012868842	0.895218212	0	-0.248397	No
<i>EPS8L1</i>	21.4	18.54	14.32	13.44	0.872321429	0.942616208	-0.130466	-0.0569465	No
<i>AAR2</i>	4.14	2.38	15.87	14.15	0.657587549	0.897756108	-0.550399	-0.0529958	No
<i>BPIFA2</i>	80.49	65.11	74.21	68.39	0.811265186	0.922583232	-0.249231	-0.249469	No
<i>RBM39</i>	3.27	5.53	4.22	4.66	1.529274005	1.085097826	0.547199	0	No
<i>ZNF341</i>	19.5	18.58	4.15	4.24	0.955121951	1.017176187	0	0	No
<i>GGT7</i>	517.11	532.02	305.41	275.43	1.028777673	0.9021696	0	-0.250636	No
<i>ACSS2</i>	2.13	5.39	11.53	16.10	2.041533546	1.364851813	0.973089	0.206964	No
<i>ARHGEF9</i>	3.81	4.73	4.28	4.36	1.191268191	1.015454003	0.0843846	0	No
<i>C1QL1</i>	37.9	42.67	18.80	19.08	1.122622108	1.014241791	0.105721	0	No
<i>ATP6V1E1</i>	4.55	4.11	2.61	2.69	0.920720721	1.021959811	0	0	No
<i>ZNF227</i>	6.33	9.99	1.61	1.60	1.499317872	0.995525026	0.392041	0	No
<i>ZNF428</i>	5.32	4.79	6.65	7.34	0.916139241	1.090553229	0	0	No
<i>ZNF141</i>	2.14	4.59	0.65	0.78	1.780254777	1.081160549	0.753434	0	No
<i>COX4I1</i>	73.91	54.88	18.49	18.27	0.745961821	0.988878576	-0.357018	0	No
<i>EMC8</i>	10.04	9.81	18.29	20.04	0.979166667	1.090684454	0	0	No
<i>GSE1</i>	12.29	20.44	7.10	9.32	1.61324304	1.273743826	0.546466	0.0353938	No
<i>GINS2</i>	16.12	12.03	14.06	14.63	0.761098131	1.03793984	-0.300013	0	No
<i>CHMP1A</i>	18.33	18.62	35.36	32.59	1.015002587	0.923882196	0	-0.0303503	No
<i>SH3BGRL</i>	2.34	8.1	4.02	2.99	2.724550898	0.79401085	1.33607	-0.227131	No
<i>COX7B</i>	0.73	1.3	5.29	8.31	1.329479769	1.479519767	0.423624	0.285112	No
<i>F12</i>	0.73	0.43	0.12	0.32	0.826589595	1.18173942	0	0	No
<i>PRR7</i>	44.8	36.49	9.32	8.81	0.818558952	0.950101678	-0.191201	-0.0488109	No
<i>NFATC1</i>	0.32	0.06	2.34	1.82	0.803030303	0.843512616	0	-0.0553889	No
<i>CAP1</i>	131.91	104.75	23.95	20.08	0.795651193	0.844884107	-0.231989	-0.196835	No

<i>PPT1</i>	0.13	3.34	0.13	0.26	3.840707965	1.110817765	2.90081	0	No
<i>RAB11FIP4</i>	42.96	40.72	67.24	62.44	0.949044586	0.929726911	0	-0.205711	No
<i>RLIM</i>	19.76	18.8	28.06	29.36	0.953757225	1.044869075	0	0	No
<i>ABCB7</i>	2.6	3.43	1.19	1.64	1.230555556	1.206480348	0.105171	0.0847149	No
<i>TRAF3</i>	6.55	5.82	30.16	32.11	0.903311258	1.062558199	0	0	No
<i>HAUS8</i>	0.18	0.21	4.01	4.59	1.025423729	1.11560316	0	0	No
<i>MRPS25</i>	1.4	1.83	3.98	4.63	1.179166667	1.130026076	0	0	No
<i>SH3BP5</i>	0.32	2.05	0.52	0.61	2.310606061	1.059651693	1.99781	0	No
<i>HACL1</i>	7.78	12.35	14.62	19.24	1.520501139	1.295843919	0.495932	0.0709212	No
<i>TBC1D5</i>	577.95	329.01	2.88	3.68	0.570014682	1.205146207	-0.764596	0	No
<i>CAPN7</i>	48.36	38.62	52.28	48.01	0.80267423	0.91979749	-0.263473	-0.209435	No
<i>RFTN1</i>	33.16	35.75	86.34	88.43	1.075819672	1.023891881	0	0	No
<i>RBSN</i>	79.94	81.5	55.04	49.88	1.019273536	0.907995798	0	-0.187622	No
<i>SLC6A6</i>	47.24	35.17	113.13	117.86	0.749792703	1.041471734	-0.354799	-0.0219494	No
<i>KCNC3</i>	145.68	141.86	117.87	135.33	0.973956913	1.146851173	0	0	No
<i>NAPSA</i>	2.6	3.57	9.02	9.84	1.269444444	1.082042221	0.299704	0	No
<i>NAPSB</i>	3.84	6.52	8.74	8.65	1.553719008	0.990330873	0.556099	-0.0497564	No
<i>NR1H2</i>	7.95	6.6	<0.1	NA	0.849162011	NA	-0.0954923	NA	No
<i>LRRC4B</i>	0.13	0.11	<0.1	NA	0.982300885	NA	0	NA	No
<i>PDLIM4</i>	24.42	20.22	29.28	27.07	0.834775767	0.927148759	-0.193802	-0.225036	No
<i>KIF3A</i>	22.25	18.22	20.15	18.36	0.826666667	0.915481231	-0.119502	-0.143769	No
<i>MGAT1</i>	35.68	32.51	28.80	29.05	0.913576881	1.008277444	-0.0456774	-0.0384934	No
<i>GFPT2</i>	0.8	1.07	2.09	2.11	1.15	1.005827044	0.164784	0	No
<i>TUBG1</i>	15.55	14.65	36.14	39.93	0.945619335	1.101951078	0	0	No
<i>PSME3</i>	0.15	0.16	51.30	44.07	1.008695652	0.861687528	0	-0.267916	No
<i>RPL27</i>	3.47	2.04	6.09	4.91	0.680089485	0.833539659	-0.404549	-0.12762	No
<i>PSMC3IP</i>	7.93	10.34	17.97	17.08	1.26987682	0.95325898	0.220842	-0.145497	No
<i>AOC3</i>	4.43	5.43	33.83	35.30	1.184162063	1.042347851	0.177753	0	No
<i>ACLY</i>	4.11	7.36	33.56	36.75	1.636007828	1.092348542	0.667268	0	No
<i>VPS25</i>	10.49	6.86	20.11	18.72	0.684073107	0.934148106	-0.47137	0	No
<i>AOC2</i>	1	0.83	<0.1	NA	0.915	NA	-0.0327207	NA	No
<i>NDUFA2</i>	0.16	0.45	0.10	0.10	1.25	0.999441228	0	0	No
<i>ANKHD1</i>	7.45	8.72	14.97	16.48	1.150295858	1.094782569	0.0714165	0	No
<i>DIAPH1</i>	3.53	2.19	8.11	7.10	0.70419426	0.889317891	-0.394176	-0.124621	No
<i>NDFIP1</i>	0.22	0.32	9.07	9.36	1.081967213	1.028815514	0	0	No
<i>UBE2D2</i>	102.88	85.97	111.08	103.65	0.837216018	0.933733375	-0.194716	-0.199692	No
<i>EXOC4</i>	17.4	20.59	7.06	5.72	1.173369565	0.83343045	0.0303804	-0.27377	No
<i>ACAP3</i>	74.3	67.53	105.34	90.51	0.910092961	0.860580729	-0.0499418	-0.29466	No

<i>C1orf159</i>	0.58	1.39	10.79	10.69	1.512658228	0.991849334	0.615633	0	No
<i>ANO1</i>	20.26	33.49	52.58	50.20	1.62229539	0.955541596	0.625577	-0.11743	No
<i>PPFIA1</i>	0.17	0.07	0.15	0.20	0.914529915	1.041988352	0	0	No
<i>KREMEN2</i>	0.28	0.9	<0.1	NA	1.484375	NA	0.522697	NA	No
<i>THOC6</i>	94.93	91.23	225.41	212.94	0.96143021	0.944931952	0	-0.1454	No
<i>TRAF7</i>	16	30.18	20.68	24.21	1.834117647	1.163050989	0.796679	0	No
<i>BARX1</i>	586.69	556.4	166.44	156.20	0.948459222	0.938832963	-0.0269702	-0.156931	No
<i>NINJ1</i>	19.66	29.11	56.73	51.21	1.457405615	0.904313279	0.414122	-0.186426	No
<i>NPHP4</i>	54.17	48.15	277.86	252.67	0.890882726	0.909682536	-0.0997568	-0.203492	No
<i>MAP1B</i>	66.46	67.84	26.49	30.60	1.020456567	1.149633717	0	0	No
<i>IL13RA1</i>	4.37	5.65	0.33	0.37	1.238361266	1.026536009	0	0	No
<i>WDR44</i>	26.59	28.36	101.09	84.57	1.064153679	0.838171594	0	-0.385398	No
<i>ZCCHC9</i>	4.4	6.11	30.70	29.22	1.316666667	0.953336069	0.297885	-0.17007	No
<i>KRT34</i>	0.62	0.66	9.07	7.73	1.024691358	0.866538262	0	-0.1915	No
<i>TNS4</i>	7.84	9.9	24.68	23.15	1.233031674	0.940241471	0.184617	-0.124799	No
<i>TOP2A</i>	6.62	8.69	4.72	7.57	1.271653543	1.499120766	0.224273	0.32324	No
<i>STARD3</i>	1.02	1.4	1.50	1.57	1.188118812	1.028454159	0.0217429	0	No
<i>RARA</i>	21.53	14.91	149.05	136.81	0.706169552	0.918424858	-0.415286	-0.208392	No
<i>PPP1R1B</i>	6.18	6.93	8.27	8.60	1.104456825	1.035342419	0	0	No
<i>KHDRBS3</i>	5.01	5.63	12.57	13.54	1.103161398	1.071163751	0	0	No
<i>CHD1L</i>	29.21	27.57	84.46	82.10	0.94571334	0.972352659	0	-0.134927	No
<i>PEX11B</i>	5.37	4.6	4.20	5.64	0.879120879	1.277377273	-0.0547526	0.166567	No
<i>PIAS3</i>	71.05	344.62	22.72	41.71	4.796946565	1.800763581	2.16823	0.531979	No
<i>PRKAB2</i>	9.26	12.67	24.97	26.36	1.332358674	1.053566763	0.305395	0	No
<i>CLUHP3</i>	8.72	8.54	54.91	62.32	0.981481481	1.132623839	0	0	No
<i>PDHA1</i>	23.05	19.1	34.54	36.15	0.835758836	1.045305978	-0.0582583	0	No
<i>MCCC2</i>	8.89	10.37	2.75	2.79	1.149646107	1.010705779	0.0303383	0	No
<i>ZNF304</i>	19.7	11.25	49.63	45.15	0.59178744	0.911497903	-0.626702	-0.185556	No
<i>ZSCAN5A</i>	0.95	1.39	<0.1	NA	1.225641026	NA	0.331579	NA	No
<i>ZNF132</i>	4.36	4.63	2.46	2.55	1.050373134	1.02698966	0	0	No
<i>SELENOS</i>	8.56	10.59	15.67	15.06	1.212343096	0.963376135	0.222191	-0.0334514	No
<i>CHSY1</i>	3.01	2.72	2.43	3.35	0.927680798	1.268791002	0	0.102014	No
<i>SNRPA1</i>	19.35	20.4	19.92	17.23	1.051597052	0.87121238	0	-0.197747	No
<i>LLGL1</i>	3.05	4.04	7.93	6.60	1.244444444	0.850566656	0.0916792	-0.160178	No
<i>THAP1</i>	4.64	5.94	6.18	6.57	1.230496454	1.054626922	0.146857	0	No
<i>RHPN2</i>	2.72	2.78	3.65	4.37	1.016129032	1.155216006	0	0	No
<i>C19orf12</i>	7.84	13	3.01	3.58	1.583710407	1.142851137	0.538212	0	No
<i>FAAP24</i>	7.36	9.34	8.70	10.45	1.236842105	1.180771069	0.232263	0	No

<i>ACTR10</i>	4.41	3.19	9.07	9.08	0.774491682	1.001282385	-0.246433	0	No
<i>GCH1</i>	1.8	2.27	3.15	3.29	1.167857143	1.034126741	0.0352669	0	No
<i>LGALS3</i>	10.68	20.01	<0.1	NA	1.79880137	NA	0.777975	NA	No
<i>PODNL1</i>	0.62	1.89	39.13	36.25	1.783950617	0.928248316	1.13117	-0.183291	No
<i>DNAJB1</i>	4.99	6.93	9.58	10.93	1.323873122	1.127943672	0.349163	0	No
<i>ZSWIM4</i>	21.98	24.33	11.20	10.78	1.102262837	0.9659488	0	-0.018649	No
<i>FBXW9</i>	26.87	27.09	18.59	18.91	1.007893793	1.016426876	0	0	No
<i>RFX1</i>	2.78	4.68	7.70	9.63	1.502645503	1.222255717	0.419527	0	No
<i>C19orf57</i>	0.5	0.41	3.49	3.72	0.94	1.050431033	0	0	No
<i>DCAF15</i>	17.32	16.64	<0.1	NA	0.962882096	NA	0	NA	No
<i>CC2D1A</i>	3.48	3.68	4.58	5.16	1.044642857	1.103359686	0	0	No
<i>RTBDN</i>	1	1.61	0.41	0.59	1.305	1.130002955	0.244599	0	No
<i>TRIM21</i>	6.6	12.7	13.32	13.79	1.802631579	1.033059277	0.791036	-0.0114428	No
<i>LRRC41</i>	0.75	1.21	12.86	13.40	1.262857143	1.03928377	0.39661	-0.0199123	No
<i>CCT6B</i>	8.92	8.42	68.78	69.09	0.949596774	1.004433029	0	-0.0885298	No
<i>DHX30</i>	0.15	0.41	0.25	0.28	1.226086957	1.027759642	0.670724	0	No
<i>RAF1</i>	65.19	55.62	714.40	787.78	0.855416226	1.10257822	-0.128073	0	No
<i>SLC6A11</i>	37.25	38.89	18.85	19.78	1.042875817	1.04672816	0	0	No
<i>PPARG</i>	30.24	48.9	15.87	14.90	1.59731114	0.942524272	0.571483	-0.116733	No
<i>NUP210</i>	0.3	0.36	2.33	2.89	1.046153846	1.167810276	0	0	No
<i>FCRLA</i>	2.54	3.14	29.31	33.34	1.169491525	1.132968508	0.148544	0.0059957	No
<i>HSD17B7</i>	1	0.86	0.84	0.66	0.93	0.901852902	0	-0.111638	No
<i>ENOSF1</i>	4.39	3.52	6.64	6.84	0.838589981	1.026294222	-0.13966	0	No
<i>EMILIN2</i>	5.22	5.49	17.91	17.29	1.04340836	0.967185386	0	0	No
<i>SLX1A</i>	17.22	25.56	<0.1	NA	1.457738749	NA	0.397399	NA	No
<i>ARFIP2</i>	3.21	2.7	21.32	25.56	0.878859857	1.189845871	0	0	No
<i>TRIM5</i>	3.41	3.64	27.93	33.74	1.052154195	1.200703391	0	0	No
<i>TRIM22</i>	4.17	6.16	6.13	7.91	1.384912959	1.249392527	0.246591	0.00361401	No
<i>RRP8</i>	34.25	31.31	113.29	107.93	0.916595745	0.95310725	-0.0395061	-0.134963	No
<i>TIMM10B</i>	16.83	16.5	21.48	23.05	0.981491868	1.069939937	0	0	No
<i>EFR3A</i>	8.31	8.63	12.62	13.93	1.034371643	1.096066825	0	0	No
<i>PTCD3</i>	5.06	7.57	16.37	18.40	1.414191419	1.117072472	0.492013	0	No
<i>IMMT</i>	8.72	11.11	58.41	62.25	1.245884774	1.064697974	0.238099	0	No
<i>MRPL35</i>	0.41	1.15	3.58	4.42	1.524822695	1.183858479	1.01651	0.0785156	No
<i>ILKAP</i>	10.36	16.85	10.64	12.80	1.571302817	1.18538787	0.598025	0	No
<i>PER2</i>	12.78	13.38	16.10	17.31	1.043541364	1.071040343	0	0	No
<i>SCLY</i>	3.77	5.39	11.97	12.21	1.339622642	1.018119827	0.337817	0	No
<i>PTPRE</i>	0.76	1.48	25.81	17.22	1.409090909	0.679556843	0.31522	-0.51602	No

<i>RAN</i>	0.5	1.01	1.34	2.83	1.34	1.637665297	0.293493	0.526081	No
<i>PRKAA1</i>	54.03	45.65	114.91	100.97	0.847719426	0.87973563	-0.136562	-0.226016	No
<i>CARD6</i>	15	9.65	25.27	24.59	0.665625	0.974007178	-0.442478	-0.0815995	No
<i>RAP1GAP2</i>	8.68	5.02	0.75	0.77	0.621900826	1.010919913	-0.554564	0	No
<i>CLUH</i>	20.55	22.52	118.34	116.31	1.091415313	0.982955975	0.026194	-0.105691	No
<i>INPP5K</i>	10.13	9.3	12.72	10.97	0.925426774	0.872743433	0	-0.224498	No
<i>MYBBP1A</i>	7.03	3.78	<0.1	NA	0.595267746	NA	-0.647474	NA	No
<i>RPA1</i>	10.77	11.54	108.07	108.98	1.065420561	1.008375058	0	-0.0513689	No
<i>SERPINF1</i>	0.16	0.16	7.68	8.74	1	1.122056087	0	0	No
<i>UBE2G1</i>	0.42	0.26	<0.1	NA	0.887323944	NA	0	NA	No
<i>EEFSEC</i>	2.77	5.36	5.66	5.89	1.687002653	1.03474576	0.862973	0	No
<i>TBC1D14</i>	12.54	12.69	60.63	54.02	1.011078287	0.892682534	0	-0.261237	No
<i>TMEM128</i>	2.16	2.76	14.40	9.84	1.189873418	0.704199108	0.170248	-0.537089	No
<i>COQ3</i>	11.39	16.13	12.09	12.26	1.382566586	1.013240633	0.319002	0	No
<i>PNISR</i>	36.49	41.57	41.93	36.66	1.135502801	0.877210979	0	-0.207433	No
<i>POPDC3</i>	2.6	2.1	7.50	7.81	0.861111111	1.03648674	-0.0633068	0	No
<i>SEC61G</i>	21.72	43.19	29.38	33.46	1.944982394	1.134140921	0.889698	0	No
<i>LANCL2</i>	35.86	43.45	54.38	55.29	1.20591427	1.016512006	0.177153	0	No
<i>FIGNL1</i>	9.04	9.46	39.26	46.38	1.041832669	1.176732111	0	0.0168256	No
<i>DDC</i>	11.35	14.23	13.14	14.81	1.233198381	1.11799274	0.180298	0	No
<i>GRSF1</i>	122.95	127.04	94.15	90.55	1.032997176	0.962187021	0	-0.0702123	No
<i>ANKRD17</i>	0.79	0.94	2.35	3.25	1.083798883	1.268655488	0	0.135093	No
<i>UTP3</i>	2.87	4.75	2.86	4.40	1.485788114	1.40025806	0.534467	0.338395	No
<i>ITGB4</i>	17.68	20.13	21.36	25.23	1.131156317	1.1730609	0.0799902	0	No
<i>WBP2</i>	18.02	31.22	35.73	31.66	1.694006309	0.889281837	0.699507	-0.232961	No
<i>H3-3B</i>	14.31	12.16	14.78	15.27	0.859568909	1.031227957	-0.0224525	0	No
<i>UNK</i>	2.62	3.31	<0.1	NA	1.190607735	NA	0.141658	NA	No
<i>TRIM47</i>	3.24	1.57	6.88	5.63	0.606132075	0.841060256	-0.460883	-0.190103	No
<i>ZRANB2</i>	1.09	1.08	1.82	2.29	0.995215311	1.167569423	0	0	No
<i>EIF5A</i>	0.84	0.77	3.99	4.72	0.961956522	1.146307644	0	0	No
<i>KDM6B</i>	1.86	0.94	<0.1	NA	0.678321678	NA	-0.775481	NA	No
<i>GPS2</i>	1.04	0.9	5.30	4.36	0.931372549	0.850240738	0	-0.140127	No
<i>XAF1</i>	1.07	1.51	2.41	2.93	1.212560386	1.151128218	0.0771122	0	No
<i>DLG4</i>	0.24	0.61	1.46	1.74	1.298387097	1.113196592	0.743872	0	No
<i>RIDA</i>	3.03	4.04	4.46	3.75	1.250620347	0.870519152	0.104253	-0.211614	No
<i>VPS13B</i>	46.21	25.67	34.59	30.18	0.564922686	0.876000047	-0.712296	-0.217539	No
<i>MATN2</i>	5.15	4.89	7.95	8.18	0.957723577	1.025648406	0	0	No
<i>REEP2</i>	0.28	0.55	<0.1	NA	1.2109375	NA	0	NA	No

<i>PCBD2</i>	21.67	19.73	53.72	54.63	0.914424349	1.016708001	-0.0469952	-0.0633298	No
<i>SDF2</i>	4.81	5.85	6.76	7.55	1.179001721	1.101314337	0.0792334	0	No
<i>FLOT2</i>	10.17	7.57	33.90	33.98	0.767233662	1.002208481	-0.290649	-0.0835651	No
<i>ERAL1</i>	50.41	56.85	35.95	35.12	1.125267458	0.977595296	0.035983	-0.0488701	No
<i>PRMT7</i>	4.94	6.16	14.40	18.22	1.205387205	1.247736112	0.145475	0.0670096	No
<i>NIP7</i>	0.68	1.13	1.96	2.04	1.267857143	1.02796772	0.0782451	0	No
<i>TERF2</i>	0.94	0	0.62	0.26	0.515463918	0.778364356	-0.352227	0	No
<i>VPS4A</i>	130.49	46.14	106.11	91.52	0.35850635	0.863819199	-1.37112	-0.269611	No
<i>MTSS2</i>	92.57	99.39	79.39	81.65	1.072886609	1.028102944	0.0300314	-0.0398089	No
<i>HSPA12B</i>	0.71	0.48	1.87	1.46	0.865497076	0.856900387	0	0	No
<i>ANKEF1</i>	1.59	2.1	0.23	0.86	1.196911197	1.512267953	0.0667637	1.13049	No
<i>PCED1A</i>	0.11	0.33	0.47	0.46	1.198198198	0.995994931	0	0	No
<i>SNAP25</i>	219.46	121	304.74	262.23	0.55338837	0.860972609	-0.807538	-0.327206	No
<i>BTBD3</i>	3.49	9.68	5.75	4.38	2.378619154	0.796781671	1.21057	-0.227078	No
<i>PCNA</i>	56.17	42	<0.1	NA	0.752142732	NA	-0.320153	NA	No
<i>NXT1</i>	3.46	3.55	0.34	0.80	1.020179372	1.342063854	0	0.644707	No
<i>POLR3F</i>	5.92	6.41	31.04	29.36	1.070809249	0.947468907	0	-0.100953	No
<i>RIN2</i>	5.35	13.34	1.77	1.68	2.258267717	0.969066891	1.04919	0	No
<i>PTPRA</i>	21.08	13.86	90.16	63.75	0.673007246	0.710262314	-0.501762	-0.582082	No
<i>DAP3</i>	18.8	25.04	50.82	46.32	1.315151515	0.913168501	0.24073	-0.142143	No
<i>RHBG</i>	11.53	12.58	3.90	5.55	1.083798883	1.33689371	0	0.153621	No
<i>KHDC4</i>	4.96	3.41	1.86	4.10	0.739932886	1.781607122	-0.179839	0.584988	No
<i>NES</i>	1.99	3.16	7.87	10.29	1.391304348	1.272346321	0.149011	0	No
<i>BCAN</i>	418.43	424.34	0.52	2.75	1.014090551	2.465747045	0	1.46855	No
<i>ARHGEF11</i>	22.25	22.33	49.49	46.03	1.00344086	0.931376408	0	-0.0657053	No
<i>RAB25</i>	1.05	1.13	<0.1	NA	1.03902439	NA	0	NA	No
<i>HAPLN2</i>	4.36	4.23	7.59	8.57	0.975746269	1.114630912	0	0	No
<i>DCAF8</i>	5.12	9.23	<0.1	NA	1.671568627	NA	0.635706	NA	No
<i>SYT11</i>	1.57	1.21	4.18	4.32	0.859922179	1.02764321	-0.0552606	0	No
<i>IGHMBP2</i>	69.32	65.73	264.40	249.07	0.948947668	0.942238705	0	-0.228816	No
<i>ACY3</i>	0.94	0.77	3.14	3.47	0.912371134	1.080916551	-0.0025956	0	No
<i>ALDH3B2</i>	6.39	6.3	9.12	9.40	0.98782138	1.027911548	0	0	No
<i>TESMIN</i>	75.66	90.4	2.32	2.27	1.192277589	0.985075416	0.210781	0	No
<i>MMACHC</i>	7.24	7.13	3.04	3.28	0.986650485	1.060288248	0	0	No
<i>DPH2</i>	1.77	1.57	2.68	2.29	0.927797834	0.893757668	0	-0.0824338	No
<i>TOE1</i>	1.25	1.61	3.06	3.48	1.16	1.102647222	0.106539	0	No
<i>NASP</i>	5.83	6.61	3.16	3.03	1.11420205	0.968138173	0	0	No
<i>MUTYH</i>	0.63	10.52	<0.1	NA	7.067484663	NA	3.72698	NA	No

CTNBL1	27.53	30.01	21.52	22.37	1.086926043	1.03779135	0.0430375	-0.0249985	No
LPIN3	0.21	1.26	1.49	3.03	1.867768595	1.616816498	1.84338	0.462943	No
ZSWIM3	0.27	1.09	0.33	0.49	1.645669291	1.120449799	1.26286	0	No
RBM38	4.83	4	5.09	5.42	0.857632933	1.054527835	-0.0687253	0	No
VSTM2L	1.02	0.99	8.18	9.22	0.985148515	1.113193426	0	0	No
OSER1	32.54	30.83	52.17	52.44	0.9490161	1.005161924	0	-0.0803085	No
SERINC3	16.62	13.55	0.27	0.57	0.825766175	1.235650529	-0.202359	0.404022	No
PPP1R3D	18.34	18.41	12.34	12.69	1.003619442	1.026189044	0	0	No
AL139352.1	1.07	0.49	<0.1	NA	0.719806763	NA	-0.657942	NA	No
DMGDH	19.29	20.68	<0.1	NA	1.068506654	NA	0	NA	No
AP3B1	0.94	1.71	4.42	4.66	1.396907216	1.043891968	0.343958	0	No
ZBED3	5.36	6.96	14.54	18.35	1.251572327	1.245381099	0.152765	0	No
PATJ	5.48	8.5	56.21	65.21	1.466049383	1.157250698	0.470017	0	No
KANK4	3.24	4.12	10.13	11.89	1.20754717	1.158313918	0.219478	0.00711456	No
FBXO44	11.34	9.12	41.16	40.66	0.820097245	0.988043896	-0.127875	-0.0491087	No
CPLANE2	13.87	15.06	34.77	35.82	1.0800269	1.029445097	0	0	No
CASP9	12.79	11.49	8.43	9.43	0.905728789	1.105962344	-0.0053254	0	No
DCTN4	4.36	4.63	9.97	10.55	1.050373134	1.052570666	0	0	No
ATP8A2	3.53	4.61	<0.1	NA	1.238410596	NA	0.210278	NA	No
ZMYM5	0.68	0.68	0.35	0.44	1	1.069442219	0	0	No
USPL1	0.79	0.71	2.22	1.83	0.955307263	0.878260128	0	-0.24741	No
XPO4	0.71	1.69	0.88	1.04	1.573099415	1.082726963	0.57061	0	No
POMP	0.54	0.66	<0.1	NA	1.077922078	NA	0	NA	No
CDK8	4.7	6.42	7.53	7.49	1.301754386	0.995558831	0.27097	-0.0091179	No
ALOX5AP	1.12	1.73	4.66	4.90	1.287735849	1.041612456	0.402125	0	No
HMGB1P5	0.18	0.64	<0.1	NA	1.389830508	NA	1.14123	NA	No
WASF3	2.53	4.02	<0.1	NA	1.422096317	NA	0.465678	NA	No
MYH10	11.68	11.08	35.83	35.35	0.952681388	0.987034121	0	-0.0704305	No
PEMT	17.59	20.05	20.74	22.03	1.132329209	1.059158293	0.0566504	0	No
SCO1	28.5	31.74	64.61	66.87	1.109830508	1.034399986	0.0507927	0	No
MPRIIP	8.55	10.36	31.54	29.59	1.189528796	0.939927328	0.0274229	-0.106499	No
CHI3L1	3.73	3.78	51.06	54.31	1.010570825	1.062475113	0	0	No
PIK3C2B	11.37	12.76	23.70	25.28	1.112368634	1.063842097	0.0448714	0	No
DSTYK	0.58	0.67	4.24	5.20	1.056962025	1.18282409	0	0.0399456	No
SLC41A1	0.37	2.78	1.23	3.90	2.759124088	2.198347506	2.10719	1.14233	No
LGR6	2.45	3.63	2.94	2.76	1.342028986	0.954134724	0.116297	0	No
TMCC2	1.5	3.16	<0.1	NA	1.664	NA	0.67285	NA	No
CCNA1	11.94	14.22	12.95	15.88	1.176197836	1.210350579	0.0531999	0	No

COG6	10.19	10.63	18.28	18.40	1.039320822	1.006436397	0	0	No
EPSTI1	26.12	21.23	36.13	38.04	0.819690265	1.051442021	-0.198672	0	No
RFXAP	24.52	22.95	100.23	110.83	0.938479624	1.104749453	0	0	No
TPT1	60.32	39.24	65.20	62.01	0.656229615	0.951793315	-0.541528	-0.0858829	No
GPALPP1	14.49	13.19	0.55	0.63	0.916074887	1.054126048	-0.0431571	0	No
RFC3	15.63	14.82	18.37	25.70	0.951292844	1.378280737	0	0.275827	No
STARD13	2.29	1.5	6.39	6.70	0.759878419	1.04144063	-0.170521	0	No
MORC4	8.54	19.75	<0.1	NA	2.175052411	NA	0.961105	NA	No
BEX2	0.59	1.03	17.74	19.82	1.27672956	1.110742708	0.180466	0	No
TBC1D8B	32.16	24.94	45.49	44.98	0.782267793	0.989017325	-0.255474	-0.0757831	No
TCEAL4	1.9	31.93	1.84	1.64	11.35517241	0.930506622	3.60137	0	No
FAM104A	23.24	21.21	<0.1	NA	0.916254125	NA	0	NA	No
SLC39A11	2.94	2.91	9.51	10.10	0.992385787	1.056536855	0	-0.0457287	No
EPHB2	0.24	0.27	<0.1	NA	1.024193548	NA	0	NA	No
SRRM1	6.61	7.44	6.21	7.41	1.109067017	1.166247364	0	0	No
BTBD2	9.56	10.22	11.37	15.87	1.0625	1.363492673	0	0.0219496	No
KMT5C	0.11	0.76	<0.1	NA	1.585585586	NA	1.22693	NA	No
ZNF414	16.59	17.82	24.32	22.78	1.069926094	0.939043464	0	-0.184356	No
PDE6B	40.37	28.86	17.64	17.93	0.721779067	1.015336297	-0.419551	-0.0844582	No
HSPBP1	9.91	9.79	29.17	31.07	0.989000917	1.063046451	0	0	No
CSNK1G2	2.11	2.61	8.68	10.05	1.160771704	1.141561353	0.150675	0.0464106	No
SLF1	3.53	4.75	4.01	4.74	1.269315673	1.146549899	0.227611	0	No
CNDP2	0.51	0.56	2.29	2.83	1.033112583	1.16557391	0	0	No
MACROD1	9.3	12.54	28.93	31.36	1.314563107	1.081220301	0.268679	0	No
WDR74	39.43	35.12	108.87	109.94	0.893395993	1.009761609	-0.112732	-0.087502	No
RTN3	83.75	101.79	2.13	2.25	1.212861357	1.039089056	0.230031	0	No
PLAAT4	76.74	67.72	<0.1	NA	0.883972215	NA	-0.09332	NA	No
PLAAT2	63.23	106.26	17.34	13.57	1.669936167	0.79427418	0.648669	-0.33684	No
CEP20	1.55	1.81	<0.1	NA	1.101960784	NA	0	NA	No
MED10	0.22	4.13	<0.1	NA	4.204918033	NA	2.51698	NA	No
PDZD2	266.95	181.29	<0.1	NA	0.680313491	NA	-0.519988	NA	No
MORC2	19.52	18.93	<0.1	NA	0.971247563	NA	0	NA	No
LARGE1	9.47	5.35	6.44	7.72	0.606494747	1.172381341	-0.629803	0	No
GSTT2B	4.44	6.61	2.49	2.82	1.398897059	1.093230716	0.321522	0	No
SLC2A11	25.19	21.4	5.30	6.07	0.855288278	1.122148645	-0.123181	0	No
C1QTNF6	23.05	32.95	1.70	1.80	1.411642412	1.038086821	0.428796	0	No
FAM83F	1.64	1.94	1.69	1.65	1.113636364	0.985597547	0	0	No
ZDHHC8P1	21.61	16.97	21.47	24.27	0.79478107	1.124593609	-0.224378	0	No

<i>ADCK2</i>	1.46	2.12	0.56	0.54	1.268292683	0.99037891	0.279075	0	No
<i>MKRN1</i>	7.04	4.1	0.23	0.14	0.634328358	0.923165367	-0.550025	0	No
<i>AGAP3</i>	12.99	20.98	6.13	6.81	1.57112223	1.094913734	0.556197	0	No
<i>KRBA1</i>	9.87	13.53	6.41	5.96	1.336706532	0.939851651	0.227175	0	No
<i>ZNF767P</i>	3.86	4.2	14.57	14.70	1.069958848	1.008346888	0	-0.0394312	No
<i>ACTR3B</i>	1.12	1	0.23	0.13	0.943396226	0.917795776	0	0	No
<i>BTG1</i>	0.74	1.78	0.34	0.79	1.597701149	1.335667173	0.230067	0	No
<i>C12orf29</i>	27.58	26.52	91.71	101.28	0.962911127	1.103247772	0	0	No
<i>ATP13A3</i>	219.25	194.3	146.26	157.99	0.886719637	1.079623456	-0.0866913	0	No
<i>TMEM254</i>	5.56	5.7	5.18	6.46	1.021341463	1.207407191	0	0.080312	No
<i>KRAS</i>	0.14	0.2	1.15	1.29	1.052631579	1.063468134	0	0	No
<i>IPO8</i>	18.94	15.35	9.75	10.91	0.81995988	1.107782199	-0.17015	0	No
<i>LARS1</i>	8.55	6.18	7.56	8.28	0.751832461	1.083969545	-0.322129	0	No
<i>IMPA1</i>	0.12	0.67	0.23	0.43	1.491071429	1.160397067	1.46453	0.0169922	No
<i>LRRCC1</i>	5.37	7.48	5.04	5.36	1.331240188	1.053010871	0.342565	-0.0401345	No
<i>E2F5</i>	6.44	5.68	10.99	12.53	0.897849462	1.128798879	-0.0141665	0	No
<i>CCDC59</i>	0.18	0.21	21.11	20.49	1.025423729	0.97175088	0	-0.109448	No
<i>SWAP70</i>	5.12	6.86	5.14	5.35	1.284313725	1.034568048	0.249118	0	No
<i>ARNTL</i>	4.91	7.45	42.56	44.31	1.429780034	1.040083154	0.410561	0	No
<i>AMPD3</i>	2.02	1.98	10.21	11.05	0.986754967	1.074934062	0	0	No
<i>SBF2</i>	0.2	0.32	0.38	0.61	1.1	1.165575268	0	0	No
<i>MICAL2</i>	3.84	5.19	2.05	4.40	1.27892562	1.771484768	0.104557	0.672707	No
<i>RRAS2</i>	4.27	6.54	<0.1	NA	1.430740038	NA	0.364524	NA	No
<i>HSD17B4</i>	0.15	1.1	0.18	0.39	1.826086957	1.17929008	1.88359	0	No
<i>ZFC3H1</i>	14.76	12.26	54.72	41.74	0.841370558	0.767006081	-0.0939229	-0.390438	No
<i>SARAF</i>	12.17	17.75	<0.1	NA	1.423690205	NA	0.407545	NA	No
<i>RNF122</i>	26.41	23.16	18.01	15.83	0.881430135	0.885140993	-0.0380194	-0.112027	No
<i>DPF2</i>	5.21	7.55	23.54	25.14	1.376811594	1.06535526	0.400897	0	No
<i>MEN1</i>	0.16	0.81	<0.1	NA	1.560344828	NA	0.806797	NA	No
<i>ERG28</i>	19.64	17.98	226.30	177.98	0.919573643	0.787417228	-0.0249936	-0.445537	No
<i>DGLUCY</i>	0.29	2.31	0.61	2.06	2.565891473	1.898878293	1.84007	0	No
<i>NUMB</i>	4.25	3.84	105.43	96.25	0.921904762	0.913724685	0	-0.177992	No
<i>COX16</i>	5.83	7.09	<0.1	NA	1.184480234	NA	0.0586286	NA	No
<i>TTC9</i>	1.29	1.83	7.98	8.24	1.23580786	1.028467026	0.0713143	0	No
<i>MED6</i>	2.18	2.3	42.04	39.18	1.037735849	0.933440838	0	-0.0989231	No
<i>EIF2S1</i>	0.46	0.69	5.30	4.22	1.157534247	0.82916714	0.180212	-0.0959953	No
<i>LOXL2</i>	13.38	9.09	<0.1	NA	0.701668985	NA	-0.347348	NA	No
<i>ELP3</i>	0.27	1.34	6.69	6.49	1.842519685	0.974231038	1.62777	-0.0107773	No

<i>CTIF</i>	0.26	0.95	1.00	1.00	1.547619048	1.000116782	1.11425	0	No
<i>MBD2</i>	174.18	91.04	13.04	14.49	0.525402443	1.103252434	-0.872553	0	No
<i>IER3IP1</i>	1.35	2.49	7.55	8.10	1.485106383	1.064815444	0.649458	0	No
<i>MRPS36</i>	8.56	10.34	<0.1	NA	1.186192469	NA	0.138584	NA	No
<i>CCNB1</i>	1.78	2.86	4.45	6.50	1.388489209	1.376402547	0.374036	0.198093	No
<i>CDK7</i>	6.12	5.99	8.69	8.59	0.981741573	0.990180102	0	-0.0243148	No
<i>IRAK2</i>	37.21	20.52	24.07	21.43	0.56320335	0.89457386	-0.719669	-0.195875	No
<i>CAMK1</i>	101.07	57.85	27.94	23.12	0.576565102	0.833329211	-0.758724	-0.318579	No
<i>THUMPD3</i>	13.14	11.39	42.78	43.10	0.876237624	1.007199747	-0.0531385	-0.0115841	No
<i>VHL</i>	127.93	93.8	190.58	173.38	0.735282712	0.910240654	-0.401206	-0.238386	No
<i>BHLHE40</i>	12.03	16.93	15.20	17.31	1.376055257	1.130212023	0.345646	0	No
<i>ARL8B</i>	44.83	54.38	11.90	9.15	1.208378791	0.786640818	0.188953	-0.386894	No
<i>EDEM1</i>	57.79	51.56	<0.1	NA	0.894029597	NA	-0.0877776	NA	No
<i>MEIS2</i>	7.87	29.97	1.51	1.84	3.491544532	1.133049635	1.71872	0	No
<i>DPH6</i>	43.86	53.18	139.53	130.91	1.207757468	0.938678279	0.194513	-0.160494	No
<i>KATNBL1</i>	1.39	6.51	6.80	8.72	3.142259414	1.246159044	1.58475	0	No
<i>EMC7</i>	1.78	1.86	<0.1	NA	1.028776978	NA	0	NA	No
<i>GNAT2</i>	13.1	9.66	26.06	29.84	0.756028369	1.139788029	-0.313715	0	No
<i>PRPF38B</i>	0.68	2.57	<0.1	NA	2.125	NA	1.38942	NA	No
<i>TSPAN2</i>	8.31	4.91	47.38	37.24	0.634801289	0.790327956	-0.553453	-0.389921	No
<i>GSTM3</i>	10.86	12.81	59.29	64.99	1.164418212	1.094618431	0.107629	0	No
<i>VAV3</i>	201.06	157.68	540.50	530.27	0.785311294	0.981105104	-0.295855	-0.158402	No
<i>PSRC1</i>	0.24	1.41	7.92	8.52	1.943548387	1.067053327	1.89878	0	No
<i>SORT1</i>	11.15	9.03	22.43	21.39	0.825514403	0.955512961	-0.139993	-0.0639488	No
<i>WNT2B</i>	0.28	1.23	<0.1	NA	1.7421875	NA	1.01405	NA	No
<i>PTGFRN</i>	5.04	3.6	12.73	10.41	0.761589404	0.83076665	-0.298132	-0.237376	No
<i>LAMTOR5</i>	26	21.82	27.10	29.86	0.845185185	1.098276932	-0.130046	0	No
<i>NOTCH2</i>	77.27	110.84	156.91	158.80	1.428899962	1.011983768	0.468288	-0.0716808	No
<i>TRIM45</i>	25.56	28.38	20.43	19.26	1.106174699	0.945323495	0.0522562	-0.181878	No
<i>CEPT1</i>	20.26	17.07	48.27	43.53	0.849952963	0.903711299	-0.0510469	-0.164211	No
<i>CD101</i>	60.39	38.98	83.33	76.87	0.651246131	0.923387677	-0.537088	-0.151906	No
<i>VTCN1</i>	59.93	36.23	254.67	228.59	0.61102905	0.898002989	-0.600357	-0.183156	No
<i>NGF</i>	0.98	1.01	1.04	1.11	1.015151515	1.035329381	0	0	No
<i>AP4B1</i>	10.38	9.72	8.40	7.79	0.942003515	0.935224196	0	-0.0605501	No
<i>NAPG</i>	1.58	2.16	3.37	3.24	1.224806202	0.970954048	0.00146061	-0.0136385	No
<i>SPIRE1</i>	5.21	4.52	5.89	6.59	0.888888889	1.10104123	0	0	No
<i>PPHLN1</i>	2.35	2.75	<0.1	NA	1.119402985	NA	0	NA	No
<i>FKBP11</i>	0.77	1.57	2.83	2.36	1.451977401	0.877487919	0.602685	-0.0567765	No

ARF3	28.36	34.17	51.03	42.88	1.197888283	0.843300719	0.178442	-0.324102	No
TMEM106C	0.11	0.05	<0.1	NA	0.945945946	NA	0	NA	No
SLC38A2	4.94	5.32	<0.1	NA	1.063973064	NA	0	NA	No
PLEKHA8P1	215.63	194.4	146.07	140.13	0.9019988	0.959638602	-0.118496	-0.165772	No
YWHAQ	4.36	3.54	21.21	21.69	0.847014925	1.021596801	-0.12149	-0.0256718	No
KIDINS220	46.89	39.45	406.22	382.02	0.844643976	0.940577503	-0.165518	-0.156821	No
GRHL1	4.3	16.83	<0.1	NA	3.364150943	NA	1.66296	NA	No
ROCK2	1.45	1.93	4.03	3.50	1.195918367	0.895536418	0.044132	-0.141311	No
RSAD2	0.51	3.52	22.19	22.41	2.993377483	1.009284621	2.31247	0	No
LPIN1	0.21	1.03	<0.1	NA	1.67768595	NA	1.73969	NA	No
CMPK2	13.33	10.13	49.02	39.68	0.776692254	0.813271366	-0.250258	-0.411519	No
IAH1	75.04	52.65	0.91	1.21	0.705549711	1.155973382	-0.44972	0	No
LDHA	20.15	16.04	<0.1	NA	0.805673759	NA	-0.25163	NA	No
SAA2	22.09	15.41	113.00	106.84	0.710697272	0.945957869	-0.370916	-0.146822	No
IL6ST	3.6	5.54	8.86	9.44	1.42173913	1.058655635	0.432236	0	No
FST	51.05	65.7	140.31	133.75	1.281460134	0.953589005	0.278426	-0.176711	No
NAV1	0.12	0.44	<0.1	NA	1.285714286	NA	0.0770241	NA	No
CDC73	8.93	8.87	20.45	18.96	0.993957704	0.930431504	0	-0.132914	No
TIMM17A	0.28	1.27	2.98	3.78	1.7734375	1.200425034	1.23467	0	No
RPS15A	0.48	1.24	1.02	1.32	1.513513514	1.149899669	0.820971	0	No
NARS1	40.36	40.28	<0.1	NA	0.998065764	NA	0	NA	No
RELCH	0.14	1.01	<0.1	NA	1.763157895	NA	1.98294	NA	No
FBH1	8.54	12.18	6.80	5.51	1.381551363	0.834354097	0.396138	-0.30113	No
RBM17	35.69	41.76	35.88	38.81	1.165440174	1.079481668	0.123995	0	No
ANKRD16	3.55	2.59	6.45	6.20	0.789010989	0.966961637	-0.214116	-0.105964	No
ECHDC3	16.3	20.88	5.20	8.22	1.264739884	1.487325835	0.283418	0.382152	No
IL15RA	9.71	7.43	6.03	5.67	0.787114846	0.948716405	-0.14446	0	No
CCNH	0.64	5.19	0.21	1.31	3.774390244	1.90767141	2.03377	0.251219	No
TMEM241	8.9	6.42	<0.1	NA	0.749494949	NA	-0.351122	NA	No
KCTD1	17.74	18.63	23.25	23.36	1.047491996	1.00471965	0	0	No
CABLES1	30.72	29.39	26.01	26.18	0.958070618	1.006438891	0	-0.0311213	No
EMP1	0.12	0.09	<0.1	NA	0.973214286	NA	0	NA	No
RERG	0.14	0.55	1.23	1.47	1.359649123	1.105472465	1.24661	0	No
DDB2	0.24	1.19	4.02	4.90	1.766129032	1.174753681	1.73967	0	No
ACP2	3.39	4.85	23.48	17.26	1.332574032	0.74583227	0.251794	-0.474451	No
RTL8C	0.25	0.4	3.22	4.65	1.12	1.33957354	0	0.234864	No
RAB33A	11.9	34.06	13.66	15.53	2.717829457	1.12747827	1.40259	0	No
RBMX2	3.36	3.97	13.39	12.14	1.139908257	0.913035785	0.0598249	-0.229552	No

STK26	0.43	1.04	<0.1	NA	1.426573427	NA	0.422289	NA	No
PUM1	0.97	1.45	<0.1	NA	1.243654822	NA	0	NA	No
SPOCD1	39.85	32.5	7.08	7.95	0.820073439	1.107173176	-0.245495	0	No
YARS1	7.7	7.14	6.86	7.61	0.935632184	1.095898293	0	0	No
PHC2	293.25	112.16	144.46	128.48	0.384570943	0.890140762	-1.33705	-0.243669	No
CDCA8	0.15	0.82	0.52	0.43	1.582608696	0.940005728	0.821645	0	No
GNL2	9.97	18.64	23.09	26.52	1.790337284	1.142568012	0.754602	0	No
AGO4	6.84	9.15	15.64	15.42	1.294642857	0.986710273	0.26174	-0.007057	No
HOOK1	19.4	21.53	19.05	19.95	1.104411765	1.044684504	0.00187303	0	No
BTF3L4	14.87	13.32	8.92	10.12	0.902331443	1.121364974	-0.0129452	0	No
TUT4	27.6	37.26	24.27	24.64	1.337762238	1.014631208	0.377877	-0.0734024	No
PRPF38A	51.26	45.58	76.63	73.74	0.891312667	0.962797573	-0.0606452	-0.0640678	No
DSC2	104.77	117.37	87.67	84.88	1.119126406	0.968485528	0.0847993	-0.0596707	No
DSG3	197.25	171.8	277.42	268.05	0.871626734	0.966332723	-0.160274	-0.171716	No
RNF138	27.93	18.97	<0.1	NA	0.690286899	NA	-0.387798	NA	No
ELP2	83.9	40.48	32.02	29.20	0.488574794	0.914600858	-0.957966	-0.218517	No
DSC3	21	22.06	17.81	18.52	1.048181818	1.037960373	0	0	No
TPGS2	44.87	51.46	80.86	81.70	1.143666885	1.010277261	0.119453	-0.0563727	No
DAGLA	52.73	55.6	66.56	56.71	1.053415224	0.854231216	0	-0.210673	No
SLC43A3	5.19	6.36	21.17	19.70	1.18901454	0.93377671	0.1123	-0.193609	No
TIMM10	0.38	3.04	1.66	1.97	2.927536232	1.115663368	2.20222	0	No
DHX34	10.66	7.28	12.37	10.90	0.710120069	0.890034522	-0.38149	-0.248346	No
FADS2	12.04	18.91	4.14	3.29	1.526840491	0.835452802	0.527225	-0.2489	No
TMEM258	16.69	18.56	38.11	32.25	1.10570944	0.85004582	0.0295037	-0.338416	No
TMEM165	11.27	10.24	19.22	16.17	0.91605542	0.849084408	0	-0.220283	No
CLOCK	3.03	5.96	0.21	0.18	1.727047146	0.974598152	0.640207	0	No
GGACT	76.04	81.6	<0.1	NA	1.072170301	NA	0.018795	NA	No
COL4A2	5.72	6.88	12.68	11.71	1.172619048	0.928885844	0	-0.138176	No
DZIP1	2.79	4.41	14.23	17.65	1.427440633	1.224749832	0.387467	0.0230724	No
UBAC2	4	5.27	7.17	7.25	1.254	1.010352018	0.279188	0	No
ARGLU1	8.56	11.46	1.99	2.12	1.30334728	1.044961866	0.289943	0	No
BIVM	7.75	11.36	11.08	10.95	1.412571429	0.988922706	0.390746	-0.0373826	No
ERCC5	4.44	4.53	34.36	32.72	1.016544118	0.953512028	0	-0.0786544	No
TPP2	69.3	68.08	241.80	213.79	0.982645804	0.884639627	0	-0.215747	No
POGLUT2	4.95	7.98	<0.1	NA	1.509243697	NA	0.476746	NA	No
CARS2	23.65	33.14	105.97	109.60	1.384989858	1.033946734	0.420357	-0.044881	No
ARHGAP32	1.41	2.92	1.36	1.63	1.626556017	1.116434732	0.763179	0	No
STT3A	1.23	7.24	28.15	17.24	3.695067265	0.625814075	2.24277	-0.747099	No

<i>ETS1</i>	16.98	29.39	37.10	37.81	1.690211346	1.018601571	0.676036	-0.0007385	No
<i>SLC37A2</i>	4.19	8.1	3.82	4.32	1.753371869	1.103493024	0.671382	0	No
<i>TMED7</i>	1.34	1.22	21.13	19.08	0.948717949	0.907586201	0	-0.171234	No
<i>APC</i>	1.59	3.03	0.72	1.14	1.555984556	1.242918744	0.677707	0.154368	No
<i>NREP</i>	0.76	1.05	3.04	3.45	1.164772727	1.101895006	0.0707836	0	No
<i>WDR36</i>	6.82	6.66	54.16	46.28	0.979539642	0.857063554	0	-0.293141	No
<i>OSTF1</i>	2.48	3.23	12.55	13.01	1.215517241	1.033880236	0.123504	0	No
<i>RFK</i>	10.49	13.35	17.91	19.99	1.248912097	1.110175773	0.19854	0	No
<i>UBQLN1</i>	5.09	4.39	12.25	12.20	0.885057471	0.995887346	-0.0470478	0	No
<i>NAA35</i>	1.76	3.43	1.07	1.57	1.605072464	1.242604289	0.748279	0.0552072	No
<i>C9orf40</i>	6.8	6.65	3.88	3.95	0.980769231	1.014844607	0	0	No
<i>ANXA1</i>	0.24	12.63	<0.1	NA	10.99193548	NA	4.17678	NA	No
<i>CTSL</i>	3.3	3.39	4.19	4.80	1.020930233	1.118093028	0	0	No
<i>CEMIP2</i>	1.74	2.56	1.40	1.85	1.299270073	1.185897339	0.252395	0	No
<i>AGTPBP1</i>	63.17	73.21	105.14	114.95	1.156459405	1.092405303	0.160306	0	No
<i>GOLM1</i>	3.7	4.18	5.80	7.45	1.10212766	1.242655547	0	0	No
<i>FAM189A2</i>	1.15	4.95	<0.1	NA	2.76744186	NA	1.83559	NA	No
<i>PSAT1</i>	1.98	2.82	2.67	3.13	1.281879195	1.124644577	0.267828	0	No
<i>ISCA1</i>	19.56	21.61	12.27	12.46	1.099708171	1.014355757	0.0388715	-0.0696856	No
<i>ADAM19</i>	13.55	18.13	12.25	12.81	1.314776632	1.042169128	0.26219	0	No
<i>CCNJL</i>	14.89	14.44	72.38	77.41	0.971680302	1.068508118	0	0	No
<i>TAOK3</i>	3.76	4.33	2.86	3.41	1.119747899	1.143072064	0	0	No
<i>USP30</i>	14.64	12.3	3.31	5.86	0.850383632	1.59153582	-0.0773215	0.448835	No
<i>MSI1</i>	76.39	34.9	20.17	16.56	0.463884223	0.829339261	-1.06101	-0.343224	No
<i>FBXO21</i>	1.61	1.46	5.23	4.96	0.942528736	0.956310667	0	-0.0832898	No
<i>TBX3</i>	9.38	19.97	2.33	3.90	2.020231214	1.471833732	0.84189	0.311021	No
<i>OASL</i>	42.13	61.01	62.96	69.56	1.437746348	1.103191566	0.446531	0	No
<i>HRK</i>	1.46	1.8	4.16	4.51	1.138211382	1.068295961	0	0	No
<i>RNFT2</i>	9.78	13.2	49.05	45.01	1.317254174	0.919330993	0.171328	-0.0698124	No
<i>P2RX4</i>	0.13	0.49	4.54	4.96	1.318584071	1.075518539	1.23529	0	No
<i>BICDL1</i>	131.64	103.43	439.27	437.96	0.787319059	0.997023194	-0.301552	-0.0849027	No
<i>DTX1</i>	21.98	26.61	21.37	19.73	1.201479547	0.926544589	0.164678	-0.167153	No
<i>TRAFD1</i>	10.35	11.49	38.87	35.42	1.100440529	0.913544739	0.0596224	-0.18245	No
<i>DMTF1</i>	11.71	16.52	35.16	36.48	1.378442172	1.036564509	0.331859	0	No
<i>TMEM243</i>	51.2	53.93	41.15	39.40	1.052298851	0.958394732	0.0187572	-0.103511	No
<i>CCDC146</i>	6.53	3.11	46.87	48.07	0.545816733	1.025110687	-0.706239	-0.0199935	No
<i>TMEM60</i>	43.37	33.84	134.95	148.08	0.785215236	1.096584673	-0.255677	0	No
<i>CD36</i>	7.99	10.17	2.28	2.38	1.242491657	1.031024246	0.127377	0	No

<i>PNPLA8</i>	13.33	13.68	6.98	7.91	1.024424285	1.116272013	0	0	No
<i>HILPDA</i>	65.07	69.01	2737.01	2775.17	1.059633722	1.013935832	0.0162623	-0.110477	No
<i>RINT1</i>	40.46	49.08	940.63	983.79	1.20791124	1.045834605	0.188839	-0.0382476	No
<i>SRPK2</i>	4.77	5.86	0.18	0.28	1.188908146	1.08236576	0.174483	0	No
<i>KCP</i>	4.39	5.3	8.92	9.39	1.168831169	1.047187104	0.116675	0	No
<i>TES</i>	4.27	2.75	11.37	12.14	0.711574953	1.062052812	-0.376053	0	No
<i>MDFIC</i>	2.76	4.09	19.98	21.32	1.353723404	1.063808577	0.310093	0	No
<i>MTO1</i>	8.47	11.01	12.82	16.42	1.268215417	1.260180272	0.224884	0.118846	No
<i>ANKRD6</i>	1.85	1.52	5.53	8.33	0.884210526	1.428026479	0	0.26061	No
<i>KHDC1</i>	7.2	8.1	4.88	5.58	1.109756098	1.119847041	0	0	No
<i>SYNCRIP</i>	3.94	3.97	11.58	10.88	1.006072874	0.944203277	0	-0.125697	No
<i>SNX14</i>	8.03	6.86	4.68	5.21	0.870431894	1.092844288	-0.0573938	0	No
<i>NT5E</i>	1.41	1.94	5.70	6.17	1.219917012	1.070144738	0.0637616	0	No
<i>AKIRIN2</i>	6.18	5.78	2.47	3.39	0.944289694	1.265661765	0	0.134269	No
<i>ORC3</i>	10.16	13.16	5.68	6.34	1.268817204	1.0981043	0.260113	0	No
<i>LCA5</i>	1.42	3.01	12.09	13.26	1.657024793	1.089170341	0.778182	0	No
<i>MAP3K7</i>	0.94	0.66	1.37	1.64	0.855670103	1.116033299	0	0	No
<i>PRR5L</i>	0.25	0.56	28.99	21.23	1.248	0.741383505	0	-0.445824	No
<i>LMO2</i>	0.46	1.38	5.34	5.28	1.630136986	0.991007121	0.903163	0	No
<i>PHF21A</i>	4.86	12.07	0.11	0.31	2.230375427	1.180550825	1.07887	0	No
<i>NAT10</i>	1.45	1.8	0.70	0.96	1.142857143	1.154156756	0	0	No
<i>EHF</i>	30.97	23.34	149.91	145.18	0.761338755	0.96862766	-0.345289	-0.154351	No
<i>ELF5</i>	14.54	13.44	0.31	0.37	0.929214929	1.047172225	0	0	No
<i>PRRG4</i>	69.84	80.32	51.30	54.88	1.147939018	1.068370792	0.119844	0	No
<i>CAPRIN1</i>	356.85	287.42	1685.33	1770.70	0.805980159	1.050627451	-0.268992	0	No
<i>ATP5MC2</i>	6.82	15.06	21.46	25.11	2.05370844	1.162322271	0.919868	0	No
<i>DNAJC14</i>	1.09	0.94	0.10	0.06	0.928229665	0.966441967	0	0	No
<i>CD63</i>	87.98	83.61	154.52	130.08	0.95088784	0.842876867	-0.0215133	-0.334704	No
<i>PRPH</i>	33.14	26.26	61.44	58.55	0.79847686	0.953722256	-0.204311	-0.0948872	No
<i>AVIL</i>	3.95	3.85	0.15	0.31	0.97979798	1.134821639	0	0	No
<i>GDF11</i>	68.73	60.54	126.15	136.96	0.882546967	1.084996016	-0.0705411	0	No
<i>GLS2</i>	3.17	2.01	12.12	13.45	0.721822542	1.101384066	-0.44788	0	No
<i>ITGA7</i>	39.63	49.39	74.15	78.37	1.240216589	1.056112804	0.256675	-0.0220029	No
<i>FAM186B</i>	28.55	31.19	16.99	15.19	1.089340102	0.900135761	0.0439484	-0.159651	No
<i>BLOC1S1</i>	53.2	53.13	60.02	61.04	0.998708487	1.016733106	0	-0.0297284	No
<i>CDK4</i>	8.23	5.07	10.51	10.08	0.657638137	0.962215044	-0.557089	-0.028508	No
<i>TROAP</i>	5.62	4.7	30.50	38.28	0.86102719	1.247061048	-0.0936055	0.105192	No
<i>TSPAN31</i>	3.3	2.1	17.32	12.82	0.720930233	0.754261195	-0.377361	-0.236054	No

<i>B4GALNT1</i>	19.34	16.74	<0.1	NA	0.872173058	NA	-0.10229	NA	No
<i>TFCP2</i>	14.13	17.24	14.42	16.32	1.205551884	1.123478254	0.205147	0	No
<i>COQ10A</i>	7.3	6.68	19.34	16.75	0.925301205	0.872535588	0	-0.127481	No
<i>PAN2</i>	20.41	16.13	38.77	39.81	0.800093414	1.026210007	-0.149574	-0.0025407	No
<i>ESPL1</i>	40.96	31.68	66.28	59.42	0.778836988	0.898028785	-0.283984	-0.189725	No
<i>KRT87P</i>	0.79	12.41	250.27	217.93	7.491620112	0.871285069	3.3079	-0.295674	No
<i>KRT7</i>	52.6	38.18	29.14	31.78	0.730970149	1.087540992	-0.359916	0	No
<i>ZC3H10</i>	1.8	1.69	7.30	7.28	0.960714286	0.997093249	0	-0.0109949	No
<i>HNRNPA1</i>	0.24	0.38	2.12	2.75	1.112903226	1.202763874	0.0926044	0.098548	No
<i>ACVR1B</i>	3.47	4.79	2.67	2.59	1.295302013	0.978113456	0.197767	0	No
<i>OS9</i>	3.07	2.99	16.69	17.88	0.98034398	1.067321867	0	0	No
<i>KCNH3</i>	2.96	11.07	<0.1	NA	3.047979798	NA	1.52177	NA	No
<i>LTV1</i>	2.29	9.82	<0.1	NA	3.288753799	NA	1.84196	NA	No
<i>MAP7</i>	49.8	62.3	83.19	86.21	1.246062992	1.035897853	0.264503	-0.044184	No
<i>CD164</i>	16.04	14.06	29.80	32.68	0.883802817	1.093462109	-0.0729607	0	No
<i>AFG1L</i>	0.67	2.53	<0.1	NA	2.113772455	NA	1.41921	NA	No
<i>NHSL1</i>	0.15	0.3	0.29	0.54	1.130434783	1.19611115	0.203125	0	No
<i>AHI1</i>	0.17	0.29	47.19	46.61	1.102564103	0.988045365	0	-0.0866474	No
<i>PKIB</i>	8.15	5.22	15.14	17.18	0.679781421	1.126260229	-0.312008	0	No
<i>SMPD2</i>	4.91	5.52	13.78	15.87	1.10321489	1.14132469	0	0.00261648	No
<i>MICAL1</i>	2.98	3.1	4.89	5.62	1.030150754	1.123547095	0	0	No
<i>REPS1</i>	5.59	6.26	2.20	2.46	1.101669196	1.082512632	0	0	No
<i>STX11</i>	22.6	21.97	24.86	24.64	0.973305085	0.991485401	0	-0.0005948	No
<i>TEC</i>	10.09	12.86	27.25	26.71	1.249774572	0.980894865	0.217888	-0.0930622	No
<i>PRADC1</i>	3.36	6.83	1.74	2.29	1.79587156	1.199856454	0.783672	0	No
<i>SEMA4F</i>	0.64	1.64	1.77	1.75	1.609756098	0.991827442	0.960803	0	No
<i>CCT7</i>	0.7	2.05	<0.1	NA	1.794117647	NA	0.989603	NA	No
<i>RAB11FIP5</i>	8.73	9.21	<0.1	NA	1.049331963	NA	0	NA	No
<i>SMYD5</i>	1.77	2.38	28.84	23.71	1.220216606	0.828056122	0.104278	-0.362057	No
<i>DYSF</i>	10.42	8.92	40.58	44.40	0.868651489	1.091835144	-0.0390832	0	No
<i>CCDC142</i>	22.24	24.24	11.91	12.34	1.08605852	1.03298453	0.0355184	0	No
<i>EMX1</i>	3.3	5.57	5.55	5.64	1.527906977	1.013077634	0.413829	0	No
<i>KCNMB4</i>	14.75	21.37	0.64	0.36	1.42031746	0.82943623	0.41492	-0.228324	No
<i>USP15</i>	2.76	4.12	4.74	4.78	1.361702128	1.006466383	0.316786	0	No
<i>GNS</i>	1.93	2.9	6.67	6.98	1.33105802	1.040323407	0.118094	0	No
<i>CPM</i>	4.69	5.26	11.16	13.05	1.100175747	1.155398919	0	0	No
<i>MDM2</i>	10.47	14.71	1.81	2.23	1.369659983	1.148318689	0.307416	0	No
<i>KLHL36</i>	71.3	74.5	5.89	8.17	1.044260028	1.330726207	0	0.111216	No

<i>BCO1</i>	0.17	0.96	0.76	0.81	1.675213675	1.028206261	1.50617	0	No
<i>MPHOSPH6</i>	191.03	127.81	59.03	60.22	0.670780607	1.019851151	-0.533492	-0.0405329	No
<i>KIAA0513</i>	6.08	10.06	5.36	4.80	1.562146893	0.911402058	0.543398	0	No
<i>DYNC1LI2</i>	18.05	19.35	6.98	6.12	1.06824147	0.892561548	0	-0.16748	No
<i>FBXL8</i>	5.17	7.16	9.49	8.56	1.322528363	0.9110057	0.279676	-0.127592	No
<i>FHOD1</i>	1.35	5.01	1.55	1.72	2.557446809	1.068318683	1.50945	0	No
<i>CCDC102A</i>	30.3	33.9	47.61	48.95	1.115015974	1.027509598	0.0496589	-0.021615	No
<i>SLC9A5</i>	21.04	21.09	28.70	27.82	1.002268603	0.970342128	0	-0.137526	No
<i>PCNX2</i>	0.22	1.68	0.12	0.02	2.196721311	0.9147211	1.76881	-0.273685	No
<i>KCNK1</i>	5.8	7.64	18.18	22.18	1.270588235	1.208802403	0.0913437	0.050501	No
<i>URB2</i>	10.72	9.32	36.04	37.47	0.880546075	1.038702394	-0.0838074	-0.0044969	No
<i>EGLN1</i>	0.39	0.41	0.33	0.40	1.014388489	1.054247644	0	0	No
<i>COG2</i>	18.91	15.98	45.82	42.66	0.85283777	0.932593666	-0.148337	-0.190631	No
<i>ABCB10</i>	4.06	6.28	0.62	1.48	1.438735178	1.532311263	0.438122	0.359594	No
<i>NTPCR</i>	47.73	30.97	121.94	110.08	0.656064026	0.903527741	-0.561564	-0.258429	No
<i>TAF5L</i>	0.56	1.63	0.20	0.15	1.685897436	0.958949463	0.897473	0	No
<i>GLUL</i>	5.63	3.53	10.02	8.75	0.683257919	0.885094526	-0.431867	-0.0283037	No
<i>STX6</i>	2.3	3.19	33.41	35.35	1.26969697	1.056367512	0.269646	-0.0099145	No
<i>RNASEL</i>	0.34	1.77	90.11	91.68	2.067164179	1.017230278	1.82572	-0.0239701	No
<i>DHX9</i>	0.54	0.28	7.86	7.22	0.831168831	0.927722771	0	-0.505634	No
<i>KIAA1614</i>	14.7	13.89	16.08	16.25	0.948407643	1.009795577	0	0	No
<i>CEP350</i>	1.92	1.83	9.78	9.79	0.969178082	1.001248482	0	0	No
<i>NPL</i>	4.83	5.23	11.00	12.41	1.068610635	1.117332654	0	0	No
<i>NIBAN1</i>	11.08	13.65	11.20	12.52	1.212748344	1.108135245	0.175478	0	No
<i>PIGC</i>	3.29	4.08	9.40	10.36	1.184149184	1.092300641	0.129033	0	No
<i>LAMC1</i>	19.19	19.26	36.74	38.71	1.003467063	1.052220711	0	0	No
<i>RC3H1</i>	5	5.12	11.72	12.71	1.02	1.077814352	0	0	No
<i>SP110</i>	1.5	1.69	24.76	24.23	1.076	0.97927242	0	0	No
<i>MRPL44</i>	0.29	0.51	4.77	4.50	1.170542636	0.953415382	0.150279	-0.135402	No
<i>TTLL4</i>	0.15	0.17	15.87	14.62	1.017391304	0.925856769	0	-0.199535	No
<i>USP37</i>	1.28	2.21	7.95	10.11	1.407894737	1.241218998	0.536611	0.0980407	No
<i>ITM2C</i>	84.95	89.67	210.09	211.60	1.054915649	1.00713301	0.0236457	-0.0617205	No
<i>SLC19A3</i>	9.69	12.9	23.47	29.30	1.300280636	1.238300118	0.285334	0.113478	No
<i>SERPINE2</i>	2.66	4.06	6.81	7.13	1.382513661	1.040865358	0.312792	0	No
<i>DNAJB2</i>	6.28	9	3.91	4.07	1.373626374	1.032692161	0.372608	0	No
<i>WNT10A</i>	21.63	27.73	81.88	78.61	1.26955369	0.960512409	0.273527	-0.152043	No
<i>TMBIM1</i>	5.58	10.17	7.20	6.26	1.697568389	0.885679754	0.686136	-0.195312	No
<i>CYP27A1</i>	19.72	27.02	39.89	35.71	1.352316602	0.897854777	0.360235	-0.232472	No

<i>EIF4E2</i>	28.62	28.85	39.32	40.73	1.007765024	1.035011468	0	-0.0056015	No
<i>ARMC9</i>	0.43	6.46	100.50	109.37	5.216783217	1.0874075	3.22369	0	No
<i>CAB39</i>	12.8	14.98	10.95	11.49	1.157971014	1.045011592	0.0876901	0	No
<i>COX5B</i>	10.61	6.62	16.81	14.34	0.656330749	0.861115079	-0.431374	-0.195233	No
<i>REV1</i>	6.49	7.77	7.35	6.31	1.170894526	0.87528129	0.0950256	-0.157801	No
<i>TSGA10</i>	2.48	2.47	14.05	14.69	0.997126437	1.042309561	0	0	No
<i>MFSD9</i>	4.65	4.17	6.50	6.23	0.915044248	0.964661026	0	0	No
<i>TMEM127</i>	5.16	6.92	30.84	40.47	1.285714286	1.302588875	0.28486	0.233328	No
<i>EDAR</i>	2.93	1.66	0.14	0.14	0.676844784	0.997961997	-0.321859	0	No
<i>TGFBRAP1</i>	45.62	44.3	113.85	134.42	0.971685972	1.179104751	0	0	No
<i>GCC2</i>	2.04	2.16	3.18	3.35	1.039473684	1.041853172	0	0	No
<i>MRPS9</i>	1.95	2.99	5.85	6.65	1.352542373	1.116140705	0.297145	0	No
<i>C2orf49</i>	0.21	0.45	<0.1	NA	1.198347107	NA	0	NA	No
<i>ANKRD36</i>	8.22	11.2	12.70	13.82	1.323210412	1.081795912	0.319239	0	No
<i>EPC2</i>	4.03	5.15	11.87	13.75	1.222664016	1.145961893	0.205643	0.0029619	No
<i>ARHGEF4</i>	7.86	9.17	16.12	14.80	1.14785553	0.922994008	0	-0.127537	No
<i>ISCU</i>	51.85	59.46	0.81	0.90	1.143992431	1.05120382	0.14068	0	No
<i>ALDH1L2</i>	43.99	32.81	107.63	102.56	0.751500333	0.953289762	-0.346319	-0.180673	No
<i>USP44</i>	79.56	80.56	<0.1	NA	1.012413108	NA	0	NA	No
<i>SCYL2</i>	5.15	4.25	14.68	13.00	0.853658537	0.892936239	-0.0619561	-0.27967	No
<i>CKAP4</i>	24.34	19.64	0.16	0.45	0.814522494	1.249754673	-0.176692	0.0923803	No
<i>PLXNC1</i>	11.46	13.34	32.61	37.25	1.150882825	1.137928425	0.078354	0.00760524	No
<i>APPL2</i>	181.94	137.48	546.36	498.86	0.756969498	0.913226593	-0.350729	-0.243586	No
<i>PWP1</i>	7.77	8.25	7.51	6.32	1.054732041	0.859591158	0	-0.288491	No
<i>DRAM1</i>	2.98	6.53	60.43	61.88	1.891959799	1.023610532	0.826946	-0.015214	No
<i>WASHC4</i>	0.68	1.87	10.23	11.42	1.708333333	1.10556488	1.03988	0	No
<i>SLC41A2</i>	1.98	1.76	12.87	14.95	0.926174497	1.150137955	0	0	No
<i>VILL</i>	13.46	16.27	<0.1	NA	1.194329184	NA	0.0394388	NA	No
<i>FLNB</i>	1.24	1.27	3.43	3.51	1.013392857	1.017570586	0	0	No
<i>VPS36</i>	10.14	12.6	1.93	2.60	1.220825853	1.229093734	0.188878	0.0569622	No
<i>RNASEH2B</i>	0.86	1.53	0.54	0.81	1.360215054	1.174296144	0.26016	0	No
<i>CKAP2</i>	1.28	1.51	4.19	4.54	1.100877193	1.066753816	0	0	No
<i>TBC1D4</i>	17.9	16.4	12.19	15.38	0.920634921	1.241803712	0	0.0200155	No
<i>THSD1</i>	63.77	48.42	103.99	100.96	0.763007565	0.971126777	-0.317034	-0.113271	No
<i>BORA</i>	39.71	28.13	34.39	36.27	0.715549005	1.053262088	-0.369884	-0.0101391	No
<i>LRCH1</i>	3.54	3.96	14.62	16.53	1.092511013	1.122143038	0	0	No
<i>SUCLA2</i>	7.19	11.92	22.43	20.45	1.577533578	0.915521476	0.561471	-0.153252	No
<i>RCBTB1</i>	5.64	8.09	11.93	11.92	1.368975904	0.999523845	0.343025	-0.0597061	No

<i>MED4</i>	14.75	15.92	53.53	51.35	1.074285714	0.960076942	0	-0.112184	No
<i>PHF11</i>	12.45	19.37	<0.1	NA	1.514498141	NA	0.512084	NA	No
<i>RPL13AP25</i>	0.19	1.98	<0.1	NA	2.504201681	NA	2.25983	NA	No
<i>COG3</i>	1.87	2.38	0.56	0.55	1.177700348	0.994479935	0.0399043	0	No
<i>LMO7</i>	44.63	36.57	15.61	15.50	0.823361823	0.993637034	-0.173804	0	No
<i>SCEL</i>	0.19	0.05	0.28	0.30	0.882352941	1.013503986	0	0	No
<i>ITM2B</i>	8.76	9.73	1.71	2.04	1.099385246	1.122526219	0.00772801	0	No
<i>SPRY2</i>	304.33	350.92	72.65	75.26	1.152589002	1.035406227	0.154167	-0.0852694	No
<i>NUDT15</i>	45.66	33.64	22.09	20.00	0.74239177	0.909432153	-0.269868	-0.0604745	No
<i>EDNRB</i>	3.97	5	3.41	3.22	1.207243461	0.956210153	0.0160606	0	No
<i>RCBTB2</i>	2.5	3.25	<0.1	NA	1.214285714	NA	0.14992	NA	No
<i>LCP1</i>	22.79	17.97	11.29	11.85	0.797393863	1.045549942	-0.226923	0	No
<i>SETDB2</i>	16.17	16.63	67.23	68.25	1.026790914	1.014946359	0	-0.100059	No
<i>SCRN1</i>	0.36	1.01	<0.1	NA	1.477941176	NA	0.672479	NA	No
<i>C7orf25</i>	17.48	18.8	<0.1	NA	1.071428571	NA	0	NA	No
<i>TNS3</i>	2.14	14.07	<0.1	NA	4.799363057	NA	2.47634	NA	No
<i>CHST12</i>	0.81	1.7	7.82	8.70	1.491712707	1.099315246	0.599504	0	No
<i>IGF2BP3</i>	7.77	9.54	8.77	10.65	1.201824401	1.192555834	0.17373	0.00713677	No
<i>GPNMB</i>	126.92	68.42	<0.1	NA	0.542682927	NA	-0.802106	NA	No
<i>RAPGEF5</i>	0.46	0.94	<0.1	NA	1.328767123	NA	0.110038	NA	No
<i>RAC1</i>	8.99	9.16	24.86	29.76	1.017017017	1.189291051	0	0.0192545	No
<i>KDEL2</i>	0.13	1.35	0.85	0.80	2.079646018	0.972919727	2.35258	0	No
<i>NUP42</i>	4.1	4.78	7.32	7.32	1.133333333	1.000317827	0.0529881	0	No
<i>IL6</i>	1.09	0.35	0.91	1.21	0.645933014	1.158857953	-0.0556161	0	No
<i>ZDHHC4</i>	4.01	5.86	<0.1	NA	1.369261477	NA	0.283988	NA	No
<i>BZW2</i>	5.62	4.14	<0.1	NA	0.776435045	NA	-0.23287	NA	No
<i>TBRG4</i>	1.08	1.5	7.07	6.64	1.201923077	0.946948045	0.0415508	-0.0132153	No
<i>DDX56</i>	17.94	18.28	24.66	23.05	1.017951426	0.937185015	0	-0.0771039	No
<i>HUS1</i>	4.94	8.08	19.86	22.02	1.528619529	1.103436138	0.422241	0	No
<i>DBNL</i>	12.08	14.76	82.96	91.53	1.204892966	1.1021294	0.185403	0	No
<i>CCM2</i>	1.44	1.35	27.67	27.84	0.963114754	1.00599599	0	-0.0116417	No
<i>TTYH3</i>	10.81	10.56	23.61	24.60	0.978831499	1.04012271	0	0	No
<i>TTC5</i>	5.61	6.08	6.94	8.91	1.071104387	1.248483271	0	0.0856672	No
<i>NKX2-8</i>	2.29	5.46	1.87	1.66	1.963525836	0.927105258	0.888838	0	No
<i>MTHFS</i>	32.47	56.51	77.86	86.65	1.718255154	1.111495098	0.69546	0	No
<i>ADAMTS7</i>	1.94	5.77	<0.1	NA	2.302721088	NA	1.11325	NA	No
<i>ABHD17C</i>	37.91	36.54	10.66	11.10	0.964790542	1.03761006	0	0	No
<i>IREB2</i>	35.56	40.76	27.91	29.41	1.142231947	1.051824565	0.114676	0	No

ALPK3	4.02	4.84	6.53	6.52	1.163346614	0.998470942	0	0	No
CIB2	0.3	0.83	<0.1	NA	1.407692308	NA	0	NA	No
CALCOCO2	0.25	0.12	<0.1	NA	0.896	NA	0	NA	No
RSAD1	1.21	0.64	7.25	5.74	0.742081448	0.81667824	-0.438139	-0.188055	No
NMT1	4.77	3.19	<0.1	NA	0.726169844	NA	-0.418882	NA	No
SRSF1	0.38	0.92	<0.1	NA	1.391304348	NA	0.688368	NA	No
VEZF1	13.14	13.07	10.92	12.87	0.995049505	1.163976003	0	0.0330462	No
CHAD	3.57	4.61	<0.1	NA	1.227571116	NA	0	NA	No
TACO1	2.19	2.14	3.65	3.53	0.984326019	0.974989545	0	-0.0323757	No
TEX2	13.23	12.6	20.88	23.60	0.955727337	1.124508857	0	0	No
DCAF7	0.12	0.12	<0.1	NA	1	NA	0	NA	No
LIMD2	6.31	5.85	3.74	4.76	0.937072503	1.216172537	0	0.0102775	No
BRIP1	1.47	1.65	3.57	4.38	1.072874494	1.177127469	0	0	No
KAT7	2.17	2.47	4.12	4.58	1.094637224	1.090132558	0	0	No
RTP4	39.78	43.68	79.24	86.69	1.095635115	1.092841526	0	0	No
ACTL6A	5.71	8.63	4.77	6.10	1.435171386	1.230187485	0.373892	0	No
NDUFB5	0.5	0.56	41.14	41.02	1.04	0.997036726	0	-0.0111464	No
MRPL47	33.01	33.45	<0.1	NA	1.012937371	NA	0	NA	No
TRA2B	0.23	0.26	<0.1	NA	1.024390244	NA	0	NA	No
MARCHF7	6.49	6.4	0.84	0.72	0.987983979	0.935394774	0	0	No
TANK	19.99	22.76	11.05	12.73	1.131967604	1.139707489	0.00610766	0	No
SKIL	3.72	4.01	19.05	17.87	1.061440678	0.941185939	0	-0.0858033	No
EPRS1	26.78	31.21	12.83	14.19	1.159467243	1.098370022	0.173142	0	No
HLX	0.16	0.41	1175.44	1691.65	1.215517241	1.438791859	0	0.36774	No
VPS45	2.85	5.58	2.89	3.26	1.709090909	1.09634818	0.784122	0	No
KCTD3	1.71	1.73	2.36	2.59	1.007380074	1.067382945	0	0	No
RPS6KC1	10.88	17.94	7.98	9.49	1.594276094	1.168535681	0.603764	0	No
CBWD2	0.41	1.36	0.63	0.85	1.673758865	1.135875642	1.15151	0	No
IL36G	0.38	4.08	9.42	9.37	3.68115942	0.995613181	2.57107	0	No
IL1RN	2.47	2.65	1.07	1.03	1.051873199	0.978758645	0	0	No
IL36RN	3.18	4.84	0.24	0.64	1.397129187	1.319248016	0.352614	0.440471	No
SMPD4	1.85	2	11.49	10.20	1.052631579	0.896636773	0	-0.019539	No
WDR33	17.49	32.68	24.28	26.45	1.821525149	1.085945444	0.766062	0	No
CCDC115	2.19	3.06	2.17	2.64	1.272727273	1.149667408	0.246258	0.0165738	No
SAP130	3.51	3.71	3.19	3.69	1.044345898	1.119247916	0	0	No
BIN1	6.96	11.37	<0.1	NA	1.554020101	NA	0.358731	NA	No
IMP4	0.11	0.24	0.56	0.86	1.117117117	1.195145055	0.170288	0.0591417	No
HS6ST1	20.79	17.69	17.48	18.54	0.857732905	1.057424372	-0.0748442	0	No

<i>UGGT1</i>	13.36	12.02	15.04	15.19	0.906685237	1.009230916	0	-0.0743286	No
<i>STAM</i>	7.25	5.49	11.03	9.77	0.786666667	0.895041038	-0.215325	-0.171687	No
<i>ABI1</i>	5.45	7.79	0.21	0.47	1.362790698	1.215023564	0.39194	0.450984	No
<i>YME1L1</i>	10.56	10.65	41.15	40.21	1.007785467	0.977659766	0	-0.140785	No
<i>DNAJC1</i>	28.59	11.69	77.96	59.17	0.428861102	0.761972356	-1.17971	-0.509141	No
<i>NIPSNAP3A</i>	13.69	9.92	<0.1	NA	0.743362832	NA	-0.317177	NA	No
<i>LRRC8A</i>	5.29	5.69	18.31	17.18	1.063593005	0.941440973	0	-0.0605218	No
<i>CDK9</i>	0.21	0.55	<0.1	NA	1.280991736	NA	0.508838	NA	No
<i>TXN</i>	82.1	48.05	30.10	26.59	0.590252708	0.887120131	-0.677195	-0.198057	No
<i>ODF2</i>	34.81	20.32	106.64	98.06	0.595364423	0.92025114	-0.665151	-0.221298	No
<i>ECPAS</i>	0.65	1	3.48	4.06	1.212121212	1.128782359	0.136858	0	No
<i>TOR1B</i>	2.42	2.91	17.06	18.09	1.143274854	1.056766074	0.0720112	0	No
<i>C9orf78</i>	47.92	26.01	27.16	21.58	0.55212592	0.801728074	-0.75131	-0.366739	No
<i>SMC2</i>	18.84	16.35	39.01	34.87	0.874495968	0.896645234	-0.0780226	-0.148558	No
<i>KLF4</i>	40.14	44.7	37.19	35.93	1.110841031	0.96712949	0.0852738	-0.102557	No
<i>TOR1A</i>	8.48	12.73	<0.1	NA	1.448312236	NA	0.188484	NA	No
<i>RALGPS1</i>	13.41	13.53	<0.1	NA	1.00832755	NA	0	NA	No
<i>NIBAN2</i>	39.38	39.68	54.46	60.29	1.007429421	1.105123882	0	0	No
<i>ST6GALNAC4</i>	2.63	5.63	0.11	0.19	1.826446281	1.074159358	0.952105	0.108033	No
<i>TMOD1</i>	5.07	7.03	16.01	17.97	1.322899506	1.115385613	0.334976	0	No
<i>DAB2IP</i>	0.46	0.52	<0.1	NA	1.04109589	NA	0	NA	No
<i>STXBP1</i>	16.6	19.23	<0.1	NA	1.149431818	NA	0	NA	No
<i>SLC2A8</i>	1.77	2.35	2.27	2.21	1.209386282	0.982801218	0.146376	0	No
<i>CDK5RAP2</i>	8.04	7.05	0.54	1.09	0.890486726	1.35836678	-0.0396018	0.249837	No
<i>ZFP37</i>	0.44	1.19	<0.1	NA	1.520833333	NA	1.10287	NA	No
<i>SLC31A2</i>	0.43	0.62	<0.1	NA	1.132867133	NA	0	NA	No
<i>SLC31A1</i>	14.25	11.62	15.05	14.79	0.827540984	0.983659383	-0.120135	-0.0521309	No
<i>ZNF189</i>	22.5	21.16	32.79	31.65	0.942978723	0.966318916	0	-0.0838338	No
<i>STX17</i>	8.14	9.68	52.10	50.01	1.168490153	0.960653228	0.14043	-0.099012	No
<i>PRPF4</i>	2.97	3.87	6.07	5.18	1.226700252	0.87427719	0.121697	-0.193772	No
<i>FPGS</i>	3.06	3.73	4.42	5.35	1.165024631	1.172344088	0	0	No
<i>USP20</i>	3.55	4.04	4.38	5.12	1.107692308	1.137243125	0	0	No
<i>KIF12</i>	23.32	16.26	5.37	5.86	0.709703947	1.077002799	-0.407031	0	No
<i>ATP6V1G1</i>	1.66	1.59	4.42	5.61	0.973684211	1.220038677	0	0	No
<i>TEX10</i>	30.64	28.67	14.79	18.67	0.937737042	1.245430664	-0.040648	0.137732	No
<i>GARNL3</i>	3.28	2.5	4.51	3.82	0.817757009	0.875432194	-0.020464	-0.0697788	No
<i>MRPL50</i>	5.85	5.48	12.38	13.56	0.945985401	1.08799293	0	0	No
<i>DPM2</i>	6.74	7.43	<0.1	NA	1.089147287	NA	0.0478584	NA	No

<i>TSTD2</i>	2.14	3.38	7.35	10.27	1.394904459	1.349751796	0.340917	0.190434	No
<i>GABBR2</i>	0.18	0.42	8.93	9.70	1.203389831	1.077977757	0.232988	0	No
<i>PSMB7</i>	0.11	0.2	1.30	1.44	1.081081081	1.058892067	0	0	No
<i>TRMO</i>	4	4.42	17.01	15.61	1.084	0.922187761	0	-0.116426	No
<i>RABEPK</i>	3.29	5.44	9.01	9.92	1.501165501	1.091182589	0.526364	0	No
<i>GOLGA1</i>	1.18	1.83	5.37	5.92	1.298165138	1.086439035	0.289087	0	No
<i>XPA</i>	1.35	2.46	9.34	10.88	1.472340426	1.148506052	0.544677	0	No
<i>NCBP1</i>	2.03	1.17	0.85	1.12	0.716171617	1.146927565	-0.576274	0.0117196	No
<i>ANP32B</i>	4.03	4.17	7.46	7.74	1.027833002	1.033224341	0	0	No
<i>PDCL</i>	16.55	22.64	2.80	2.91	1.347008547	1.028024206	0.316778	0	No
<i>RPL35</i>	4.38	3.35	41.94	43.16	0.808550186	1.028347166	-0.215801	0	No
<i>CTSV</i>	3.98	4.63	10.86	11.09	1.130522088	1.019640682	0.044424	-0.0370335	No
<i>LMX1B</i>	37.72	37.52	102.86	91.78	0.994834711	0.893341432	0	-0.246644	No
<i>ARPC5L</i>	2.94	3.42	3.05	2.77	1.121827411	0.931505301	0	0	No
<i>DSCC1</i>	16.6	18.36	23.75	26.25	1.1	1.100895379	0.05623	0	No
<i>DERL1</i>	12.19	16.12	33.74	29.63	1.297952995	0.881681583	0.271066	-0.249761	No
<i>MYC</i>	26.64	18.32	<0.1	NA	0.698986975	NA	-0.385527	NA	No
<i>CCN3</i>	2.64	2.21	<0.1	NA	0.881868132	NA	0	NA	No
<i>DMAC1</i>	9.33	9.55	17.83	17.82	1.021297193	0.999375117	0	-0.0664974	No
<i>RANBP6</i>	12.05	11.25	7.19	6.58	0.938697318	0.925424814	0	0	No
<i>POLR1E</i>	10.18	12.42	0.23	0.25	1.200357782	1.019184903	0.141945	0	No
<i>PLAA</i>	3.45	3.47	6.73	8.14	1.004494382	1.182291218	0	0	No
<i>IL11RA</i>	17.27	22.65	22.67	24.72	1.294471812	1.086426578	0.285639	0	No
<i>UBAP2</i>	26.17	27.8	0.24	0.31	1.059992639	1.05417871	0.00079091	0	No
<i>APTX</i>	3.22	3.74	13.67	13.66	1.123222749	0.999177708	0	0	No
<i>RNF38</i>	0.89	0.64	7.95	7.88	0.867724868	0.992213631	-0.0198953	-0.0563232	No
<i>TLN1</i>	3.81	3.38	13.18	13.28	0.910602911	1.007080135	0	-0.0222556	No
<i>DNAJB5</i>	1.33	1.59	36.40	42.43	1.111587983	1.161148987	0	0.00647547	No
<i>SPAG8</i>	7.2	10.1	8.63	11.33	1.353658537	1.280723783	0.186308	0.242303	No
<i>DCTN3</i>	51.72	63.36	68.94	67.93	1.220789074	0.985604331	0.199639	-0.0669432	No
<i>CD72</i>	6.39	6.72	14.61	14.19	1.044654939	0.973020348	0	0	No
<i>TMEM8B</i>	15.77	18.57	0.96	1.23	1.166964818	1.138857459	0.0923762	0	No
<i>GRHPR</i>	0.12	0.59	48.51	52.56	1.419642857	1.081730275	0.594125	0	No
<i>ALDH1B1</i>	7.81	7.5	12.62	13.08	0.964812713	1.033723349	0	0	No
<i>HINT2</i>	12.33	18.32	32.73	31.89	1.449362341	0.975172988	0.442217	-0.0923048	No
<i>ARHGEF39</i>	175.43	106.55	6.68	6.34	0.609590206	0.955689828	-0.668531	-0.0399265	No
<i>IGFBPL1</i>	24.36	27.78	49.38	52.27	1.134858044	1.057286761	0.0752312	0	No
<i>DENND4C</i>	10.94	11.51	55.33	48.03	1.047738693	0.870444709	0	-0.290333	No

<i>RPS6</i>	1.03	1.47	6.04	5.91	1.216748768	0.982012667	0.214525	0	No
<i>CNPY3</i>	0.56	0.6	1.66	2.10	1.025641026	1.163637991	0	0	No
<i>FOXP4</i>	1.18	1.4	4.15	5.18	1.100917431	1.200269199	0	0	No
<i>PPIL1</i>	37.22	39.09	42.13	48.47	1.048927263	1.146976439	0	0	No
<i>KLC4</i>	0.15	0.56	0.26	0.52	1.356521739	1.207857549	0	0	No
<i>KIF13A</i>	10.02	9.37	37.75	48.47	0.941016334	1.27669355	0	0.153711	No
<i>ZSCAN9</i>	4.86	7.62	0.16	0.32	1.470989761	1.135126157	0.406648	0	No
<i>PIM1</i>	9.78	14.05	1.77	2.87	1.396103896	1.3981428	0.374758	0.191561	No
<i>GMPR</i>	28.76	21.77	52.62	44.88	0.765120968	0.855617495	-0.271397	-0.292378	No
<i>CMTR1</i>	0.4	0.83	0.14	0.09	1.307142857	0.954284913	0.630456	0	No
<i>TFAP2A</i>	26.38	30.16	5.86	8.25	1.138056976	1.34797299	0.111622	0.224849	No
<i>YIPF3</i>	63.6	47.61	101.18	111.73	0.75247678	1.103265192	-0.32171	0	No
<i>TMEM14B</i>	8.03	9.37	18.50	20.66	1.148394241	1.11092307	0.138432	0	No
<i>TMEM63B</i>	1.76	3.41	3.37	4.79	1.597826087	1.324646035	0.609613	0.11807	No
<i>FRS3</i>	4.97	4.59	27.79	28.32	0.936348409	1.018578301	0	-0.0748665	No
<i>TJAP1</i>	0.14	0.22	0.91	1.11	1.070175439	1.106787385	0	0	No
<i>SLC22A23</i>	0.9	4.06	<0.1	NA	2.663157895	NA	1.65856	NA	No
<i>TUBB2A</i>	1.41	1.54	13.06	14.59	1.053941909	1.108564028	0	0	No
<i>LRRC1</i>	3.75	5.69	5.36	7.11	1.408421053	1.274980347	0.384924	0.11326	No
<i>FOXF2</i>	4.47	5.64	3.06	3.10	1.213893967	1.010644863	0.143988	0	No
<i>BPHL</i>	2.78	3.19	19.40	20.04	1.108465608	1.031306019	0.0181255	0	No
<i>RIPK1</i>	10.61	7.3	5.42	6.04	0.714900947	1.096279389	-0.371697	0	No
<i>TUBB2B</i>	46.79	40.08	88.40	86.66	0.859594057	0.980589494	-0.148362	-0.0980221	No
<i>UQCC2</i>	31.77	23.08	30.62	34.86	0.734818431	1.134202404	-0.34716	0	No
<i>HMGA1</i>	23.12	36.2	46.39	52.49	1.542288557	1.128714736	0.566068	0	No
<i>TCF19</i>	1.54	1.45	5.42	6.64	0.964566929	1.190518959	0	0	No
<i>FLOT1</i>	192.5	174.75	102.40	102.06	0.908268734	0.996751277	-0.0902944	-0.0697837	No
<i>IER3</i>	1.47	2.56	7.24	8.93	1.441295547	1.205263233	0.591013	0.085788	No
<i>MDC1</i>	3.49	4.42	0.16	0.23	1.207126949	1.056761394	0.14386	0	No
<i>PGBD1</i>	2.53	3.51	4.59	5.58	1.277620397	1.177210977	0.275493	0	No
<i>ATAT1</i>	3.98	4.19	6.21	5.79	1.042168675	0.942153719	0	-0.0148917	No
<i>TPMT</i>	1.27	3.1	3.36	3.75	1.806167401	1.08899574	0.899855	0	No
<i>RNF144B</i>	3.96	3.43	38.81	40.21	0.893145161	1.035267264	0	0	No
<i>NRM</i>	57.06	56.26	385.70	315.42	0.986221151	0.818263851	0	-0.400293	No
<i>MTCH1</i>	2.54	3.84	<0.1	NA	1.367231638	NA	0.217543	NA	No
<i>TAF8</i>	2.56	2.43	1.14	1.76	0.963483146	1.290752675	0	0.297337	No
<i>FAM8A1</i>	3.09	3.78	9.55	10.69	1.168704156	1.108327303	0.108534	0	No
<i>C6orf52</i>	25.52	21.58	71.95	71.99	0.851432881	1.000518483	-0.121119	-0.0195866	No

<i>FGFBP1</i>	97.46	65.88	890.97	914.53	0.679260613	1.026413138	-0.517109	-0.0601325	No
<i>CPEB2</i>	14.51	15.98	<0.1	NA	1.094777563	NA	0.00033544	NA	No
<i>FHDC1</i>	0.86	1.34	<0.1	NA	1.258064516	NA	0.309042	NA	No
<i>TLR2</i>	7.59	9.6	<0.1	NA	1.233993015	NA	0.192685	NA	No
<i>MGARP</i>	10.19	14.73	22.64	23.35	1.405719392	1.029942954	0.406217	0	No
<i>MYO7A</i>	1.78	2.55	3.54	3.72	1.276978417	1.039129401	0.0841876	0	No
<i>FCHSD2</i>	1.35	4.15	0.31	0.12	2.191489362	0.857297692	1.11114	0	No
<i>ARRB1</i>	4.65	3.9	21.67	19.69	0.867256637	0.912800367	-0.0349155	-0.0820352	No
<i>THAP12</i>	2.45	2.34	1.65	1.84	0.968115942	1.07047881	0	0	No
<i>ANKRD42</i>	3.55	5.74	2.31	3.04	1.481318681	1.22092136	0.514615	0.0324568	No
<i>IL18BP</i>	2.19	5.48	2.21	2.65	2.031347962	1.138180404	1.08188	0	No
<i>NUMA1</i>	67.84	60.44	0.37	0.83	0.892504358	1.33925565	-0.11759	0.323525	No
<i>CCDC90B</i>	0.86	0.44	<0.1	NA	0.774193548	NA	-0.280965	NA	No
<i>SYTL2</i>	11.56	12.59	18.94	21.01	1.082006369	1.1037844	0	0	No
<i>RAB30</i>	10.85	10.53	12.44	16.02	0.972995781	1.266393251	0	0.00319549	No
<i>CREBZF</i>	94.32	53.35	<0.1	NA	0.570184641	NA	-0.700348	NA	No
<i>LRRC32</i>	1.07	2.54	8.49	7.12	1.710144928	0.855472175	0.338619	-0.0495893	No
<i>PRCP</i>	9.44	8.84	11.41	11.36	0.942528736	0.995644413	0	0	No
<i>NARS2</i>	11.68	14.75	10.05	12.14	1.242113565	1.189293779	0.169011	0	No
<i>RNF121</i>	14.78	20.36	16.06	17.07	1.353612167	1.058951384	0.359814	0	No
<i>MRPL15</i>	3.02	3.48	<0.1	NA	1.114427861	NA	0	NA	No
<i>TTPA</i>	19.36	14.7	<0.1	NA	0.771119843	NA	-0.312623	NA	No
<i>GGH</i>	22.24	24.35	11.39	12.64	1.090791738	1.100824014	0.0287898	0	No
<i>TGS1</i>	33.53	46.96	31.08	29.19	1.388937156	0.941035856	0.373088	-0.132054	No
<i>SDCBP</i>	10.78	12.61	33.82	40.50	1.155348048	1.191983578	0.0917141	0.0196595	No
<i>NEK1</i>	1.5	2.68	9.93	10.03	1.472	1.009415278	0.547391	-0.0377227	No
<i>DDX60</i>	1.73	1.77	<0.1	NA	1.014652015	NA	0	NA	No
<i>SORL1</i>	4.13	5.66	10.61	11.89	1.298245614	1.110347742	0.246497	0	No
<i>TMPRSS4</i>	1.19	1.66	<0.1	NA	1.214611872	NA	0.251672	NA	No
<i>BUD13</i>	5.04	6.16	51.11	57.59	1.185430464	1.12426722	0.0919592	0	No
<i>CFAP300</i>	2.57	2.57	1.33	2.60	1	1.543174167	0	0.538582	No
<i>DCUN1D5</i>	2.15	1.62	<0.1	NA	0.831746032	NA	-0.0669229	NA	No
<i>YAP1</i>	2.63	3.28	18.16	16.80	1.179063361	0.929278559	0	-0.0856727	No
<i>TRIM29</i>	1.38	1.23	14.18	15.51	0.93697479	1.087793878	0	0	No
<i>SLC37A4</i>	3.51	2.92	0.12	0.16	0.869179601	1.034485833	-0.0428224	0	No
<i>POU2F3</i>	2.34	2.38	36.15	35.52	1.011976048	0.983122178	0	-0.0760192	No
<i>RDX</i>	2.05	2.58	7.26	7.77	1.173770492	1.061501938	0.0321082	0	No
<i>PPP2R1B</i>	37.53	32.49	94.06	92.56	0.869192837	0.984174071	-0.120753	-0.109178	No

<i>FDX1</i>	50.84	46.65	79.70	83.95	0.919174383	1.052703781	0	0	No
<i>C11orf1</i>	7.08	10.03	11.16	12.01	1.36509901	1.070012473	0.343031	0	No
<i>FXYP6</i>	17.77	51.69	298.69	231.35	2.807139052	0.775293765	1.47511	-0.487816	No
<i>TMPRSS13</i>	30.16	18.95	237.40	272.25	0.640243902	1.146203548	-0.54091	0	No
<i>CASP1</i>	9.9	8	45.35	43.32	0.825688073	0.956173064	-0.16825	-0.147497	No
<i>ALKBH8</i>	1.71	2.55	1.21	1.76	1.3099631	1.24717802	0.352432	0.329804	No
<i>MAP2K5</i>	0.55	1.23	13.48	12.05	1.438709677	0.901020803	0.484215	-0.165862	No
<i>SQOR</i>	8.9	12.1	<0.1	NA	1.323232323	NA	0.36409	NA	No
<i>CTDSPL2</i>	7.3	12.29	2.67	2.37	1.601204819	0.918448902	0.627023	-0.0580241	No
<i>SLTM</i>	50.42	63.12	25.08	21.53	1.246985609	0.863792324	0.256499	-0.276917	No
<i>THBS1</i>	17.87	18.67	71.75	77.16	1.042395337	1.074311753	0	0	No
<i>MAPKBP1</i>	0.93	0.97	4.27	5.00	1.020725389	1.139325981	0	0	No
<i>NUSAP1</i>	1.17	1.08	8.18	9.43	0.958525346	1.136128832	0	0	No
<i>NDUFAF1</i>	4.27	5.71	18.04	18.88	1.273244782	1.044370821	0.253849	0	No
<i>KIF23</i>	2.61	2.08	<0.1	NA	0.853185596	NA	0	NA	No
<i>KNL1</i>	3.3	3.22	36.76	37.24	0.981395349	1.01265088	0	-0.0107431	No
<i>HAUS2</i>	3.49	3.04	2.26	2.45	0.899777283	1.058561048	-0.0326455	0	No
<i>RTF1</i>	53.54	47.67	63.57	60.59	0.892372571	0.953893503	-0.110501	-0.136999	No
<i>PARP6</i>	11.73	19.17	7.66	11.43	1.58444619	1.434804822	0.60203	0.329729	No
<i>RPLP1</i>	2.34	4.72	5.32	6.96	1.71257485	1.259644589	0.763185	0.118786	No
<i>PAQR5</i>	9.93	6.95	10.89	12.17	0.727355901	1.107939183	-0.323492	0	No
<i>LRRC49</i>	0.93	1.68	2.00	2.55	1.388601036	1.184708223	0.574647	0.0378677	No
<i>TUBGCP4</i>	0.15	0.04	66.54	55.74	0.904347826	0.840156045	-0.200746	-0.337067	No
<i>RMDN3</i>	2.77	2.5	5.97	6.30	0.928381963	1.047189165	0	0	No
<i>ITPKA</i>	46.28	49.04	44.99	44.96	1.058375635	0.99925607	0	-0.0071976	No
<i>UACA</i>	6.7	14.11	6.67	7.54	1.962337662	1.113150813	0.88905	0	No
<i>SMAD6</i>	36.96	43.96	31.30	30.33	1.184404636	0.969847556	0.183994	-0.132243	No
<i>TMEM62</i>	4.93	7.64	9.13	9.37	1.456998314	1.023202383	0.458459	0	No
<i>PAK6</i>	10.91	19.67	12.25	11.05	1.735516373	0.909623094	0.659068	-0.171835	No
<i>ADAM10</i>	126.12	121.7	24.80	35.48	0.965229704	1.413975598	-0.0046755	0.240026	No
<i>DUOX1</i>	2.56	2.89	<0.1	NA	1.092696629	NA	0	NA	No
<i>STRA6</i>	1.5	1.34	5.85	6.82	0.936	1.142209487	0	0	No
<i>ZNF280D</i>	31.37	46.38	39.73	41.31	1.463700958	1.038672836	0.477098	-0.0106911	No
<i>RSL24D1</i>	0.25	0.21	0.30	0.06	0.968	0.817694498	0	-0.0829137	No
<i>GCOM1</i>	102.53	81.16	98.74	68.52	0.7935864	0.697049657	-0.259618	-0.583671	No
<i>GCHFR</i>	5.94	9.94	5.16	5.80	1.576368876	1.103105367	0.520542	0	No
<i>BCAR3</i>	7.36	5.72	<0.1	NA	0.803827751	NA	-0.207543	NA	No
<i>FNBP1L</i>	1.81	2.45	0.11	0.32	1.227758007	1.185301156	0.18739	0	No

KYAT3	8.64	7.64	15.47	18.17	0.89626556	1.163632705	-0.0603237	0.0451036	No
GTF2B	1.68	2.23	1.68	2.16	1.205223881	1.177281021	0.058319	0	No
RABGGTB	1.18	1.91	<0.1	NA	1.334862385	NA	0.177364	NA	No
IFI44L	7.35	10.62	2.43	3.70	1.391616766	1.370990556	0.389389	0.160032	No
ARHGAP29	1.53	2.16	3.92	4.73	1.249011858	1.165499697	0.158643	0	No
IFI44	0.64	1.91	<0.1	NA	1.774390244	NA	1.15269	NA	No
RPL7P9	0.47	0.58	<0.1	NA	1.074829932	NA	0	NA	No
CLCA2	8.87	5.02	26.10	25.76	0.609929078	0.987501692	-0.669035	-0.0860381	No
DBT	16.46	10.67	<0.1	NA	0.66838488	NA	-0.494645	NA	No
RTCA	0.62	0.57	<0.1	NA	0.969135802	NA	0	NA	No
IFT172	36.73	32.27	11.63	12.97	0.881791678	1.105734533	-0.0916858	0	No
SELENOI	2.4	4	5.51	7.35	1.470588235	1.282141082	0.53067	0.194856	No
CGREF1	11.89	10.91	8.23	7.37	0.923972071	0.90649008	0	0	No
HADHB	0.11	0.13	0.25	0.20	1.018018018	0.958778014	0	0	No
KHK	8.23	10.35	13.31	14.34	1.229685807	1.071894691	0	0	No
ADCY3	0.36	0.29	2.70	5.12	0.948529412	1.655149701	0	0.461704	No
PPM1B	2.13	3.26	3.22	2.79	1.361022364	0.897074261	0.326437	-0.173447	No
PNPT1	3.69	4.75	14.64	15.78	1.226012793	1.073179894	0	0	No
DYNC2LI1	3.22	3.9	5.56	7.39	1.161137441	1.278441432	0	0.0311195	No
THUMPD2	3.34	3.75	5.54	6.28	1.094470046	1.113859118	0	0	No
CYP1B1	1.86	3.14	10.03	12.37	1.447552448	1.212565699	0.503692	0	No
RAB1A	8.88	11.19	15.19	13.43	1.233805668	0.891014506	0.16419	-0.164895	No
ACTR2	2.13	3.36	7.68	8.08	1.392971246	1.046651897	0.35857	0	No
PREB	3.02	3.23	14.41	14.73	1.052238806	1.020591549	0	-0.0125716	No
SLC5A6	0.13	0.06	0.27	0.25	0.938053097	0.982919286	0	0	No
PREPL	2.43	2.57	13.54	12.41	1.040816327	0.922532454	0	0	No
EMILIN1	17.31	19.78	35.02	37.94	1.134898962	1.081115169	0.101942	0	No
FBXO11	4.94	6.18	10.35	11.31	1.208754209	1.084258706	0.148223	0	No
SIX3	11.39	11.25	1.54	1.76	0.988700565	1.088080127	0	0	No
ATRAID	31.17	45.01	35.34	30.63	1.430214486	0.870425561	0.409479	-0.267215	No
CENPO	6.93	7.56	8.15	9.08	1.079445145	1.101749512	0	0	No
LRPPRC	0.57	0.97	<0.1	NA	1.25477707	NA	0.226986	NA	No
TRIM54	7.88	7.69	8.77	9.66	0.978603604	1.09119937	0	0	No
DTNB	0.31	1.32	1.01	2.13	1.770992366	1.557670751	1.51275	0.632644	No
ACTR1A	0.72	1.12	97.19	91.70	1.23255814	0.944088125	0	-0.174201	No
MFSD13A	2.58	1.61	7.33	7.07	0.729050279	0.968382947	-0.448557	-0.0701079	No
MYOF	10.36	9.9	25.32	27.88	0.959507042	1.097235987	0	0	No
LOXL4	16.76	17.38	<0.1	NA	1.03490991	NA	0	NA	No

STAMBPL1	1	1.98	<0.1	NA	1.49	NA	0.555656	NA	No
BTBD16	4.96	5.39	6.37	7.26	1.072147651	1.120600752	0	0	No
KIF11	21.78	25.01	47.77	47.77	1.141791045	0.999909351	0.123623	-0.0408808	No
TACC2	47.38	25.96	<0.1	NA	0.557255064	NA	-0.772162	NA	No
DUSP5	5.14	7.46	16.72	17.30	1.377850163	1.032615451	0.319072	0	No
CALHM2	188.1	159.58	262.85	308.81	0.849180328	1.174172976	-0.183609	0.0166202	No
ARL3	0.94	0.54	<0.1	NA	0.793814433	NA	-0.072582	NA	No
CEP55	0.35	0.31	0.58	0.41	0.97037037	0.890988609	0	0	No
KIF20B	0.44	0.72	0.74	0.97	1.194444444	1.133591774	0	0.0318446	No
EXOC6	0.54	1.66	36.52	44.12	1.727272727	1.202435075	1.14969	0.0183414	No
PLCE1	0.16	0.16	0.12	0.11	1	0.995481578	0	0	No
RBP4	14.17	11.74	58.44	59.30	0.839815425	1.014394233	-0.0342626	0	No
DBR1	16.6	14.4	22.92	23.30	0.875	1.016079103	-0.0653151	0	No
DNAJC13	3.47	2.73	9.04	7.93	0.834451902	0.888968052	-0.0756199	-0.0756438	No
GPR87	0.18	0.91	10.33	11.00	1.618644068	1.058791191	1.65904	0	No
ANXA7	4.69	7.94	13.31	12.89	1.571177504	0.970588144	0.532193	-0.052882	No
FAM149B1	3.71	7.94	8.33	10.12	1.898089172	1.192034618	0.827434	0	No
ASCC1	4.23	2.82	8.70	8.83	0.73040153	1.01321667	-0.36587	-0.0542774	No
ADAMTS14	7.64	9.67	18.88	19.90	1.234953704	1.051271594	0.213782	-0.0176115	No
RPS24	1.62	3.6	<0.1	NA	1.755725191	NA	0.605094	NA	No
DNA2	905.28	535.37	1.06	1.38	0.59183696	1.153047755	-0.736677	0	No
MYPN	0.43	1.18	7.64	8.27	1.524475524	1.072881351	0.970364	0	No
AOX1	42.22	28.96	179.75	185.99	0.693197594	1.034517706	-0.460951	-0.0765238	No
ATIC	40.05	39.43	93.91	92.39	0.984896468	0.983994342	0	-0.107916	No
SMARCAL1	0.4	1.09	<0.1	NA	1.492857143	NA	0.769568	NA	No
BARD1	9.58	14.26	24.06	25.92	1.442344045	1.074202886	0.336942	0	No
STAT4	8.09	9.45	0.42	0.43	1.149614961	1.007513983	0.0655936	0	No
CARF	34.94	40.38	47.62	55.91	1.151363383	1.170406301	0.140322	0.0461185	No
ASNSD1	0.54	0.53	<0.1	NA	0.993506494	NA	0	NA	No
METTL5	1.14	1.24	0.47	0.51	1.046728972	1.026892773	0	0	No
SSB	1.19	1.28	1.90	2.40	1.04109589	1.171210424	0	0	No
NAB1	0.12	1.48	9.37	10.89	2.214285714	1.146170019	2.11766	0	No
PPIG	10.81	11.55	11.66	10.96	1.062658764	0.945068765	0	0	No
FASTKD1	2.84	5.82	124.86	123.73	1.776041667	0.991011544	0.821351	-0.127162	No
IDH1	3.2	4.95	11.83	10.80	1.416666667	0.919718648	0.451689	-0.201275	No
OLA1	0.86	1.33	1.60	1.77	1.252688172	1.063778251	0.165707	0	No
CIR1	11.04	12.47	22.64	25.18	1.118770764	1.107623929	0	0	No
ITPRID2	85.04	95.61	212.31	212.41	1.122849837	1.00045033	0.108158	-0.104113	No

<i>FAM117B</i>	12.09	12.37	16.05	14.94	1.021390374	0.935022678	0	-0.130294	No
<i>WDR12</i>	15.43	10.65	7.15	7.95	0.709068777	1.098033094	-0.366508	0	No
<i>ABI2</i>	0.45	1.16	<0.1	NA	1.489655172	NA	0.89881	NA	No
<i>ITGAV</i>	2.26	3.54	5.06	5.48	1.392638037	1.06876366	0.372896	0	No
<i>SLC35A5</i>	0.12	0.08	0.45	0.33	0.964285714	0.914201033	0	0	No
<i>SLC49A4</i>	0.14	0.12	0.18	0.22	0.98245614	1.029989418	0	0	No
<i>SENP7</i>	1.26	1.42	5.17	6.67	1.07079646	1.243369152	0	0.0985636	No
<i>COX17</i>	15.25	21.11	14.79	17.56	1.360615385	1.175665852	0.365101	0.0310215	No
<i>PARP9</i>	0.68	0.96	10.72	15.16	1.166666667	1.379123803	0.0550979	0.309193	No
<i>MNS1</i>	1.77	3.45	8.74	10.04	1.606498195	1.133601162	0.766992	0	No
<i>USP8</i>	17.05	16.93	10.21	10.51	0.993351801	1.027207301	0	-0.0026711	No
<i>SECISBP2L</i>	0.42	1.99	<0.1	NA	2.105633803	NA	1.46195	NA	No
<i>TMOD3</i>	4.74	6.74	16.58	17.93	1.348432056	1.076924399	0.19325	0	No
<i>SPPL2A</i>	8.03	10.73	0.18	0.44	1.299003322	1.219591847	0.29605	0.406348	No
<i>GLCE</i>	12.83	16.35	12.97	16.90	1.254519161	1.281258203	0.247859	0.181268	No
<i>SHF</i>	4.39	4.61	4.69	5.95	1.040816327	1.221606109	0	0	No
<i>APH1B</i>	8.44	9.03	36.28	37.66	1.0625	1.036900484	0	-0.0071478	No
<i>INTS14</i>	9.26	10.32	2.94	3.50	1.10331384	1.141750076	0	0	No
<i>PARP16</i>	0.7	1.59	0.72	1.43	1.523529412	1.413087465	0.704899	0.542173	No
<i>PPCDC</i>	1.31	0.96	<0.1	NA	0.848484848	NA	-0.171607	NA	No
<i>SEMA7A</i>	35.8	41.17	0.40	0.16	1.145923913	0.832021253	0.107042	-0.257122	No
<i>UBL7</i>	3.48	5.98	5.93	6.69	1.558035714	1.109729329	0.567921	0	No
<i>FAM13A</i>	3.36	4.33	19.59	16.30	1.222477064	0.840433176	0.122749	-0.353664	No
<i>HERC3</i>	1.58	1.83	15.13	17.50	1.096899225	1.146957057	0	0	No
<i>HERC6</i>	3.24	3.74	48.58	43.92	1.117924528	0.905998583	0	-0.240002	No
<i>HERC5</i>	2.34	1.81	34.99	32.49	0.841317365	0.930658022	-0.181102	-0.0824085	No
<i>ZGRF1</i>	6.82	7.9	22.03	23.09	1.138107417	1.045954359	0.0526176	0	No
<i>AP1AR</i>	10.62	13.52	55.28	42.71	1.249569707	0.776594881	0.259177	-0.470559	No
<i>COPS4</i>	5.68	8.29	8.26	8.94	1.390718563	1.073139979	0.38065	0	No
<i>HNRNPD</i>	23.8	32.17	52.95	57.28	1.3375	1.080208876	0.34819	0	No
<i>SEC31A</i>	0.15	0.24	2.91	2.72	1.07826087	0.951094979	0	-0.0626757	No
<i>GPAT3</i>	2.37	2.81	7.64	7.28	1.130563798	0.958286217	0.0664262	-0.0925484	No
<i>FGF2</i>	1.11	2.34	1.70	2.42	1.582938389	1.266928897	0.680977	0	No
<i>BBS7</i>	2.23	1.44	<0.1	NA	0.755417957	NA	-0.346128	NA	No
<i>KIAA1109</i>	6.3	6.33	13.47	13.23	1.004109589	0.983426259	0	0	No
<i>RAP1GDS1</i>	40.81	35.87	15.03	14.98	0.881846448	0.997112792	-0.124825	-0.0571758	No
<i>LARP1B</i>	1.22	2.36	2.61	3.42	1.513513514	1.225668797	0.70235	0.063086	No
<i>NAAA</i>	0.35	1.03	5.14	7.02	1.503703704	1.306414083	1.04438	0	No

<i>NUP54</i>	9.21	9.29	33.41	30.28	1.007835455	0.908892962	0	-0.193752	No
<i>BMP2K</i>	2.79	2.59	6.25	6.88	0.947229551	1.086209034	0	0	No
<i>G3BP2</i>	0.76	1.37	3.53	3.67	1.346590909	1.03189543	0.486039	0	No
<i>SEPTIN11</i>	33.19	52.5	94.05	108.94	1.564785025	1.156638728	0.554399	0.0423242	No
<i>FRAS1</i>	0.15	0.69	<0.1	NA	1.469565217	NA	1.40909	NA	No
<i>SCARB2</i>	0.98	1.29	3.10	3.25	1.156565657	1.037578332	0.0488558	0	No
<i>CCNG2</i>	11.79	18.38	5.31	8.11	1.515246286	1.443594516	0.520351	0.225523	No
<i>CNOT6L</i>	19.5	11.98	0.11	0.04	0.633170732	0.939505206	-0.536512	0	No
<i>USO1</i>	36.4	47.36	23.18	23.94	1.293048128	1.031311151	0.303864	0	No
<i>SHROOM3</i>	12.78	6.44	0.18	0.33	0.539912917	1.129554022	-0.771103	0	No
<i>ANXA3</i>	5.01	4.09	21.75	23.88	0.846921797	1.093805583	-0.0904262	0	No
<i>PPA2</i>	0.57	0.6	0.44	0.99	1.01910828	1.381553047	0	0.776943	No
<i>CENPE</i>	16.13	20.29	23.77	23.35	1.242848803	0.983035818	0.219593	-0.0530552	No
<i>GSTCD</i>	108.09	97.35	208.07	232.26	0.90154918	1.115696399	-0.0599377	0	No
<i>INTS12</i>	2.82	3.05	5.08	5.97	1.060209424	1.145664532	0	0	No
<i>ENPEP</i>	0.18	0.43	0.18	0.26	1.211864407	1.069802153	0.474108	0	No
<i>CASP6</i>	2.81	2.77	3.53	3.35	0.989501312	0.959651709	0	-9.877E-05	No
<i>HADH</i>	8.46	10.82	16.68	17.36	1.249471459	1.038495834	0.214372	0	No
<i>EGF</i>	0.3	0.69	<0.1	NA	1.3	NA	0.393658	NA	No
<i>PAPSS1</i>	5.03	7.07	5.71	5.99	1.338308458	1.041757495	0.300674	0	No
<i>SEC24B</i>	0.9	1.73	2.87	3.77	1.436842105	1.232721469	0.666943	0.110132	No
<i>PPP3CA</i>	15.35	11.27	11.11	12.84	0.750458716	1.143144312	-0.220649	0	No
<i>SLC39A8</i>	3.86	4.92	4.73	4.94	1.218106996	1.035955573	0.102063	0	No
<i>MAPK8IP3</i>	0.36	0.2	0.98	1.21	0.882352941	1.115970626	-0.208512	0.00953148	No
<i>RGS3</i>	2	3.69	5.25	5.20	1.563333333	0.991830006	0.5998	0	No
<i>GUCD1</i>	2.47	2.3	<0.1	NA	0.951008646	NA	0	NA	No
<i>RNF185</i>	11.49	12.99	17.92	20.68	1.120096077	1.146028228	0.0272014	0	No
<i>B4GALNT3</i>	1.88	2.13	11.55	9.21	1.086805556	0.813264243	0	-0.3755	No
<i>ERP27</i>	0.39	0.57	<0.1	NA	1.129496403	NA	0	NA	No
<i>ETV6</i>	6.18	6.12	8.99	9.22	0.991643454	1.022683347	0	0	No
<i>GABARAPL1</i>	7.15	17.32	11.99	15.50	2.247852761	1.270484299	1.09753	0.124956	No
<i>KIF21A</i>	2.45	5.59	2.94	3.54	1.910144928	1.153480669	0.929538	0	No
<i>YARS2</i>	17.2	20.09	17.37	17.60	1.158791209	1.012657819	0.0722738	0	No
<i>FGD4</i>	6.76	8.46	7.89	10.51	1.219072165	1.295065875	0.122276	0.129042	No
<i>ALG10</i>	1.45	2.08	<0.1	NA	1.257142857	NA	0.21307	NA	No
<i>SINHCAF</i>	1.71	2.55	<0.1	NA	1.3099631	NA	0.237763	NA	No
<i>AEBP2</i>	2.04	3.42	10.22	11.50	1.453947368	1.114313493	0.477934	0	No
<i>ETNK1</i>	94.25	72.63	13.18	12.12	0.773018373	0.925236705	-0.343532	-0.159152	No

ZCRB1	0.6	0.86	11.24	12.51	1.1625	1.104103531	0.0297925	0	No
TMEM117	0.28	0.32	54.67	54.48	1.03125	0.996639886	0	-0.102306	No
PRICKLE1	7.02	11.04	17.35	18.99	1.501246883	1.08910196	0.477881	0	No
C1RL	0.37	0.76	0.68	0.90	1.284671533	1.132375916	0.516695	0	No
NDUFA9	0.48	1.17	<0.1	NA	1.466216216	NA	0.609318	NA	No
CLSTN3	6.4	6.3	8.96	8.25	0.986486486	0.928882556	0	0	No
VAMP1	0.74	0.87	4.49	5.01	1.074712644	1.093908902	0	0	No
TAPBPL	5.09	5.08	16.15	16.72	0.998357964	1.033165238	0	0	No
CD27	1.19	1.07	5.11	6.65	0.945205479	1.251928263	0	0.120832	No
RBP5	5.08	4.87	13.06	15.11	0.965460526	1.145634166	0	0	No
PEX5	0.9	1.08	5.11	6.42	1.094736842	1.214160681	0	0	No
AMIGO2	2.1	1.83	<0.1	NA	0.912903226	NA	0	NA	No
SCAF11	6.96	6.73	5.79	6.07	0.971105528	1.040834136	0	0	No
LLPH	5.34	6.72	1.44	1.39	1.217665615	0.980327494	0.213098	0	No
RPL14P1	2.34	4.29	<0.1	NA	1.583832335	NA	0.569243	NA	No
LRIG3	11.69	9.66	74.67	77.75	0.840031521	1.040708028	-0.172108	-0.013878	No
MARCHF9	4.99	5.5	13.52	11.58	1.085141903	0.866102123	0	-0.0767422	No
INHBE	10.68	21.27	10.49	11.67	1.906678082	1.102373152	0.786089	0	No
GLIPR1	0.23	0.29	4.36	4.98	1.048780488	1.115186451	0	0	No
PHLDA1	78.71	45.6	279.46	276.54	0.584619245	0.989586578	-0.723458	-0.116114	No
TMEM19	0.34	0.66	5.01	6.28	1.23880597	1.21180429	0.322087	0.0118821	No
DUSP6	36.68	45.87	6.61	7.87	1.243895966	1.165578708	0.252508	0	No
POC1B	0.16	0.31	5.44	5.83	1.129310345	1.060157209	0	0	No
TMTC3	9.32	7.91	14.68	15.94	0.863372093	1.080627472	-0.12639	0	No
SNRPF	1.54	2.25	18.32	15.65	1.279527559	0.861784419	0.34796	-0.230097	No
AMDHD1	1.68	3.24	0.30	0.35	1.582089552	1.042165035	0.697265	0	No
NEDD1	0.13	1.84	8.75	15.77	2.513274336	1.719587742	2.94492	0.56402	No
GAS2L3	0.49	0.36	<0.1	NA	0.912751678	NA	0	NA	No
SLC15A4	94.4	77.94	41.05	42.15	0.827463312	1.026144995	-0.216662	-0.0161956	No
TDG	2.44	3.19	<0.1	NA	1.218023256	NA	0.0685917	NA	No
RITA1	16.79	20.37	18.44	17.63	1.20123665	0.958230696	0.143621	0	No
SDSL	17.27	19.5	26.90	28.01	1.122058019	1.039785218	0.0409861	0	No
MMAB	18.5	19.03	50.19	48.69	1.027179487	0.970781028	0	-0.117298	No
GLTP	15.17	13.1	32.00	33.72	0.871985158	1.052025045	-0.0661685	0	No
GIT2	2.43	4.78	3.42	4.10	1.685131195	1.153503291	0.680568	0	No
TCHP	8.89	9.32	100.15	94.64	1.043478261	0.945483398	0	-0.17238	No
FAM222A	6.24	7.35	22.04	21.74	1.153314917	0.986764848	0.0895702	0	No
NUP58	18.36	26.45	90.40	94.44	1.417871901	1.044162443	0.431445	-0.018758	No

MTMR6	1.69	2.27	8.04	7.77	1.215613383	0.970339664	0.17094	0	No
SLC46A3	0.44	0.58	<0.1	NA	1.097222222	NA	0	NA	No
SLC7A1	7.03	5.65	3.35	4.50	0.828144458	1.263641484	-0.0646639	0	No
LNK2	0.79	1.69	0.25	0.68	1.502793296	1.341293536	0.72361	0.559117	No
SUOX	7.3	6.98	23.79	22.19	0.961445783	0.935330908	0	-0.0961367	No
CCDC65	0.63	2.13	<0.1	NA	1.920245399	NA	1.41411	NA	No
TARBP2	3.95	10.89	0.19	0.92	2.402020202	1.613442076	1.15273	0.825854	No
RDH16	9.23	8.39	13.54	12.58	0.917888563	0.933906324	-0.0093341	-0.156828	No
ACVRL1	6.6	8.21	17.37	17.22	1.211842105	0.991629103	0.114855	-0.016216	No
NABP2	20.21	18.69	27.40	28.34	0.928335691	1.032978029	-0.0164497	-0.0437941	No
N4BP2L1	7.01	9.28	70.30	78.15	1.283395755	1.11015396	0.24396	0	No
SMARCC2	7.12	10.49	8.31	8.90	1.415024631	1.062987699	0.389803	0	No
BRCA2	1.78	1.84	1.00	1.62	1.021582734	1.3105623	0	0	No
KANSL2	18.65	19.34	24.04	23.07	1.035114504	0.961255993	0	-0.0820771	No
CERS5	6.17	9.29	8.42	8.36	1.435146444	0.993104497	0.457763	-0.0167435	No
MAP3K12	23.75	17.44	40.82	39.10	0.745050505	0.958847091	-0.349928	-0.131153	No
GALNT6	0.59	5.89	28.76	36.81	4.333333333	1.270530181	2.85076	0.151763	No
CSAD	1.2	2.17	2.81	3.26	1.440909091	1.117848343	0.58171	0	No
LMBR1L	5.18	5.08	13.17	14.46	0.98381877	1.090960186	0	0	No
MYG1	5.84	6.12	3.97	4.18	1.040935673	1.041755955	0	0	No
ESYT1	46.36	43.32	41.16	41.71	0.935810811	1.012977203	-0.012173	0	No
TMBIM6	10.27	10.92	63.30	65.06	1.057675244	1.027373987	0	0	No
ANKRD52	32.66	34.78	20.81	25.25	1.062982769	1.203519494	0	0	No
ZNF740	13.76	16.57	63.77	65.42	1.190379404	1.025509677	0.190519	-0.0282753	No
WDFY2	5.56	7.98	<0.1	NA	1.368902439	NA	0.351016	NA	No
HNRNPA1L2	4.38	8.01	1.06	1.48	1.67472119	1.20600036	0.704553	0.0465842	No
ESD	24.82	24.07	<0.1	NA	0.97095275	NA	0	NA	No
RB1	0.29	0.27	46.49	36.03	0.984496124	0.779758344	0	-0.438906	No
SBNO1	2.54	2.62	10.19	13.21	1.02259887	1.269517761	0	0.0874757	No
SETD1B	9.47	11.7	18.03	19.57	1.212989494	1.080782304	0.152992	0	No
VPS33A	3.23	3.37	2.76	3.49	1.033096927	1.194212908	0	0.0658239	No
VPS37B	2.21	2.62	18.68	16.15	1.127725857	0.871649566	0.0054021	-0.0159828	No
RHOF	28.16	20.37	28.35	27.31	0.732853224	0.964638446	-0.383897	-0.249667	No
DENR	4.74	4.85	13.16	13.74	1.019163763	1.041046054	0	0	No
DIAPH3	10.46	8.25	11.91	13.18	0.807155323	1.098601292	-0.171523	0	No
RBM26	10.67	12	8.62	9.45	1.113967438	1.086309909	0.0135483	0	No
MBNL2	0.84	5.13	8.21	10.81	3.331521739	1.282304899	2.26231	0.181345	No
ZIC5	34.24	26.62	74.98	71.06	0.783768445	0.948470514	-0.254057	-0.117588	No

ABHD13	26.55	31.5	12.05	11.15	1.179673321	0.931070736	0.155086	-0.0584798	No
RAB20	8.09	9.1	12.97	14.81	1.111111111	1.131469969	0.0587296	0	No
GRTP1	5.89	10.56	3.58	3.93	1.677793904	1.077386551	0.646881	0	No
CUL4A	17.96	20.75	16.52	19.12	1.147151899	1.148668748	0.0866256	0	No
TTC6	29.21	31.5	34.25	38.41	1.075802714	1.11809169	0.035606	0	No
CDH24	25.98	22.09	28.94	25.48	0.855819125	0.884407249	-0.0917932	-0.285165	No
REM2	11.18	8.27	15.58	16.58	0.761083744	1.060159967	-0.212809	-0.0148791	No
CBLN3	33.86	34.04	7.46	7.76	1.005163511	1.035452208	0	0	No
TSSK4	32.2	54.18	45.04	49.44	1.662048193	1.095664056	0.651195	0	No
FITM1	416.93	347.46	139.65	154.65	0.833775991	1.106641327	-0.206901	0	No
TMX1	14.52	20.78	25.67	26.68	1.403350515	1.03772764	0.41268	-0.0008288	No
FRMD6	14.14	27.96	9.62	9.43	1.912813738	0.981853805	0.835021	-0.0262813	No
SYT16	14.68	15.53	34.02	34.93	1.054209184	1.02601836	0	0	No
SLC38A6	7.75	13.24	17.07	17.78	1.627428571	1.039174509	0.634581	0	No
NAA30	41.2	44.53	9.13	8.48	1.078909953	0.936206797	0.0247129	-0.0801052	No
DCAF5	12.48	20.98	36.66	37.84	1.630563798	1.03127422	0.611535	-0.030342	No
RAB15	1.94	1	0.21	0.38	0.680272109	1.138301194	-0.670518	0.0478582	No
WDR89	180.38	187.87	<0.1	NA	1.04129452	NA	0.0211122	NA	No
STON2	11.39	22.94	30.52	31.66	1.93220339	1.036060112	0.836909	0	No
EFCAB11	3.82	7.16	1.37	1.11	1.692946058	0.891489496	0.649328	0	No
PTGR2	9.5	17.08	1.81	2.46	1.721904762	1.229694401	0.742214	0.0580993	No
JDP2	7.25	7.99	6.49	6.54	1.08969697	1.006922025	0.0109768	0	No
FBLN5	6.89	6.92	1.52	2.35	1.003802281	1.327788021	0	0	No
CLBA1	7.07	6.54	14.98	15.48	0.934324659	1.031501831	0	-0.0049744	No
WARS1	0.64	0.78	<0.1	NA	1.085365854	NA	0	NA	No
WDR20	2.46	4.66	4.06	5.65	1.63583815	1.314374527	0.533651	0.0159728	No
NIPA2	17.13	15.71	15.71	12.40	0.921676779	0.801705717	-0.0054431	-0.401524	No
SLC12A6	1.59	3.31	6.27	6.68	1.664092664	1.056895063	0.658745	0	No
DUOXA1	2.89	3.11	2.12	2.73	1.05655527	1.196422499	0	0.0261115	No
MFAP1	17.56	24.35	25.99	29.36	1.365840517	1.124795941	0.356605	0	No
TCF12	50.39	47.58	57.13	54.30	0.945320101	0.951257611	-0.0034464	-0.126187	No
SORD	8.99	10.53	17.74	17.66	1.154154154	0.995709522	0.0780919	-0.010397	No
SERF2	0.23	0.98	<0.1	NA	1.609756098	NA	1.05218	NA	No
ZSCAN29	63.15	60.24	44.64	40.37	0.954637568	0.906378383	0	-0.184784	No
LYSMD2	3.23	4.76	8.85	9.13	1.361702128	1.028460159	0.350679	0	No
SLC27A2	0.13	0.17	0.18	0.30	1.03539823	1.101258853	0	0	No
BNIP2	5.27	6.02	22.46	24.77	1.119617225	1.098458127	0	0	No
GTF2A2	29.99	29.95	37.57	38.28	0.998709261	1.018386687	0	-0.0240065	No

<i>SRP14</i>	3.32	5.1	3.52	4.25	1.412037037	1.161932162	0.388996	0	No
<i>BAHD1</i>	0.12	0.84	0.13	0.38	1.642857143	1.219500201	1.98294	0.560672	No
<i>DISP2</i>	141.09	121.67	98.31	104.28	0.863326061	1.06008725	-0.14192	0	No
<i>CDAN1</i>	1.62	3.45	<0.1	NA	1.698473282	NA	0.726422	NA	No
<i>TLE3</i>	10.87	11.48	12.09	12.88	1.051390059	1.060168572	0	0	No
<i>ANP32A</i>	4.88	4.47	3.52	3.77	0.930272109	1.056004837	0	0	No
<i>COMMD4</i>	6.77	7.26	5.72	7.39	1.063063063	1.249008147	0	0	No
<i>UBE2Q2</i>	12.5	15.66	12.82	15.49	1.234074074	1.193385499	0.200532	0	No
<i>PSTPIP1</i>	193.88	143.06	154.22	146.55	0.739224138	0.950567869	-0.376045	-0.148761	No
<i>ETFA</i>	11.47	10.76	6.38	6.55	0.943063352	1.022803058	0	0	No
<i>BCL2A1</i>	621.49	428.44	2209.41	2135.30	0.689874536	0.966473212	-0.497328	-0.171545	No
<i>HMG20A</i>	3.58	21.46	1.99	1.89	4.903930131	0.966015899	2.37484	0	No
<i>SCAPER</i>	2.77	4.59	1.09	1.09	1.482758621	0.998185227	0.492701	0	No
<i>TSPAN3</i>	23.47	29.11	66.15	57.84	1.23048631	0.876180003	0.197381	-0.186352	No
<i>WDR61</i>	8.19	17.39	10.29	12.94	2.001088139	1.234719354	0.878528	0	No
<i>NCOA2</i>	19.54	16.66	25.33	29.11	0.859785784	1.143726313	-0.132508	0	No
<i>NEIL1</i>	26.3	37.15	128.54	80.05	1.397435897	0.625664981	0.406033	-0.780232	No
<i>MAN2C1</i>	30.77	18.83	<0.1	NA	0.624173749	NA	-0.571043	NA	No
<i>DNAJA4</i>	4.87	4.55	9.31	10.12	0.94548552	1.078332628	0	0	No
<i>TLNRD1</i>	11.17	12.27	24.13	27.05	1.090386196	1.116221495	0	0	No
<i>TPM1</i>	8.84	9.76	9.31	11.01	1.093495935	1.164996171	0	0	No
<i>IGF1R</i>	5.33	7.83	18.91	20.11	1.394944708	1.060242763	0.420853	0	No
<i>ARRDC4</i>	2.3	2.87	11.21	12.93	1.172727273	1.140589863	0.146715	0	No
<i>PIF1</i>	5.17	7.06	7.44	8.91	1.306320908	1.173598279	0.268358	0.0119039	No
<i>USP3</i>	29.19	33.76	57.28	61.63	1.151374627	1.074651711	0.14712	0	No
<i>CYP11A1</i>	3.55	2.86	0.50	0.98	0.848351648	1.321373885	-0.0553297	0.308293	No
<i>BBS4</i>	0.26	0.22	0.90	0.84	0.968253968	0.966234811	0	0	No
<i>PML</i>	24.69	15.83	113.16	105.34	0.655118723	0.931537363	-0.511634	-0.135345	No
<i>CYP1A1</i>	2.12	0.99	1.75	1.45	0.637820513	0.889198265	-0.856181	-0.177191	No
<i>ADAMTS17</i>	21.97	14.55	113.18	101.11	0.676969961	0.894301604	-0.496683	-0.199376	No
<i>LINS1</i>	9.66	9.82	32.75	33.02	1.015009381	1.007923922	0	-0.0502733	No
<i>ULK3</i>	13.39	12.06	44.86	48.15	0.907574705	1.071821349	0	0	No
<i>PCSK6</i>	3.47	6.05	14.44	15.82	1.577181208	1.089466721	0.595771	0	No
<i>CCDC33</i>	1.09	1.27	1.14	1.30	1.086124402	1.075273466	0	0	No
<i>SCAMP2</i>	5.23	6.64	1.99	2.34	1.226324238	1.117501145	0.189762	0	No
<i>HAPLN3</i>	486.33	357.73	2288.48	2284.56	0.736113106	0.998287682	-0.410181	-0.184908	No
<i>RHCG</i>	81.08	83.41	147.03	147.81	1.02838694	1.005285593	0	-0.114441	No
<i>POLG</i>	23.87	32.1	38.99	37.74	1.330920788	0.968703023	0.344291	-0.102989	No

<i>FANCI</i>	27.86	35.25	21.56	25.33	1.256063756	1.166906149	0.183755	0	No
<i>ABHD2</i>	13.75	9.12	6.95	6.55	0.686101695	0.949701765	-0.462092	-0.0253634	No
<i>TICRR</i>	4.5	4.02	0.22	0.34	0.912727273	1.10228712	-0.0048258	0	No
<i>MFGF8</i>	1.8	2.02	1.71	2.33	1.078571429	1.228544032	0	0	No
<i>ZNF710</i>	114.68	101.16	12.73	11.59	0.883125864	0.916941103	-0.120256	-0.121003	No
<i>UNC45A</i>	0.29	0.65	0.64	0.71	1.279069767	1.039841946	0	0	No
<i>MCTP2</i>	12.64	17.84	17.93	21.11	1.381231672	1.168078373	0.373829	0	No
<i>FURIN</i>	12.5	10.64	1.80	2.15	0.862222222	1.125500195	-0.119502	0	No
<i>IQGAP1</i>	60.17	56.84	61.81	55.95	0.94556155	0.906773719	0	-0.209572	No
<i>CRTC3</i>	16.79	20.31	28.11	25.03	1.197863969	0.894196717	0.157949	-0.0572967	No
<i>EFL1</i>	24.27	24.68	14.00	14.16	1.016224772	1.010459871	0	0	No
<i>SEC11A</i>	4.25	8.05	7.12	5.58	1.723809524	0.810501195	0.648971	-0.233196	No
<i>GLYR1</i>	12.12	15.27	36.96	36.76	1.240091463	0.994802578	0.218914	-0.0767077	No
<i>PMM2</i>	0.36	0.57	0.32	0.36	1.154411765	1.027459703	0.111096	0	No
<i>ITGAX</i>	6.94	15.64	0.53	1.48	2.095717884	1.621179861	0.905164	0.705353	No
<i>TGFB11</i>	7.36	7.31	1.60	2.27	0.994019139	1.258552562	0	0	No
<i>RUSF1</i>	5.26	7.36	4.96	4.12	1.335463259	0.858773325	0.203943	-0.160991	No
<i>ARMC5</i>	2.89	3.84	2.75	3.33	1.244215938	1.155140157	0.112917	0.00850779	No
<i>PARN</i>	0.33	1.66	<0.1	NA	2	NA	1.2849	NA	No
<i>FTO</i>	10.32	8.62	63.47	68.19	0.849823322	1.073202177	-0.0940695	0	No
<i>UQCRC2</i>	625.85	716.53	489.28	429.20	1.144659807	0.877464653	0.167397	-0.316477	No
<i>CDR2</i>	15.72	28.78	23.43	22.93	1.781100478	0.979404469	0.742905	-0.0780532	No
<i>ARHGAP17</i>	37.48	48.34	24.89	21.80	1.282224532	0.880650485	0.272366	-0.13111	No
<i>NKD1</i>	176.97	171.07	1.16	1.52	0.966848345	1.165903561	0	0	No
<i>DHX38</i>	6.27	8.18	8.18	8.00	1.262723521	0.980866187	0.235015	0	No
<i>TXNL4B</i>	0.91	2.45	0.49	0.73	1.806282723	1.161349666	0.885236	0	No
<i>MARVELD3</i>	2.88	2.4	2.85	3.96	0.87628866	1.287250417	0	0	No
<i>CHST4</i>	9.12	11.62	3.33	4.44	1.247035573	1.25549977	0.158089	0.0648074	No
<i>ZFH3</i>	3.23	3.27	<0.1	NA	1.009456265	NA	0	NA	No
<i>CPNE2</i>	10.04	7.6	16.87	14.64	0.778985507	0.875333453	-0.141287	-0.227213	No
<i>NLRC5</i>	115.93	115.42	122.55	117.89	0.995638416	0.962288564	0	-0.113233	No
<i>KATNB1</i>	4.85	6.1	6.60	7.22	1.213675214	1.080989348	0.177091	0	No
<i>KIFC3</i>	7.41	9.36	3.01	2.88	1.231866825	0.96876595	0.161131	-0.0525933	No
<i>NUDT7</i>	1.51	1.27	0.67	1.04	0.90438247	1.220644017	0	0	No
<i>GCSH</i>	191.16	98.46	<0.1	NA	0.517589509	NA	-0.874528	NA	No
<i>CMTM3</i>	0.35	0.51	4.10	3.64	1.118518519	0.909793874	0	-0.0879066	No
<i>CDH11</i>	1.82	2.95	0.17	0.31	1.40070922	1.123168197	0.408483	0.0433293	No
<i>NOL3</i>	0.96	2.22	<0.1	NA	1.642857143	NA	0.368404	NA	No

MAP1LC3B	0.37	1.01	<0.1	NA	1.467153285	NA	0.992099	NA	No
MBTPS1	9.1	6.63	11.25	10.70	0.755445545	0.95496974	-0.284862	-0.020498	No
CDH13	4.11	5.51	<0.1	NA	1.273972603	NA	0.24188	NA	No
ZCCHC14	1.11	1.17	3.25	4.05	1.028436019	1.189365885	0	0	No
MEAK7	1.86	2.1	1.97	3.55	1.083916084	1.531605213	0	0.337264	No
OSGIN1	19.62	19.89	37.83	36.58	1.013094083	0.967765101	0	-0.172631	No
RHOT2	3.53	4.2	4.59	5.01	1.14790287	1.074913258	0.0328194	0	No
RPL3L	0.67	1.31	<0.1	NA	1.383233533	NA	0.626831	NA	No
ZSCAN32	0.27	0.41	<0.1	NA	1.11023622	NA	0.0270003	NA	No
RPS2	14.83	16.34	14.58	16.24	1.095388503	1.106307654	0.0224048	0	No
NDUFB10	0.25	0.71	<0.1	NA	1.368	NA	0.65084	NA	No
PDPK1	2.49	2.1	16.78	15.66	0.888252149	0.937139396	-0.0466086	-0.110605	No
TIGD7	4.72	8.15	6.10	5.82	1.59965035	0.960249505	0.533978	-0.0236891	No
DEF8	11.17	11.34	4.81	5.75	1.013968776	1.162515235	0	0	No
TCF25	29.67	29.18	34.24	38.96	0.984023476	1.133847468	0	0	No
GALNS	0.2	0.14	0.53	0.54	0.95	1.007407175	0	0	No
GAS8	13.61	12.78	42.93	49.45	0.943189596	1.148483312	0	0	No
MED9	3.21	4.27	9.23	11.38	1.251781473	1.210597686	0.144238	0.0383067	No
NCOR1	42.29	19.64	95.82	110.62	0.476784477	1.152894856	-1.00974	0	No
COPS3	0.65	0.89	1.04	1.34	1.145454545	1.14903851	0.00873949	0	No
GID4	24.34	31.25	1.89	2.30	1.272691397	1.140425411	0.279579	0	No
ZNF287	0.41	0.51	1.48	1.96	1.070921986	1.194187855	0	0.049409	No
KSR1	8.27	9.19	<0.1	NA	1.099244876	NA	0.0350979	NA	No
UTP4	15.32	15.98	19.57	19.58	1.040441176	1.000665521	0	0	No
RANBP10	0.26	0.5	<0.1	NA	1.19047619	NA	0	NA	No
GFOD2	3.41	3.67	4.01	4.01	1.058956916	1.000525514	0	-0.0474472	No
NOB1	25.31	28.52	0.47	0.57	1.122006842	1.065035172	0.0880364	0	No
PRPSAP2	29.06	40.22	<0.1	NA	1.371257485	NA	0.409418	NA	No
PCTP	13.55	10.14	18.54	17.28	0.765635739	0.935552442	-0.288499	-0.109827	No
TOM1L1	0.85	1.98	0.10	0.07	1.610810811	0.970503937	0.831203	0	No
C17orf80	6.94	11.52	7.99	9.40	1.576826196	1.156293769	0.603552	0	No
TOB1	5.37	8.43	6.60	8.19	1.480376766	1.209060062	0.487102	0.0887509	No
VPS53	9.47	11.79	4.33	5.76	1.221585482	1.267891406	0.124849	0.117566	No
SGSM2	6.85	5.62	7.53	7.40	0.843312102	0.985045645	-0.0487659	0	No
NPEPPS	0.24	0.42	2.10	2.19	1.14516129	1.029535708	0	0	No
SKAP1	7.46	6.86	0.46	0.63	0.929078014	1.119582505	0	0	No
LRRC46	2.65	2.11	17.93	22.69	0.852054795	1.251545197	0	0.0323801	No
SCRN2	1.45	1.39	1.79	2.33	0.975510204	1.192539813	0	0	No

SSH2	3.9	2.13	10.75	9.42	0.63877551	0.886471298	-0.57668	-0.238933	No
ARSG	30.87	14	<0.1	NA	0.470662065	NA	-0.995196	NA	No
G6PC3	3.21	5.13	15.27	18.13	1.456057007	1.176062919	0.495083	0.0252216	No
CLTC	7.4	11.35	23.84	26.42	1.470238095	1.103790089	0.48884	0	No
BCAS3	2.91	3.74	5.34	6.19	1.212276215	1.134141945	0.174426	0	No
PTRH2	1.26	1.67	63.58	65.17	1.181415929	1.024654179	0	-0.0085523	No
SS18	3.41	5.53	12.32	12.88	1.480725624	1.041715951	0.298808	0	No
TAF4B	10.03	11.6	16.02	17.81	1.142339075	1.105121714	0.0786126	0	No
AFG3L2	1.97	3.63	<0.1	NA	1.558922559	NA	0.665097	NA	No
PRELID3A	4.15	5.87	7.63	8.35	1.333980583	1.083147525	0.260864	0	No
IMPA2	9.56	9.59	21.87	21.02	1.002840909	0.962787181	0	-0.103569	No
GNAL	9.54	10.34	9.32	8.76	1.075901328	0.94560343	0	-0.004235	No
SLC39A6	371.65	285.32	1513.92	1499.13	0.768334899	0.99023621	-0.347529	-0.101336	No
RPRD1A	4.37	5.4	<0.1	NA	1.191806331	NA	0.105106	NA	No
C18orf21	0.63	0.67	<0.1	NA	1.024539877	NA	0	NA	No
GALNT1	2.84	2.35	5.67	6.87	0.872395833	1.180621828	-0.0665276	0	No
ADCYAP1	7.24	9.03	21.24	21.35	1.21723301	1.004926239	0.147224	-0.0045846	No
GAREM1	2.4	3.8	4.53	3.58	1.411764706	0.827786193	0.222781	-0.201065	No
ESCO1	2.23	2.38	1.10	0.73	1.046439628	0.825282526	0	-0.276785	No
OSBPL1A	1.38	1.65	9.58	7.24	1.113445378	0.778404322	0	-0.40252	No
GATA6	2.7	3.08	3.32	3.86	1.102702703	1.125119837	0	0	No
GREB1L	9.88	7.75	20.29	22.58	0.804227941	1.107655915	-0.257737	0	No
RMC1	7.33	12.7	0.17	0.53	1.644657863	1.304372809	0.663874	0.268441	No
PELP1	0.44	0.5	3.79	4.46	1.041666667	1.139582344	0	0	No
NPC1	16.34	18.03	56.71	55.55	1.097462514	0.979880819	0	-0.059993	No
ARRB2	1.03	0.68	2.52	2.75	0.827586207	1.064153368	-0.22084	0	No
ZMYND15	0.18	3.06	22.93	22.91	3.440677966	0.999126207	2.39767	0	No
WRAP53	25.54	24.31	1.01	1.45	0.953654861	1.220379726	0	0.0603663	No
MINK1	5.77	9.18	0.56	0.84	1.503692762	1.178261803	0.498872	0	No
SAT2	8.42	7.44	<0.1	NA	0.89596603	NA	0	NA	No
ASGR1	17.6	16.59	17.72	17.51	0.945698925	0.988688844	0	0	No
PIK3R5	7.12	4.99	28.97	32.54	0.737684729	1.119251352	-0.32849	0	No
TP53	0.54	1.36	<0.1	NA	1.532467532	NA	0.951706	NA	No
CCDC40	19.84	24.07	<0.1	NA	1.202975048	NA	0.223724	NA	No
ARHGDI1A	28.88	26.52	0.33	1.24	0.921017403	1.682878661	0	0.634521	No
TMC6	61.33	58.97	<0.1	NA	0.962137013	NA	0	NA	No
SLC16A3	0.34	1.27	<0.1	NA	1.694029851	NA	1.20355	NA	No
CARD14	3.37	3.08	3.35	3.96	0.933638444	1.140612974	0	0	No

TTYH2	13.49	13.12	26.36	30.03	0.974465148	1.134161871	0	0	No
RAB40B	1	0.98	4.00	4.56	0.99	1.112156464	0	0	No
EIF4A3	2.81	3.94	<0.1	NA	1.296587927	NA	0.279262	NA	No
CSNK1D	2.03	8.86	0.64	0.82	3.254125413	1.108127226	1.82602	0	No
ANAPC11	13.07	14.84	36.92	38.07	1.125799574	1.030293962	0.0409996	0	No
TBCD	1.7	1.56	2.87	3.37	0.948148148	1.129530442	0	0	No
FN3KRP	9.98	11.76	40.56	40.15	1.162112933	0.99025355	0.100914	-0.0778361	No
NARF	1.56	1.59	10.94	10.82	1.01171875	0.989973842	0	-0.0992826	No
RPTOR	3.82	4.31	8.84	9.12	1.101659751	1.028710463	0	-0.0081322	No
FOXK2	1.03	1.02	4.11	4.25	0.995073892	1.026710527	0	0	No
TRIM65	0.99	1.73	4.80	5.38	1.371859296	1.100253979	0.306225	0	No
CBX8	9.8	6.93	0.88	3.12	0.734259259	2.191414515	-0.34201	1.3472	No
SECTM1	36.02	37.57	42.67	45.76	1.04186926	1.070850471	0	0	No
RNF157	39.35	44.26	212.93	238.17	1.121685254	1.117968426	0.0877463	0.00538268	No
CEP131	27.08	29.33	75.51	70.72	1.080128205	0.937424397	0	-0.172258	No
ZNF750	13.18	19.26	18.98	20.39	1.42877292	1.070453822	0.43005	0	No
WDR45B	3.06	4.88	4.69	5.04	1.448275862	1.06095471	0.476392	0	No
CBX4	0.57	1.13	2.21	4.22	1.356687898	1.625817065	0.35135	0.595242	No
RNF165	4.99	4.5	9.91	11.82	0.918196995	1.175155826	0	0	No
DYM	2.21	1.77	0.12	0.10	0.862928349	0.982895398	0	-0.0205598	No
ELAC1	44.09	25.02	53.41	50.93	0.577068086	0.954342019	-0.680784	-0.109077	No
MBD1	8.86	13.91	9.28	12.27	1.512170385	1.290509665	0.509307	0	No
SMAD4	3.6	3.64	55.55	57.34	1.008695652	1.031706815	0	-0.0528966	No
TNFRSF11A	0.24	0.33	<0.1	NA	1.072580645	NA	0	NA	No
ZCCHC2	1.98	1.9	3.95	2.95	0.973154362	0.797235173	0	-0.339274	No
PMAIP1	18.48	17.37	28.09	32.27	0.94301848	1.143707622	0	0	No
P3H4	1.33	2.44	<0.1	NA	1.47639485	NA	0.427284	NA	No
NT5C3B	25.27	44.26	7.02	6.83	1.722877807	0.975853974	0.74228	-0.0068932	No
RETREG3	0.51	6.18	0.13	0.31	4.754966887	1.155857381	3.02467	0	No
ERBB2	1.54	2.17	0.20	0.49	1.248031496	1.238342088	0.171813	0	No
GRB7	4.81	24.48	<0.1	NA	4.385542169	NA	2.10018	NA	No
MIEN1	7.4	7.84	22.39	24.22	1.052380952	1.078243698	0	0	No
IGFBP4	3.98	6.3	0.92	1.09	1.465863454	1.086641027	0.549325	0	No
FKBP10	26.89	45.88	1.53	2.01	1.680889208	1.190856868	0.652631	0	No
TXNL4A	7.62	5.81	13.37	18.56	0.790023202	1.361383628	-0.149877	0.153155	No
MISP3	2.73	2.88	4.60	5.27	1.040214477	1.119136978	0	0	No
SAMD1	12.61	25.88	17.56	17.73	1.975018369	1.008993037	0.891136	0	No
BRD4	1.81	1.69	11.60	12.57	0.957295374	1.076784579	0	0	No

SLC39A3	1.09	0.82	3.72	4.36	0.870813397	1.135080706	0	0	No
NFIC	0.7	0.89	<0.1	NA	1.111764706	NA	0.00625192	NA	No
TPGS1	4.39	7.92	10.84	11.90	1.654916512	1.089396841	0.592698	0	No
PLPP2	6.27	5.08	6.10	7.08	0.836313618	1.137968541	-0.154122	0	No
PRDM15	5.02	6.38	<0.1	NA	1.225913621	NA	0	NA	No
PFKL	39.43	33.25	21.46	25.97	0.84714321	1.200964699	-0.138148	0.0533802	No
FEM1A	1.14	0.85	2.92	3.48	0.864485981	1.142050312	-0.0220774	0	No
VAV1	4.15	4.1	8.01	8.47	0.990291262	1.05129689	0	-0.0048029	No
MVB12A	0.53	0.94	0.61	1.12	1.267973856	1.317201182	0.270207	0.460954	No
CIB3	50.61	40.75	211.78	226.72	0.808951754	1.070191047	-0.254471	0	No
SH3GL1	0.94	2.02	5.78	7.69	1.556701031	1.281980129	0.661344	0.0890053	No
DUS3L	1.46	2.12	<0.1	NA	1.268292683	NA	0.220884	NA	No
DPP9	1.92	2.61	<0.1	NA	1.23630137	NA	0.126131	NA	No
CCDC97	18.82	22.92	34.51	36.16	1.206861756	1.046515636	0.159998	0	No
TMEM91	2.82	2.14	7.44	6.90	0.821989529	0.935514718	-0.0896955	-0.105237	No
ZFP14	1.64	1.99	5.02	5.59	1.132575758	1.094897576	0	0	No
SIRT3	0.75	1.16	0.18	0.14	1.234285714	0.969533029	0.0879688	0	No
IFITM3	0.25	0.2	0.90	0.84	0.96	0.967467059	0	0	No
PGGHG	3.18	3.95	8.53	9.06	1.184210526	1.05571033	0	0	No
HUNK	11.81	8.91	38.83	39.88	0.773614364	1.026237267	-0.203702	0	No
COL6A1	9.83	14.27	65.39	71.31	1.409972299	1.089239642	0.395715	0	No
IFNAR1	14.28	12.02	6.52	7.97	0.852094241	1.192872112	-0.110885	0.0598938	No
SOD1	5.39	6.69	29.98	30.99	1.203442879	1.032602087	0.146295	-0.0069242	No
COL6A2	1.44	1.99	9.32	12.08	1.225409836	1.266989988	0.113777	0.0832756	No
SCYL1	38.21	40.94	44.49	46.77	1.069625096	1.050098235	0.0190321	0	No
TMEM50B	14.23	11.02	29.34	30.48	0.789231779	1.037489925	-0.240849	-0.0194425	No
APP	3.36	2.67	11.33	12.37	0.841743119	1.084644789	0	0	No
DOP1B	18.13	24.99	<0.1	NA	1.358599059	NA	0.386053	NA	No
URB1	1.28	0.69	2.48	1.85	0.74122807	0.819257352	-0.42611	-0.387767	No
AKT1	2.97	2.98	18.52	17.71	1.002518892	0.958250602	0	-0.046817	No
EMP3	3.81	3.26	5.86	6.81	0.885654886	1.139042587	-0.103791	0.0425376	No
SAE1	2.5	3.46	2.92	3.67	1.274285714	1.191132052	0.175812	0	No
NTN5	5.83	6.59	<0.1	NA	1.111273792	NA	0	NA	No
LMTK3	0.98	1	1.53	1.63	1.01010101	1.040564898	0	0	No
GEMIN7	52.99	40.54	49.46	57.74	0.769401741	1.164133656	-0.276632	0	No
CBLC	2.63	5.7	1.85	3.33	1.845730028	1.519124301	0.925033	0.470031	No
WTIP	1.23	2.13	2.92	3.19	1.403587444	1.070020414	0.233918	0	No
ADAMTS10	1.25	2.03	9.00	9.82	1.346666667	1.081965665	0.508122	0	No

<i>RNPEPL1</i>	1.39	1.84	2.84	2.95	1.188284519	1.028719685	0.104755	0	No
<i>CAPN10</i>	10.92	12.12	10.85	12.15	1.100671141	1.109601988	0.0509087	0	No
<i>MYO1F</i>	4.96	7.84	13.22	16.56	1.483221477	1.235145016	0.502477	0.02444407	No
<i>ERVK3-1</i>	2.95	3.73	1.88	1.65	1.197468354	0.921807813	0.103057	0	No
<i>NLRP12</i>	0.4	0.59	0.66	0.71	1.135714286	1.03156277	0	0	No
<i>ZNF787</i>	0.38	0.83	6.17	7.33	1.326086957	1.161786252	0.479942	0	No
<i>TIMM29</i>	7.9	8.82	<0.1	NA	1.103370787	NA	0	NA	No
<i>CARM1</i>	2.01	3.63	1.81	1.83	1.53820598	1.006182437	0.499937	0	No
<i>EVI5L</i>	5.65	8.4	6.08	7.37	1.413533835	1.182586803	0.355891	0	No
<i>SLC47A1</i>	16.51	17.48	22.09	22.06	1.055396916	0.998768597	0	0	No
<i>PSMB6</i>	0.55	0.48	0.35	0.48	0.95483871	1.093189705	0	0	No
<i>ZNF473</i>	0.46	0.7	3.56	4.39	1.164383562	1.181750086	0.0442078	0	No
<i>FAM71E1</i>	6.47	11.99	1.06	1.71	1.738955823	1.317504224	0.734075	0.147565	No
<i>RPS11</i>	8.01	15.09	0.99	1.88	1.785793563	1.447414587	0.757901	0.503345	No
<i>RPL13A</i>	1	1.57	2.88	3.87	1.285	1.253987333	0.326952	0.130772	No
<i>CTU1</i>	5.28	5.59	5.69	7.10	1.049363057	1.211046577	0	0	No
<i>NOSIP</i>	17.6	16.89	18.91	19.82	0.961827957	1.045922016	0	0	No
<i>IGLON5</i>	17.11	19.66	212.90	223.67	1.140806184	1.050371076	0.103433	-0.0549907	No
<i>RCN3</i>	24.81	24.46	22.66	22.70	0.986439365	1.001889079	0	-0.0174391	No
<i>ZNF614</i>	3.22	4.16	0.96	1.50	1.222748815	1.274350887	0.0675804	0	No
<i>RERE</i>	2.13	2.47	3.23	3.50	1.108626198	1.064747126	0	0	No
<i>MMEL1</i>	1.47	1.73	2.28	2.27	1.105263158	0.996151551	0.0467331	-0.0174649	No
<i>CELA2A</i>	6.24	5.49	13.37	13.95	0.89640884	1.040302548	0	0	No
<i>PADI3</i>	5.7	5.39	3.20	4.19	0.953731343	1.234754662	0	0	No
<i>PADI1</i>	2.55	3.45	19.51	19.53	1.253521127	1.00093848	0.127871	0	No
<i>EPHA2</i>	4.84	5.95	13.91	15.42	1.190068493	1.101565284	0.0626942	0	No
<i>ARHGEF19</i>	0.88	0.96	5.75	6.48	1.042553191	1.108790037	0	0	No
<i>EFHD2</i>	12.18	15.84	36.87	41.39	1.277693475	1.119329768	0.269444	0	No
<i>PEX14</i>	5.84	7.49	<0.1	NA	1.24122807	NA	0.222611	NA	No
<i>PGD</i>	2.55	1.13	<0.1	NA	0.6	NA	-0.98094	NA	No
<i>SH3BGRL3</i>	3.72	3.76	11.57	14.72	1.008474576	1.250606481	0	0.116335	No
<i>CNKSRI</i>	3.53	2.53	3.98	3.17	0.779249448	0.837323986	-0.244719	-0.264144	No
<i>RPL11</i>	1.18	1.11	3.75	4.09	0.967889908	1.070925485	0	0	No
<i>IL22RA1</i>	9.72	13.41	17.35	19.13	1.344216418	1.096853942	0.312008	0	No
<i>C1orf216</i>	8.66	13.34	<0.1	NA	1.48447205	NA	0.532131	NA	No
<i>KIAA0319L</i>	29.82	24.45	0.64	0.82	0.825762492	1.108345819	-0.190772	0	No
<i>DMRTA2</i>	10.29	6.17	29.01	30.87	0.635075288	1.062040476	-0.554992	0	No
<i>PLK4</i>	3.18	4.88	8.67	7.59	1.406698565	0.888584918	0.439114	-0.247804	No

MAP3K6	1.82	2.38	4.59	5.44	1.19858156	1.152783626	0.0873734	0	No
GPN2	3.21	3.69	6.63	6.74	1.114014252	1.014185591	0	0	No
SYTL1	0.21	0.14	<0.1	NA	0.94214876	NA	0	NA	No
WDTC1	4.35	5.41	4.24	5.09	1.198130841	1.16134856	0	0	No
NBPF3	6.59	5.59	28.45	24.65	0.868247694	0.8711110888	-0.107462	-0.244188	No
HSPG2	10.89	13.35	6.84	7.93	1.206896552	1.138655223	0.118643	0	No
ITGB3BP	7.63	7.37	3.90	4.23	0.969872538	1.066761643	0	0	No
SERBP1	10.4	6.81	12.11	12.16	0.685087719	1.003820751	-0.460244	-0.0464772	No
BCL10	9.51	9.84	14.79	17.34	1.031398668	1.16179821	0	0.0262368	No
CCN1	6.07	4.37	2.58	3.05	0.759547383	1.13252682	-0.341508	0	No
PRKACB	29.7	31.85	36.59	39.41	1.070032573	1.074948313	0.00773746	0	No
PIGK	8.02	10.67	7.24	7.45	1.293791574	1.026012445	0.217621	0	No
TINAGL1	3.94	4.4	0.63	1.11	1.093117409	1.294517338	0	0.397785	No
AZIN2	1.77	2.45	1.05	0.87	1.245487365	0.914409991	0	0	No
RPS8	4.75	4.36	5.75	7.09	0.932173913	1.198603641	0	0.0509353	No
KIF2C	11.08	22.24	2.92	3.52	1.92384106	1.152017819	0.863716	0	No
PTPRF	1.11	1.83	0.73	0.95	1.341232227	1.127239629	0.419531	0	No
MOB3C	8.74	7.29	23.37	23.11	0.851129363	0.989439934	0	-0.0762435	No
TMEM61	1	1.06	1.46	1.92	1.03	1.187165228	0	0	No
LMO4	0.22	0.43	1.76	2.00	1.172131148	1.087523334	0.0112353	0	No
BARHL2	12.55	9.55	<0.1	NA	0.778597786	NA	-0.253469	NA	No
MTF2	3.89	4.86	3.47	3.35	1.198364008	0.973913916	0.119888	0	No
SLC44A3	2.03	1.99	8.03	10.76	0.98679868	1.302683656	0	0.182626	No
IGSF3	21.23	24.73	16.84	19.04	1.157444894	1.12335173	0.0733733	0	No
ZNF697	0.19	0.25	0.70	1.17	1.050420168	1.276913028	0	0.193904	No
CTTNBP2NL	0.54	0.55	11.08	11.14	1.006493506	1.004996653	0	-0.0062137	No
STRIP1	4.72	3.65	6.54	8.11	0.812937063	1.208507859	-0.131598	0.0484114	No
PSMA5	2.64	1.82	13.96	16.48	0.774725275	1.168238205	-0.305341	0	No
CELSR2	10.19	7.38	9.22	13.01	0.748882931	1.370588233	-0.321449	0.242143	No
GPR161	9.87	11.22	3.21	3.98	1.124195032	1.18360719	0.00559292	0	No
ALDH9A1	0.34	0.15	<0.1	NA	0.858208955	NA	0	NA	No
ATP1B1	11.47	8.78	7.54	7.55	0.784282277	1.001193608	-0.237152	0	No
TIPRL	8.14	7.15	2.83	3.17	0.891684902	1.089528661	0	0	No
NME7	5.33	5.85	24.30	28.25	1.082148499	1.15610728	0.01004	0.0295193	No
POGK	1.58	2.61	43.00	48.59	1.399224806	1.126946263	0.452734	0.00560322	No
MPC2	27.1	15.48	<0.1	NA	0.586476868	NA	-0.501182	NA	No
CREG1	1.66	1.56	0.26	0.25	0.962406015	0.991617258	0	0	No
DCAF6	2.83	2.52	<0.1	NA	0.919060052	NA	0	NA	No

<i>RXRG</i>	0.84	1	3.47	5.87	1.086956522	1.537781969	0	0.329995	No
<i>TBX19</i>	42.46	42.15	0.78	1.16	0.992867004	1.214474628	0	0.101041	No
<i>UCK2</i>	1.86	2.31	3.18	3.94	1.157342657	1.182695063	0.0131928	0	No
<i>TMCO1</i>	6.46	6.19	8.62	10.40	0.963806971	1.185227087	0	0.0136611	No
<i>POU2F1</i>	1.63	1.36	4.23	3.74	0.897338403	0.906786072	0	-0.165131	No
<i>MGST3</i>	0.92	1.43	1.01	1.65	1.265625	1.316427365	0.253896	0.386298	No
<i>COP1</i>	15.97	11.35	116.67	117.15	0.727754862	1.004092351	-0.319718	-0.0080261	No
<i>NECTIN4</i>	0.6	1.53	0.46	0.36	1.58125	0.929685335	0.625466	-0.0348341	No
<i>UFC1</i>	5.39	5.78	4.18	4.64	1.061032864	1.08856876	0	0	No
<i>PPOX</i>	1.86	1.75	1.38	1.73	0.961538462	1.146228255	0	0	No
<i>NUF2</i>	4.21	4.2	5.94	5.84	0.998080614	0.985360146	0	-0.0039171	No
<i>RGS5</i>	4.01	5.6	15.96	18.73	1.317365269	1.163269637	0.253266	0.0049819	No
<i>SDHC</i>	17.92	24.72	35.91	35.87	1.359408034	0.998783246	0.305958	-0.04895	No
<i>PFDN2</i>	7.09	8.14	18.09	20.35	1.129789864	1.118226449	0	0	No
<i>NR1I3</i>	10.01	6.16	12.74	11.08	0.650317893	0.879210286	-0.539404	-0.163834	No
<i>USP21</i>	13.34	24.25	7.05	8.21	1.760808926	1.143764775	0.703275	0	No
<i>PRCC</i>	1.73	2.08	11.60	14.69	1.128205128	1.245440733	0.0512463	0.0831148	No
<i>RRNAD1</i>	2.01	2.7	14.64	13.67	1.22923588	0.937869046	0.184989	-0.0884044	No
<i>MRPL24</i>	1.27	2.8	3.86	2.74	1.674008811	0.769286236	0.732181	-0.431749	No
<i>PIGM</i>	7.07	9.59	<0.1	NA	1.312267658	NA	0.320687	NA	No
<i>ISG20L2</i>	3.18	4.32	6.69	6.92	1.272727273	1.029484093	0.204449	0	No
<i>CRABP2</i>	2.59	2.46	2.37	2.95	0.963788301	1.172723384	0	0	No
<i>HDGF</i>	27.95	27.34	36.54	30.41	0.978929188	0.836649708	0	-0.344474	No
<i>ABL2</i>	5.35	8.14	1.53	1.60	1.439370079	1.027444215	0.408629	0	No
<i>XPR1</i>	2.34	2.2	6.79	8.72	0.958083832	1.248011967	0	0.0555045	No
<i>RGS16</i>	0.45	0.16	0.17	0.48	0.8	1.262061217	0	-0.0425861	No
<i>TOR1AIP1</i>	8.18	8.36	33.01	32.21	1.019607843	0.976508298	0	-0.0581473	No
<i>RGL1</i>	0.11	0.97	<0.1	NA	1.774774775	NA	1.61962	NA	No
<i>LYPLAL1</i>	20.91	17.1	46.78	42.31	0.826106801	0.906521868	-0.119688	-0.12083	No
<i>PRUNE1</i>	0.74	0.56	1.48	2.07	0.896551724	1.238232369	0	0.0143372	No
<i>RORC</i>	9.04	11.55	32.34	33.00	1.25	1.019819265	0.240439	-0.0816225	No
<i>TUFT1</i>	0.48	1.57	2.15	2.92	1.736486486	1.245332924	1.36766	0.123463	No
<i>SF3B4</i>	12.2	14.04	6.63	7.12	1.139393939	1.064233919	0.0419407	0	No
<i>ECM1</i>	4.69	8.09	4.19	4.69	1.597539543	1.09554911	0.614989	0	No
<i>ZNF687</i>	0.52	0.65	4.19	6.32	1.085526316	1.410158777	0	0.28701	No
<i>TARS2</i>	1.54	3.35	5.86	7.36	1.712598425	1.219039002	0.84158	0.0674098	No
<i>CGN</i>	2.25	2.92	4.60	4.85	1.206153846	1.045091577	0.0461566	0	No
<i>SNX27</i>	20.49	10.34	<0.1	NA	0.527687296	NA	-0.799899	NA	No

SETDB1	21.7	23.89	61.96	59.57	1.096475771	0.962046099	0.0385435	-0.137099	No
ADAMTSL4	110.65	90.94	82.18	81.10	0.823466189	0.986985686	-0.238911	-0.118742	No
MCL1	11.5	8.91	22.73	24.92	0.7928	1.092265197	-0.251445	0	No
CTSK	5.65	6.28	9.14	9.27	1.094736842	1.0124263	0.00171707	-0.0084021	No
RFX5	0.44	0.41	11.67	11.26	0.979166667	0.967784475	0	-0.0558393	No
PI4KB	1.68	0.9	9.06	8.80	0.708955224	0.974158754	-0.0484791	-0.0801984	No
PIP5K1A	3.46	4.15	43.60	52.51	1.15470852	1.199719334	0	0.00824229	No
ANP32E	1.83	1.81	12.83	14.61	0.992932862	1.128613902	0	0	No
MINDY1	4.06	5.72	6.63	7.78	1.328063241	1.150164095	0.343504	0.0146537	No
ANXA9	4.73	4.46	13.68	13.85	0.952879581	1.011359844	0	-0.0463233	No
SELENBP1	1.46	2.22	7.35	7.14	1.308943089	0.974285059	0.300235	0	No
CERS2	7.81	10.18	19.97	20.12	1.269012486	1.00719542	0.227021	-0.0198935	No
ENSA	6.79	11.99	10.01	10.95	1.667522465	1.085401069	0.670926	0	No
SEMA6C	11.84	18.17	24.97	24.47	1.492990654	0.980768484	0.463866	-0.0144013	No
MRPL9	7.04	6.54	8.36	9.27	0.937810945	1.097552628	0	0	No
ARNT	4.55	6.41	13.89	15.01	1.335135135	1.075394419	0.345439	0	No
POGZ	22.32	30.61	<0.1	NA	1.355488851	NA	0.358115	NA	No
C1orf56	0.98	2.09	3.06	2.15	1.560606061	0.775229732	0.658612	-0.472063	No
OAZ3	1.9	2.02	1.32	1.13	1.04137931	0.919177001	0	-0.0082885	No
HORMAD1	24.97	26.86	6.55	7.56	1.07277628	1.133231612	0	0	No
GOLPH3L	10.81	15.78	0.78	1.19	1.420829805	1.231324783	0.366216	0	No
GABPB2	11.73	16.71	23.13	24.30	1.391201885	1.04863716	0.404332	0	No
SYT14	0.17	0.19	<0.1	NA	1.017094017	NA	0	NA	No
DTL	8.23	12.92	4.83	5.67	1.508125677	1.144327035	0.472415	0	No
DYRK3	0.95	0.33	0.22	0.25	0.682051282	1.021599705	-0.464272	0	No
EIF2D	0.52	1.59	0.75	0.89	1.703947368	1.08003347	0.874553	0	No
INTS7	0.78	0.75	1.32	1.77	0.983146067	1.193644211	0	0	No
TAF1A	0.16	0.24	0.15	0.00	1.068965517	0.869565217	0	0	No
SMYD2	9.23	12.96	15.01	17.64	1.364613881	1.163997953	0.332933	0.0149595	No
SUSD4	5.98	7.92	<0.1	NA	1.277936963	NA	0.267974	NA	No
DUSP10	0.19	0.25	<0.1	NA	1.050420168	NA	0	NA	No
HHIPL2	0.91	0.89	3.41	3.63	0.989528796	1.050944281	0	0	No
TP53BP2	2.92	4.19	6.75	6.64	1.323979592	0.98589339	0.309605	-0.0412465	No
ATP8B2	6.72	5.99	7.84	9.24	0.905440415	1.158577458	-0.014272	0.00226224	No
ADAM15	4.65	6.42	3.50	4.50	1.313274336	1.222621316	0.255473	0.038132	No
JTB	3.23	5.01	3.63	4.12	1.420803783	1.106362598	0.323879	0	No
RAB13	0.4	0.68	<0.1	NA	1.2	NA	0.21211	NA	No
S100A8	0.73	0.54	2.11	2.14	0.89017341	1.010882463	0	0	No

<i>TPM3</i>	1.49	1.79	5.74	6.78	1.120481928	1.155000987	0	0	No
<i>SNAPIN</i>	10.8	9.54	11.95	10.52	0.893220339	0.889479561	-0.0409852	-0.22127	No
<i>SLC27A3</i>	0.38	0.32	<0.1	NA	0.956521739	NA	0	NA	No
<i>S100A7</i>	3.04	2.54	<0.1	NA	0.876237624	NA	0	NA	No
<i>UBAP2L</i>	127.99	77.86	<0.1	NA	0.611365222	NA	-0.672796	NA	No
<i>SLC39A1</i>	3.65	4.69	6.92	6.90	1.223655914	0.99764908	0.161332	0	No
<i>HAX1</i>	10.35	15.57	31.17	30.63	1.459911894	0.983235834	0.454252	-0.0752692	No
<i>CREB3L4</i>	1.5	2.3	3.94	4.65	1.32	1.142959578	0.363264	0	No
<i>EFNA3</i>	0.34	2.74	<0.1	NA	2.791044776	NA	2.28075	NA	No
<i>C1orf43</i>	16.57	30.18	16.67	23.36	1.774615822	1.378517256	0.707258	0.221836	No
<i>GATAD2B</i>	3.35	2.49	19.04	19.74	0.802298851	1.035121586	-0.218752	0	No
<i>ILF2</i>	3.25	3.35	18.54	15.33	1.023529412	0.835660262	0	-0.203617	No
<i>RIT1</i>	34.34	25.02	193.37	181.86	0.736276174	0.940785159	-0.389432	-0.231248	No
<i>INTS3</i>	3.05	5.72	4.55	4.61	1.659259259	1.010857803	0.693037	0	No
<i>HCN3</i>	8.42	8.35	5.59	4.81	0.992569002	0.881919376	0	-0.0640365	No
<i>C1orf131</i>	3.75	2.54	3.63	2.40	0.745263158	0.735392611	-0.185216	-0.486665	No
<i>GALNT2</i>	5.34	6.36	27.12	28.30	1.160883281	1.042080564	0.0907782	0	No
<i>TTC13</i>	11.85	15.53	30.45	32.52	1.286381323	1.065786566	0.223822	0	No
<i>SCCPDH</i>	75.16	69.44	211.64	198.80	0.924894958	0.939605223	-0.0239671	-0.153937	No
<i>LYST</i>	15.16	15.82	13.59	13.11	1.040841584	0.967297806	0	-0.0751896	No
<i>MAP3K21</i>	0.45	1.07	0.80	0.93	1.427586207	1.07240854	0.872836	0	No
<i>CEP170</i>	3.56	5.02	15.09	15.61	1.320175439	1.03230862	0.264598	0	No
<i>ACP1</i>	4.19	4.67	15.55	13.77	1.092485549	0.892245959	0.00866375	-0.229978	No
<i>SNAP47</i>	17.26	14.6	122.04	119.04	0.854326396	0.975633027	-0.14043	-0.14038	No
<i>SRP9</i>	14.44	11.36	38.25	38.54	0.800518135	1.007492846	-0.226397	-0.0003265	No
<i>NVL</i>	5.36	9.93	7.00	5.78	1.718553459	0.84770923	0.677106	-0.182393	No
<i>SDE2</i>	0.21	1	30.79	31.68	1.652892562	1.02810003	1.40474	-0.0007961	No
<i>DEGS1</i>	35.69	31.45	106.31	98.16	0.884437176	0.924077713	-0.0980074	-0.167232	No
<i>FBXO28</i>	0.32	0.13	0.98	2.27	0.856060606	1.649679508	0	0.0867793	No
<i>ARF1</i>	2.55	3.32	8.30	8.58	1.216901408	1.029815086	0.127274	0	No
<i>CNIH4</i>	0.42	0.52	2.18	2.23	1.070422535	1.01692934	0	0	No
<i>ITPKB</i>	22.88	14.3	19.72	22.24	0.640703518	1.121623188	-0.588187	0	No
<i>GUK1</i>	4.97	5.29	20.97	22.12	1.05360134	1.052315998	0	0	No
<i>CDC42BPA</i>	2.61	2.42	7.34	8.05	0.947368421	1.085101361	0	0	No
<i>CNIH3</i>	0.75	1.02	8.63	10.89	1.154285714	1.23445387	0	0.106054	No
<i>C1orf35</i>	6.48	5.03	55.73	63.61	0.806149733	1.138844084	-0.212118	0	No
<i>MBOAT2</i>	5.88	15.69	10.34	15.08	2.425872093	1.41773597	1.27032	0.274022	No
<i>PARP1</i>	10.22	14.51	<0.1	NA	1.382352941	NA	0.362259	NA	No

<i>PSEN2</i>	8.33	11.75	6.07	7.85	1.366559486	1.252443824	0.401075	0	No
<i>PYCR2</i>	0.24	0.64	1.71	2.21	1.322580645	1.186191993	0.533799	0	No
<i>LBR</i>	5.33	5.18	20.24	16.94	0.976303318	0.844480155	0	-0.321631	No
<i>WNT9A</i>	3.79	4.23	3.83	4.33	1.091858038	1.103423571	0	0	No
<i>EPHX1</i>	1.53	8.38	<0.1	NA	3.707509881	NA	2.08938	NA	No
<i>REN</i>	1.86	2.57	3.00	4.60	1.248251748	1.399490055	0.106472	0.088657	No
<i>SOX13</i>	0.54	1.27	<0.1	NA	1.474025974	NA	0.553884	NA	No
<i>ETNK2</i>	0.26	0.32	0.26	0.31	1.047619048	1.036051051	0	0	No
<i>PPFIA4</i>	0.44	0.53	<0.1	NA	1.0625	NA	0	NA	No
<i>PLEKHA6</i>	10.1	8.31	27.14	32.48	0.838738739	1.18994219	-0.0876532	0.0192887	No
<i>ARL8A</i>	2.66	1.48	4.59	4.20	0.677595628	0.930471109	-0.625785	-0.0688067	No
<i>PDIA6</i>	3.54	3.49	<0.1	NA	0.988986784	NA	0	NA	No
<i>RHOB</i>	18.11	15.78	57.94	61.76	0.878074307	1.064878762	-0.0790165	0	No
<i>ATP6V1C2</i>	0.69	0.61	3.71	4.10	0.952662722	1.08292124	0	0	No
<i>HNRNPLL</i>	6.15	2.87	<0.1	NA	0.541258741	NA	-0.753732	NA	No
<i>CAMKMT</i>	5.36	4.72	36.07	36.43	0.899371069	1.009578872	-0.0062493	-0.0542803	No
<i>EML4</i>	1.92	2.72	23.88	28.56	1.273972603	1.187915718	0.287538	0	No
<i>CALM2</i>	1.94	2.38	6.49	7.51	1.149659864	1.136248152	0.0609	0	No
<i>CHAC2</i>	3.63	4.89	8.50	8.71	1.272138229	1.022484433	0.242129	0	No
<i>RPS27A</i>	4.85	5.15	3.41	4.36	1.051282051	1.214393883	0	0	No
<i>WDPCP</i>	10.6	12.45	15.52	16.04	1.159482759	1.031369104	0.0878757	-0.0021169	No
<i>VPS54</i>	17.15	15.78	26.05	27.57	0.924517906	1.056046193	-0.0209199	0	No
<i>ASXL2</i>	0.12	0.1	<0.1	NA	0.982142857	NA	0	NA	No
<i>ETAA1</i>	23.53	28.14	38.46	41.41	1.187933143	1.074681763	0.194228	0	No
<i>SNRPG</i>	3.25	4.43	5.09	5.05	1.277647059	0.993234575	0.275394	0	No
<i>ABHD1</i>	2.62	2.63	<0.1	NA	1.002762431	NA	0	NA	No
<i>CIAO1</i>	5.59	5.08	72.66	76.64	0.922610015	1.054048905	0	0	No
<i>ZNF514</i>	11.7	12.9	64.87	63.51	1.094488189	0.979371199	0.00626889	-0.0928165	No
<i>SNRNP200</i>	2.65	1.93	20.98	25.08	0.802739726	1.186588606	-0.194058	0	No
<i>MRPS5</i>	0.71	0.71	18.75	24.32	1	1.282167366	0	0.0848422	No
<i>ANKRD53</i>	1.66	2.45	5.73	7.45	1.296992481	1.255071212	0.225776	0	No
<i>TPRKB</i>	26.88	11.07	<0.1	NA	0.432926829	NA	-1.13417	NA	No
<i>EXOC6B</i>	3.63	3.67	15.17	13.87	1.008639309	0.91978104	0	-0.192563	No
<i>SFXN5</i>	3.7	4.48	10.07	12.46	1.165957447	1.216022517	0.0986322	0.014529	No
<i>TEX261</i>	2.28	2.43	4.85	5.20	1.045731707	1.060635436	0	0	No
<i>DUSP11</i>	51.11	51.58	81.52	85.55	1.009019382	1.048779698	0	-0.0340753	No
<i>MALL</i>	21.44	19.68	7.72	7.04	0.921568627	0.922401269	-0.0013915	-0.136558	No
<i>THNSL2</i>	2.16	2.5	22.68	20.26	1.107594937	0.897736948	0	-0.182917	No

<i>RALB</i>	0.21	0.64	1.23	1.30	1.355371901	1.032245316	1.13538	0	No
<i>C1QL2</i>	25.42	23.13	30.98	32.56	0.91332324	1.04941195	-0.0473931	-0.0053676	No
<i>TMEM177</i>	4.32	5.44	6.64	6.81	1.210526316	1.022086059	0.0499791	0	No
<i>NT5DC4</i>	4.79	7.3	<0.1	NA	1.433506045	NA	0.427019	NA	No
<i>RABL2A</i>	0.25	0.29	1.20	1.24	1.032	1.01790627	0	0	No
<i>SLC20A1</i>	0.65	1.06	0.70	0.81	1.248484848	1.065307111	0.445775	0	No
<i>SNRPA1P1</i>	9.4	13.9	58.57	61.09	1.432692308	1.042373537	0.447107	0	No
<i>ZC3H8</i>	4.27	6.34	12.62	19.15	1.392789374	1.479726926	0.432225	0.331496	No
<i>LIPT1</i>	8.1	11.32	31.09	29.81	1.353846154	0.960052767	0.316719	-0.121664	No
<i>FAHD2B</i>	14.84	18.37	20.20	19.51	1.222853535	0.967678057	0.220632	-0.0471208	No
<i>LYG1</i>	1.6	1.34	19.85	18.18	0.9	0.919871424	0	-0.135863	No
<i>UBXN4</i>	8.68	6.78	1.97	1.59	0.803719008	0.871413396	-0.148711	-0.204945	No
<i>SPOPL</i>	2.69	2.8	<0.1	NA	1.029810298	NA	0	NA	No
<i>POLR2D</i>	9.88	11.32	1.55	2.37	1.132352941	1.322756609	0.00039971	0.0603979	No
<i>AMMECR1L</i>	18.4	31.59	9.19	9.72	1.679896907	1.051905237	0.678278	0	No
<i>PKP4</i>	20.9	19.49	22.62	22.28	0.935616438	0.985717595	-0.0243131	-0.01676	No
<i>SCRN3</i>	0.54	1.44	<0.1	NA	1.584415584	NA	1.04051	NA	No
<i>LNPk</i>	4.41	5.91	5.14	5.78	1.277264325	1.104219927	0.254138	0	No
<i>CDCA7</i>	13.29	15.87	<0.1	NA	1.180545836	NA	0.155321	NA	No
<i>DLX1</i>	21.32	21.25	111.51	115.32	0.996863799	1.033887337	0	-0.0192406	No
<i>UBR3</i>	0.39	1.99	<0.1	NA	2.151079137	NA	1.56171	NA	No
<i>PHOSPHO2</i>	3.45	4.96	5.25	5.23	1.339325843	0.996488258	0.266004	0	No
<i>GULP1</i>	807.78	520.46	1842.82	1634.27	0.644748881	0.886893307	-0.605976	-0.298948	No
<i>FAM171B</i>	77.46	56.38	124.57	134.33	0.731328065	1.077736333	-0.325383	0	No
<i>HSPD1</i>	2.04	3.57	12.74	12.50	1.503289474	0.98240663	0.600596	-0.0505175	No
<i>CCDC150</i>	0.66	1.86	1.83	2.34	1.722891566	1.181621052	0.954616	0	No
<i>METTL21A</i>	13.08	12.77	21.75	24.45	0.977982955	1.118547432	0	0	No
<i>NBEAL1</i>	12.46	12.33	63.47	63.16	0.990341753	0.995218622	0	-0.0976272	No
<i>KANSL1L</i>	4.42	3.9	15.03	18.43	0.904059041	1.212306293	0	0.0206307	No
<i>SPAG16</i>	6.92	5.87	4.74	5.21	0.867424242	1.082694506	-0.0547467	0	No
<i>ABCA12</i>	4.89	5.68	6.83	7.37	1.134125637	1.06947859	0.0225992	0	No
<i>SUMF1</i>	6.42	5.81	15.64	16.78	0.917789757	1.068296778	-0.0318448	0	No
<i>RHBDD1</i>	34.45	34.59	50.52	53.75	1.003949224	1.062756822	0	0	No
<i>HES6</i>	4.64	5.41	2.64	2.65	1.136524823	1.001446721	0.00433704	0	No
<i>ANKMY1</i>	0.21	0.34	<0.1	NA	1.107438017	NA	0	NA	No
<i>COPS7B</i>	1.39	3.42	5.77	6.12	1.849372385	1.051473107	1.07263	0	No
<i>DIS3L2</i>	17.02	31.47	<0.1	NA	1.801886792	NA	0.78796	NA	No
<i>FANCD2</i>	5.3	7.2	8.27	7.75	1.301587302	0.943937043	0.268394	-0.0647229	No

TAMM41	4.48	5.36	2.07	2.57	1.160583942	1.16152692	0.0904239	0	No
VGLL4	47.84	51.14	53.61	46.04	1.067567568	0.861388867	0	-0.2388	No
RAB5A	7.41	9.07	11.27	11.36	1.197384067	1.007418491	0.1154	-0.0634537	No
RETREG2	6.82	5.25	12.28	14.23	0.799232737	1.14655502	-0.190919	0	No
CTDSP1	3.77	3.02	0.64	0.59	0.842767296	0.96776712	-0.0995251	0	No
CNOT9	5.89	8.93	5.46	5.31	1.441219158	0.977132672	0.409658	0	No
MARCHF4	44.24	36.81	9.25	10.86	0.83576481	1.15708138	-0.156	0	No
STK11IP	1.18	1.29	2.52	3.00	1.050458716	1.13671776	0	0	No
GMPPA	6.32	7.33	19.90	22.78	1.137978142	1.137885638	0.0789763	0	No
EAF1	8.75	10.82	12.56	14.57	1.212307692	1.147895476	0.20242	0	No
DYNC1LI1	0.12	0.24	<0.1	NA	1.107142857	NA	0	NA	No
OSBPL10	0.36	0.34	0.32	0.37	0.985294118	1.038373143	0	0	No
POMGNT2	40.09	23.65	21.42	18.23	0.599902653	0.857663356	-0.645643	-0.182988	No
ACKR2	1.45	2.6	3.53	4.04	1.469387755	1.111521874	0.620703	0	No
GASK1A	2.06	1.62	0.91	0.86	0.85620915	0.975600411	-0.029768	0	No
CSRNP1	13.61	12.81	50.42	47.07	0.945242984	0.934773061	0	-0.13269	No
SLC25A38	31.72	33.62	33.85	39.67	1.05806846	1.166934294	0.0282817	0.0461657	No
GOLGA4	0.58	0.69	0.91	0.89	1.069620253	0.988624119	0	0	No
CTDSPL	4.51	6.44	9.36	10.02	1.350272232	1.063379425	0.293335	0	No
STAC	16.46	14.27	15.05	18.29	0.874570447	1.20184931	-0.0929475	0.0615942	No
IQSEC1	1.94	4.08	1.73	1.11	1.727891156	0.774061414	0.768678	-0.34545	No
CAND2	9.32	12.44	39.49	42.62	1.302325581	1.07739621	0.284883	0	No
RPL32	3.5	3.68	<0.1	NA	1.04	NA	0	NA	No
PTPRG	16.48	24.02	49.57	39.60	1.431350114	0.802765438	0.417082	-0.336316	No
IL17RD	0.28	0.43	0.37	0.24	1.1171875	0.907752366	0	0	No
SHQ1	6.13	6.12	16.77	16.15	0.998597475	0.965175176	0	-0.0754333	No
SLC25A26	1.8	2.81	14.60	14.29	1.360714286	0.980173783	0.391912	-0.10198	No
UBA3	1.72	1.95	8.85	9.75	1.084558824	1.091638534	0	0	No
ARL6IP5	5.13	4.56	14.04	16.07	0.907014682	1.134909712	0	0	No
TMF1	0.54	0.4	<0.1	NA	0.909090909	NA	0	NA	No
LRIG1	0.27	0.52	<0.1	NA	1.196850394	NA	0.295118	NA	No
LIMD1	2.77	4.71	3.90	4.59	1.514588859	1.141225568	0.509633	0	No
NFKBIZ	5.32	7.14	7.25	7.35	1.287974684	1.011986447	0.268415	0	No
COL8A1	11.83	10.63	2.23	1.55	0.906469213	0.789392471	0	-0.418969	No
NXPE3	1.09	1.81	0.20	0.28	1.344497608	1.064553715	0.4452	0	No
MYH15	9.26	12.07	<0.1	NA	1.273879142	NA	0.190101	NA	No
PHLDB2	16.64	14.78	42.91	40.14	0.894557823	0.936862114	-0.0631219	-0.14284	No
ABHD10	9.69	23.03	5.45	6.40	2.247895229	1.14651409	1.15392	0	No

<i>TAGLN3</i>	8.01	12.67	94.96	103.70	1.517203108	1.091039269	0.49232	0	No
<i>RABL3</i>	1.69	2.51	<0.1	NA	1.304832714	NA	0.162415	NA	No
<i>ADPRH</i>	3.5	4.41	12.96	12.08	1.202222222	0.936944861	0.0872662	-0.0261579	No
<i>ATG3</i>	21.78	20.57	48.62	45.72	0.946883231	0.941610824	0	-0.147866	No
<i>SRPRB</i>	18.48	14.4	11.37	13.95	0.790554415	1.208558137	-0.147726	0	No
<i>EIF2A</i>	1.33	1.21	0.41	1.52	0.948497854	1.789006383	0	0.776728	No
<i>ALDH1L1</i>	2.45	3.09	369.82	426.96	1.185507246	1.154086355	0.0552642	0.0364303	No
<i>OSBPL11</i>	0.2	0.27	0.31	0.28	1.058333333	0.980261936	0	0	No
<i>NCEH1</i>	92.17	78.57	427.73	393.28	0.854030267	0.919642094	-0.160221	-0.240594	No
<i>FAM86B2</i>	15.99	12.13	72.21	79.21	0.772807534	1.095557425	-0.312902	0	No
<i>LPP</i>	46.32	42.41	341.67	296.00	0.91737109	0.866716851	-0.0722321	-0.314035	No
<i>TMEM44</i>	0.32	0.69	<0.1	NA	1.28030303	NA	0.57456	NA	No
<i>RUBCN</i>	0.78	1.86	1.16	1.98	1.606741573	1.379297719	0.794478	0.22604	No
<i>AMT</i>	2.13	2.48	1.11	1.33	1.111821086	1.104603218	0	0	No
<i>TCTA</i>	33.81	35.16	122.23	113.66	1.038781959	0.930419335	0	-0.215929	No
<i>DCAF1</i>	19.46	20.81	52.34	56.96	1.065982405	1.086628301	0.0233475	0	No
<i>MANF</i>	46.54	32.14	80.80	74.53	0.697097181	0.923300011	-0.445478	-0.228962	No
<i>EA2</i>	11.99	11.8	20.19	19.06	0.985373364	0.946626936	0	-0.090863	No
<i>ILDR1</i>	17.4	25.59	27.07	28.70	1.445108696	1.057992548	0.416602	0	No
<i>TM4SF19</i>	4.54	7.05	27.39	24.11	1.453068592	0.884557793	0.467507	-0.150744	No
<i>MUC4</i>	6.24	2.8	16.62	14.71	0.524861878	0.891624497	-0.982573	-0.211773	No
<i>SLIT2</i>	18.83	16.74	25.31	22.95	0.894604135	0.910212986	-0.0877896	-0.228132	No
<i>EIF2B5</i>	7.96	9.54	26.70	26.10	1.176339286	0.978378916	0.072571	-0.112263	No
<i>VWA5B2</i>	3.65	4.65	16.63	16.88	1.215053763	1.014462105	0.0799685	0	No
<i>DGKQ</i>	1.38	1.55	0.70	0.84	1.071428571	1.083948825	0	0	No
<i>FIP1L1</i>	11.21	18.14	15.40	15.87	1.567567568	1.028927671	0.545636	0	No
<i>SLC26A1</i>	0.44	1.15	<0.1	NA	1.493055556	NA	0.623096	NA	No
<i>LYAR</i>	42.97	59.75	19.75	21.79	1.381623834	1.098502937	0.393085	0	No
<i>CENPC</i>	30.79	29.74	71.16	61.30	0.966970746	0.863313646	0	-0.306435	No
<i>ATP10D</i>	0.44	0.23	1.59	1.88	0.854166667	1.112243794	-0.312959	0	No
<i>OCIAD2</i>	1.42	0.7	10.54	11.13	0.702479339	1.051436716	-0.693798	0	No
<i>SCD5</i>	0.35	0.36	5.23	5.79	1.007407407	1.089585459	0	0	No
<i>PLAC8</i>	4.95	5.69	57.26	61.61	1.124369748	1.074642541	0.0173841	0	No
<i>ENOPH1</i>	1.32	1.53	4.93	5.91	1.090517241	1.164581258	0	0.0417676	No
<i>TRMT10A</i>	0.59	0.99	6.67	6.47	1.251572327	0.973705912	0.350983	-0.0106258	No
<i>KLHL8</i>	26.88	23.11	20.13	21.45	0.864777618	1.062353199	-0.0691475	0	No
<i>PYURF</i>	22.53	14.09	5.18	5.08	0.641308967	0.98456614	-0.539615	0	No
<i>TBCK</i>	17.64	17.92	15.80	15.40	1.015021459	0.975918509	0	-0.0200975	No

<i>CAMK2D</i>	7.59	9.02	<0.1	NA	1.166472643	NA	0.081417	NA	No
<i>CISD2</i>	15.68	19.16	1.17	1.23	1.208633094	1.027655451	0.206474	0	No
<i>DDIT4L</i>	34.94	21.59	<0.1	NA	0.628547579	NA	-0.583022	NA	No
<i>TIFA</i>	22.75	13.76	56.59	59.05	0.621473684	1.042737337	-0.540063	0	No
<i>SPATA5</i>	32	68.1	33.82	34.14	2.093939394	1.009073367	0.977578	-0.0139897	No
<i>CCNA2</i>	50.54	39.51	0.29	0.34	0.785991463	1.035156826	-0.274833	0	No
<i>METTL14</i>	5.25	7.01	100.10	99.20	1.2816	0.991146928	0.222457	-0.108136	No
<i>USP53</i>	9.67	6.24	<0.1	NA	0.678537957	NA	-0.374009	NA	No
<i>SETD7</i>	37.92	46.4	181.96	124.41	1.217882837	0.68546351	0.178858	-0.584471	No
<i>NAF1</i>	15.69	20.27	31.26	32.04	1.274415818	1.024200415	0.294038	-0.0154784	No
<i>RPS3A</i>	8.93	7.8	57.67	42.18	0.886203424	0.735933175	-0.0148714	-0.52861	No
<i>PDGFC</i>	10.04	9.54	24.18	25.46	0.954710145	1.05089639	0	0	No
<i>CBR4</i>	2.2	1.33	35.67	35.45	0.728125	0.993895105	-0.278799	-0.0335039	No
<i>CYP4V2</i>	13.24	10.68	<0.1	NA	0.820224719	NA	-0.189531	NA	No
<i>ROPN1L</i>	0.99	1.15	3.00	3.54	1.08040201	1.135554081	0	0	No
<i>NDUFS6</i>	28.28	16.27	143.13	128.81	0.589822404	0.900638368	-0.716709	-0.280042	No
<i>MARCHF6</i>	1.03	1.58	19.99	17.14	1.270935961	0.864348756	0.304493	-0.272574	No
<i>NKD2</i>	14.02	7.67	30.98	26.12	0.57723036	0.848145146	-0.67825	-0.266901	No
<i>ADAMTS16</i>	0.45	1.8	2.46	1.93	1.931034483	0.847500914	0.224034	0	No
<i>SRD5A1</i>	35.11	34.01	48.68	49.62	0.969537524	1.018985189	0	-0.0397001	No
<i>MYO10</i>	10.84	10.96	49.41	41.70	1.010135135	0.847081115	0	-0.321477	No
<i>OTULINL</i>	13.63	16.87	41.04	41.82	1.221462748	1.018470852	0.209425	-0.0051236	No
<i>RPL37</i>	10.03	15.71	20.09	20.71	1.514959202	1.029373633	0.487415	-0.0102543	No
<i>SKP2</i>	1.76	1.95	4.53	5.99	1.06884058	1.263884262	0	0	No
<i>OSMR</i>	0.2	0.29	0.53	0.56	1.075	1.021850424	0	0	No
<i>PLK2</i>	2.48	2.29	5.46	6.73	0.945402299	1.197100919	0	0	No
<i>PIK3R1</i>	356.57	328.46	35.94	76.18	0.921386022	2.089214907	-0.0631466	0.756207	No
<i>LHFPL2</i>	2.59	4.42	<0.1	NA	1.509749304	NA	0.508279	NA	No
<i>RASA1</i>	0.46	0.58	0.27	0.30	1.082191781	1.020697188	0	0	No
<i>GIN1</i>	41.96	81.19	10.11	14.03	1.913175047	1.352933801	0.888148	0.217365	No
<i>PPIP5K2</i>	51.07	48.42	3.37	5.49	0.949106971	1.485842476	-0.0095326	0.338673	No
<i>PAM</i>	60.59	43.8	34.35	32.10	0.72739081	0.93631272	-0.39391	-0.105344	No
<i>BDP1</i>	3.13	2.73	7.86	9.78	0.9031477	1.216704478	0	0	No
<i>GTF2H2</i>	130.47	103.91	173.72	164.27	0.797976725	0.94589753	-0.287919	-0.163196	No
<i>SLC30A5</i>	1.6	1.85	<0.1	NA	1.096153846	NA	0	NA	No
<i>BTF3</i>	3.61	4.77	7.05	7.41	1.251626898	1.044206692	0.241	-0.0254958	No
<i>FBXL17</i>	14.98	31.39	163.90	163.64	2.026908636	0.998442669	0.877586	-0.0611863	No
<i>TSLP</i>	45.03	74.29	84.78	79.43	1.635672388	0.93763945	0.64656	-0.186851	No

<i>TNFAIP8</i>	0.15	0.22	<0.1	NA	1.060869565	NA	0	NA	No
<i>FEM1C</i>	1.17	2.02	2.42	2.46	1.391705069	1.010599237	0.430931	0	No
<i>COMMD10</i>	1.85	3.52	12.05	14.43	1.585964912	1.182246372	0.424669	0	No
<i>ATG12</i>	0.13	0.98	0.47	0.35	1.752212389	0.915860927	2.28042	0	No
<i>YIPF5</i>	0.19	0.79	1.25	2.44	1.504201681	1.529955148	1.25165	0.476011	No
<i>ARHGAP26</i>	4.55	3.94	38.31	31.93	0.89009009	0.837801631	-0.0203002	-0.323197	No
<i>SLC25A48</i>	1.88	1.6	30.45	27.87	0.902777778	0.91788847	0	-0.180625	No
<i>DDX46</i>	0.37	0.34	104.84	108.25	0.97810219	1.032176687	0	-0.0472231	No
<i>RNF145</i>	4.35	6.07	<0.1	NA	1.321495327	NA	0.262636	NA	No
<i>C1QTNF2</i>	0.18	0.79	2.54	1.91	1.516949153	0.821618023	1.21602	-0.374999	No
<i>FBXO38</i>	34.53	27.22	92.77	78.96	0.794258373	0.85271494	-0.239733	-0.32828	No
<i>PCYOX1L</i>	16.71	18.13	<0.1	NA	1.080180689	NA	0	NA	No
<i>TNIP1</i>	14.8	14.01	54.53	42.54	0.95	0.784006102	0	-0.439392	No
<i>G3BP1</i>	14.5	10.98	13.32	11.52	0.772903226	0.874086553	-0.277965	-0.246135	No
<i>ZNF300</i>	0.92	0.67	0.14	0.12	0.869791667	0.986095033	0	-0.0511481	No
<i>N4BP3</i>	128.64	82.29	124.81	122.60	0.642471459	0.982459489	-0.553554	-0.107836	No
<i>NHP2</i>	2.01	4.65	3.76	3.95	1.877076412	1.040733152	0.96417	0	No
<i>RMND5B</i>	4.6	13.31	1.37	0.60	2.555357143	0.674338154	1.20828	0	No
<i>BOD1</i>	713.49	419.27	2608.26	2517.80	0.588209772	0.96533053	-0.726822	-0.141696	No
<i>FAM50B</i>	491.95	258.56	1217.71	1162.47	0.526544274	0.954673683	-0.889287	-0.186603	No
<i>TBC1D7</i>	15.46	10.7	13.98	11.54	0.710814095	0.83738208	-0.320133	-0.243101	No
<i>FARS2</i>	18.88	34.31	62.28	63.17	1.776156942	1.014052498	0.757115	-0.0334488	No
<i>GFOD1</i>	0.23	0.25	<0.1	NA	1.016260163	NA	0	NA	No
<i>CDKAL1</i>	18.55	23.83	4.35	4.97	1.270076726	1.115470393	0.177297	0	No
<i>ZMAT2</i>	1.34	3.99	1.59	1.98	2.132478632	1.150797515	1.24829	0	No
<i>GFRA3</i>	4	6.17	5.38	5.49	1.434	1.017194421	0.490836	-0.0050152	No
<i>KLHL3</i>	0.28	0.8	0.14	0.28	1.40625	1.123292103	0.679921	0	No
<i>TRIM7</i>	0.11	0	0.17	0.00	0.900900901	0.854700855	0	0	No
<i>TRIM41</i>	6.29	35.18	<0.1	NA	4.962962963	NA	2.29714	NA	No
<i>HIGD2A</i>	9.06	11.75	<0.1	NA	1.267395626	NA	0.220345	NA	No
<i>FAM193B</i>	169.73	169.83	0.34	0.46	1.00058572	1.091139434	0	0	No
<i>PLA2G7</i>	5.33	13.18	4.29	5.96	2.240126382	1.316404028	1.10098	0.0325046	No
<i>TNFRSF21</i>	153.44	87.12	144.72	136.35	0.570577571	0.942583385	-0.751326	-0.1893	No
<i>RNF44</i>	17.07	12.51	33.29	28.28	0.747648035	0.853846722	-0.279397	-0.304233	No
<i>MMUT</i>	83.24	78.02	111.80	102.34	0.938034188	0.916122013	-0.0265106	-0.243145	No
<i>RASGEF1C</i>	112.23	74.37	267.73	253.15	0.665636315	0.945739822	-0.469868	-0.188338	No
<i>DOK3</i>	8.76	7.55	<0.1	NA	0.87602459	NA	-0.0209975	NA	No
<i>ABT1</i>	194.18	146.26	1253.46	1385.52	0.754483041	1.105274441	-0.356767	0	No

PPP1R18	4.4	5.76	9.15	9.45	1.251851852	1.029764455	0.107948	0	No
PRIM2	4.7	4.24	12.31	13.68	0.919298246	1.103202083	0	0	No
FGD2	3.09	7.64	74.09	53.05	2.112469438	0.719769227	1.01337	-0.580218	No
SCUBE3	4.79	7.24	14.71	15.01	1.423143351	1.019119933	0.380824	-0.0110589	No
CRIP3	8.34	9.57	14.44	18.89	1.131691649	1.288140251	0.0461751	0.172633	No
RPL7L1	5.05	7.39	27.13	26.72	1.38677686	0.985538826	0.348329	-0.0625095	No
NFKBIE	18.47	14.26	16.87	15.88	0.783769902	0.944666903	-0.260205	-0.112388	No
CYP39A1	2.86	4.42	2.00	2.00	1.404145078	1.001180926	0.401097	0	No
TPBG	18.52	13.72	4.66	5.30	0.754098361	1.112505759	-0.367813	0	No
IRAK1BP1	2.04	2.06	19.22	20.92	1.006578947	1.084249712	0	0	No
PHIP	29.66	33.47	85.83	82.77	1.124266145	0.964731123	0.103572	-0.153984	No
MMS22L	1.31	1.66	5.07	5.50	1.151515152	1.071072534	0	0	No
FAXC	3.32	4.27	6.07	6.14	1.219907407	1.009793871	0.123629	0	No
PNRC1	0.57	0.62	0.22	0.33	1.031847134	1.089460373	0	0	No
PM20D2	259.61	201.15	2226.13	2199.98	0.775680135	0.988257183	-0.324366	-0.130981	No
RARS2	36.44	44.26	67.29	71.78	1.208867521	1.065736768	0.189754	-0.0051227	No
TBC1D32	72.95	69.8	91.35	74.71	0.957403651	0.819771641	-0.0238742	-0.398836	No
RNF217	4.17	5.75	4.19	4.98	1.305609284	1.151586473	0.256915	0	No
ARHGAP18	3.02	3.1	<0.1	NA	1.019900498	NA	0	NA	No
ABRACL	15.26	15.03	16.29	19.37	0.985854859	1.177883104	0	0	No
SLC18B1	0.21	0.1	0.48	0.48	0.909090909	0.99743198	0	0	No
MTFR2	4.75	6.03	17.86	19.74	1.222608696	1.099433262	0.148093	0	No
SLC2A12	4.94	5.4	<0.1	NA	1.077441077	NA	0	NA	No
SHPRH	15.41	13.7	2.74	3.49	0.895795247	1.201636166	-0.0641759	0.0403635	No
AIG1	0.38	0.9	3.01	3.63	1.376811594	1.153635526	0.60422	0	No
DYNLT1	4.35	5.23	1.59	1.89	1.164485981	1.115364222	0.0801222	0	No
TIAM2	8.12	9.6	22.81	23.76	1.162280702	1.040044731	0.105398	-0.0234241	No
TMEM181	39.16	36.02	58.26	59.92	0.921812749	1.027943151	-0.0456668	-0.0048161	No
WTAP	4.55	7.82	3.66	3.42	1.589189189	0.949126517	0.65378	-0.123489	No
ZMYM4	3	4.55	0.27	0.42	1.3875	1.117372174	0.429548	0	No
ARMT1	27.36	32.53	41.17	43.21	1.182299013	1.048418228	0.138939	0	No
LINC01558	175.49	109.76	1.87	2.75	0.627570967	1.307467641	-0.621307	0.189991	No
VWDE	33.02	25.58	22.09	22.60	0.781305115	1.021903367	-0.254205	-0.0142486	No
GNA12	2.99	3.19	5.20	4.01	1.050125313	0.807458984	0	-0.131798	No
C7orf50	12.53	14.12	24.49	27.58	1.11751663	1.121329381	0.0693971	0	No
WASH2P	42.68	31.31	20.42	22.66	0.739697802	1.104382418	-0.334367	0	No
CCZ1B	61.14	100.88	53.16	55.31	1.639523656	1.039658853	0.653185	-0.0168173	No
C7orf26	10.51	13.5	10.19	9.23	1.259774109	0.9141065	0.233652	-0.110057	No

<i>RBAK</i>	1.16	1.37	0.40	0.56	1.09722222	1.113275065	0	0	No
<i>CREB5</i>	20.91	21.13	29.05	28.46	1.010041077	0.980454969	0	-0.0710285	No
<i>EGFR</i>	19.32	23.61	22.14	23.50	1.211122047	1.058907718	0.188672	0	No
<i>LINC00525</i>	1.28	2.03	2.47	2.90	1.328947368	1.12387907	0.445388	0	No
<i>CDCA5</i>	14.6	9.23	34.85	35.36	0.655769231	1.014363967	-0.546484	0	No
<i>IGFBP3</i>	12.54	12.68	<0.1	NA	1.010339734	NA	0	NA	No
<i>PURB</i>	30.21	16.09	<0.1	NA	0.547580904	NA	-0.780149	NA	No
<i>AC004453.1</i>	30.32	36.01	86.69	97.55	1.181673052	1.123877686	0.116103	0	No
<i>IGFBP1</i>	6.72	5.53	12.59	13.12	0.845854922	1.039312941	-0.0775223	0	No
<i>SSC4D</i>	10.05	13.06	31.35	33.13	1.27239819	1.055037068	0.200172	0	No
<i>MDH2</i>	0.19	0.25	0.45	0.51	1.050420168	1.038283781	0	0	No
<i>POMZP3</i>	32.13	28.55	21.78	24.74	0.891940839	1.130136151	-0.0667829	0	No
<i>NIPSNAP2</i>	342.28	263.04	138.13	140.77	0.769168026	1.018952138	-0.299219	0	No
<i>CCT6A</i>	14.26	10.77	25.75	28.12	0.77129751	1.088713983	-0.243943	0	No
<i>PSPH</i>	35.39	32.96	89.09	85.14	0.933223413	0.956115038	-0.0094679	-0.162202	No
<i>ZNF92</i>	26.37	23.93	22.93	19.94	0.910851297	0.874926476	-0.0170672	-0.234757	No
<i>ATXN7L1</i>	50.15	37.36	86.23	90.85	0.749951124	1.052929067	-0.295888	0	No
<i>TMEM168</i>	1.3	2.05	6.54	7.78	1.326086957	1.164763809	0.330277	0	No
<i>MAP11</i>	2.36	5.09	1.40	1.81	1.8125	1.172711716	0.956469	0.139892	No
<i>SLC12A9</i>	2.17	2.69	4.92	6.13	1.164037855	1.204910163	0.0760876	0.0522625	No
<i>GIGYF1</i>	0.98	1.11	6.93	9.81	1.065656566	1.36355558	0	0.109927	No
<i>TRIM4</i>	4.43	4.53	17.87	20.03	1.018416206	1.114615367	0	0	No
<i>MEPCE</i>	0.25	0.25	0.74	1.35	1	1.351464535	0	0.113089	No
<i>TMEM209</i>	4.36	4.12	9.93	11.53	0.955223881	1.146362388	0	0	No
<i>AGBL3</i>	4.66	6.01	<0.1	NA	1.238515901	NA	0.0975358	NA	No
<i>ZC3HAV1L</i>	9	19.95	0.46	0.90	2.095	1.298085171	0.990382	0	No
<i>TMEM140</i>	34.07	31.37	83.16	87.63	0.923011121	1.053063987	0	-0.0283389	No
<i>TLK2</i>	0.59	3.1	64.30	83.96	2.578616352	1.300995825	1.80412	0.1819	No
<i>EPHA1</i>	6.02	8.05	18.62	18.26	1.289173789	0.981847615	0.252849	-0.108842	No
<i>NOM1</i>	5.49	4.18	23.61	22.53	0.798151002	0.956219941	-0.146012	-0.101852	No
<i>NCAPG2</i>	2.78	3.33	0.90	1.21	1.145502646	1.161601057	0.0137276	0	No
<i>SHROOM2</i>	0.77	0.78	6.12	7.60	1.005649718	1.207679765	0	0.0930483	No
<i>RAB19</i>	2.4	3.31	23.31	24.84	1.267647059	1.062774787	0.215893	0	No
<i>LUC7L2</i>	4.45	8.44	9.64	15.74	1.732110092	1.573082732	0.743569	0.474199	No
<i>DENND2A</i>	25.65	26.8	86.41	86.49	1.04315197	1.000873183	0	-0.101302	No
<i>CLTRN</i>	0.35	0.44	2.87	6.24	1.066666667	1.871106054	0	0.536166	No
<i>SH3KBP1</i>	10.13	10.36	26.77	24.97	1.02066487	0.93517563	0	-0.145875	No
<i>LANCL3</i>	9.6	16.04	1.94	2.13	1.60754717	1.06300448	0.604369	0	No

CASK	10.41	12.78	80.60	79.02	1.207712533	0.980624124	0.125783	-0.11405	No
KDM6A	1.86	3.07	<0.1	NA	1.423076923	NA	0.35337	NA	No
MSN	5.53	5.56	2.14	2.57	1.004594181	1.135854493	0	0	No
CCNB3	2.41	3.55	0.37	3.40	1.33431085	3.209883512	0.209313	2.09753	No
HDAC8	17.58	20.74	100.81	91.05	1.17007535	0.904130077	0.121373	-0.238654	No
SLC16A2	16.75	13.62	89.53	90.93	0.823661972	1.015425582	-0.166737	-0.0171392	No
ZNF182	26.76	16.73	56.52	48.71	0.638688761	0.864305231	-0.495038	-0.220308	No
CHST7	3.9	3.93	17.65	18.92	1.006122449	1.067923617	0	0	No
KRBOX4	2.76	3.41	12.55	13.42	1.17287234	1.064502739	0.107241	0	No
NDUFB11	1.68	2.26	0.74	0.60	1.21641791	0.920800516	0	0.253927	No
ZNF41	0.15	0.3	3.25	3.61	1.130434783	1.085688413	0	0	No
RAB41	5.74	8.66	<0.1	NA	1.433234421	NA	0.32426	NA	No
ZMYM3	4.12	2.75	8.85	8.01	0.732421875	0.914466434	-0.251275	-0.145341	No
TAF1	0.47	0.55	5.74	5.97	1.054421769	1.033617434	0	0	No
NONO	0.67	0.42	<0.1	NA	0.850299401	NA	-0.261464	NA	No
CCDC120	10.8	19.24	14.95	16.53	1.715254237	1.098832382	0.699827	0	No
EBP	0.39	0.58	0.25	0.43	1.136690647	1.14208605	0.0612612	0	No
OGT	8.9	5.38	20.97	19.93	0.644444444	0.95273984	-0.576829	0	No
SNX12	7.6	10.04	8.18	9.48	1.28372093	1.142117315	0.239911	0	No
ITGB1BP2	3.01	3.44	4.65	5.12	1.10723192	1.084029329	0	0	No
IL2RG	5.72	5.88	12.20	11.35	1.023809524	0.93597126	0	0	No
DIAPH2	3.06	1.72	<0.1	NA	0.669950739	NA	-0.489094	NA	No
PRPS1	6.6	9.67	11.84	12.53	1.403947368	1.053851593	0.318695	0	No
RBMX	0.18	0.65	<0.1	NA	1.398305085	NA	0.600731	NA	No
MCPH1	8.58	12.08	28.38	30.74	1.365344468	1.080307653	0.3519	0	No
MFHAS1	0.52	2.05	14.52	15.84	2.006578947	1.085316263	1.54616	0	No
FBXO25	27.24	24.46	58.63	59.00	0.901558074	1.006197794	-0.0711239	-0.0720596	No
NSDHL	30.66	24.68	113.89	103.06	0.81111813	0.905768526	-0.140814	-0.238285	No
ZNF185	11.78	13.51	7.18	11.88	1.135367762	1.575124623	0.0117661	0.475761	No
CETN2	19.38	21.26	116.65	120.51	1.092247301	1.032789031	0.0710484	-0.0545087	No
RPL10	9.23	11.3	42.86	40.73	1.202346041	0.951381394	0.0123054	-0.0636316	No
CSGALNACT1	0.52	3.99	10.31	18.64	3.282894737	1.736673373	2.46343	0	No
ATP6V1B2	20.96	17.42	68.93	74.88	0.838797814	1.08511758	-0.175054	0	No
CCDC25	9.15	10.65	99.07	102.83	1.147783251	1.03752912	0.0294935	-0.0333201	No
HMBOX1	41.08	31.8	138.86	114.38	0.779467681	0.824995952	-0.242201	-0.328365	No
GNRH1	4.33	6.26	5.26	5.65	1.362101313	1.062435209	0.247116	0	No
BIN3	3.05	1.7	2.19	1.71	0.666666667	0.850567323	-0.313212	0	No
SLC25A37	73.04	64.28	165.16	149.05	0.881685575	0.903032986	-0.103205	-0.216204	No

CHMP7	3.09	2.86	7.64	8.00	0.943765281	1.041391517	0	0	No
DOCK5	122.12	117	155.38	150.39	0.958414555	0.968068923	0	-0.13025	No
PLPBP	11.21	14.35	8.17	11.05	1.257166257	1.314607779	0.201839	0.22984	No
ERLIN2	7.56	7.76	22.39	24.49	1.023364486	1.089738193	0	0	No
RGS20	1.55	3.11	5.14	5.74	1.611764706	1.097724749	0.635589	0	No
TACC1	1.84	2.29	28.34	32.88	1.158450704	1.154673	0	0	No
GOLGA7	27.64	17.14	39.10	38.47	0.633379888	0.984184513	-0.603123	-0.109376	No
PLPP5	4.8	3.04	11.66	13.23	0.696551724	1.123855607	-0.380656	0	No
GIN54	5.22	5.61	32.51	35.14	1.062700965	1.078381277	0	0	No
NSD3	0.95	1.33	42.89	44.08	1.194871795	1.027155319	0.251035	-0.0652966	No
TRIM55	3.12	3.98	<0.1	NA	1.208737864	NA	0.143988	NA	No
MRPS28	3.75	3.68	14.13	15.53	0.985263158	1.092751671	0	0	No
LACTB2	16.91	19.52	46.10	47.41	1.145728643	1.027750832	0.0809072	0	No
TERF1	9.54	10.08	17.87	16.96	1.051233397	0.951868926	0	-0.110422	No
RPL7	50.02	56.14	110.97	131.92	1.11995296	1.187147018	0.0654408	0.0550931	No
SYBU	5.18	6.39	17.12	18.84	1.19579288	1.094956318	0.0893991	0	No
MTDH	6.92	7.69	13.52	12.96	1.097222222	0.961385285	0	-0.0874473	No
LRP12	18.49	26.63	73.64	81.57	1.417650077	1.106235357	0.37649	0	No
EBAG9	3.99	8.84	9.24	10.46	1.971943888	1.118676188	0.958952	0	No
POLR2K	333.73	228.6	535.49	484.84	0.68592597	0.905595342	-0.509085	-0.281273	No
MAL2	10.25	11.16	76.84	85.64	1.080888889	1.11307213	0	0	No
EIF3H	2.39	3.23	8.34	8.08	1.247787611	0.97264488	0.185683	-0.0895631	No
UTP23	72.81	55.35	320.43	287.41	0.763446687	0.897269532	-0.331773	-0.23624	No
NDUFB9	2.55	4.58	1.45	1.76	1.571830986	1.127761752	0.683668	0	No
TATDN1	0.34	0.45	0.28	0.24	1.082089552	0.965607313	0	0	No
FAM83A	10.36	11.59	70.08	70.91	1.108274648	1.011689981	0.00180798	-0.0561673	No
GSDMC	8.39	5.91	3.35	4.33	0.735889244	1.226225097	-0.364201	0.0175413	No
ZNF7	39.74	42.34	161.06	173.05	1.063819342	1.073974622	0.0272805	-0.0008381	No
ARHGAP39	3.66	6.06	6.58	7.99	1.515021459	1.186508015	0.463173	0	No
SLC39A4	25.97	34.29	136.75	135.16	1.308490916	0.988441326	0.294486	-0.0663942	No
NAPRT	5.98	9.3	57.55	52.31	1.475644699	0.910495348	0.467316	-0.210123	No
AK3	5.98	9.44	3.03	3.86	1.495702006	1.205318617	0.456322	0	No
UHRF2	44.27	63.81	22.04	30.05	1.431632428	1.347832179	0.431606	0.231848	No
NFIB	1.47	8.18	<0.1	NA	3.71659919	NA	1.96085	NA	No
PLIN2	11.71	18.61	2.84	3.75	1.542879622	1.236457436	0.56161	0.0266285	No
HAUS6	7.62	9.43	0.13	0.24	1.209976798	1.100178585	0.130343	0	No
CDKN2B	0.22	0.54	10.25	14.04	1.262295082	1.336626956	0.668359	0.274031	No
CDKN2A	11.87	22.29	0.41	0.65	1.80963481	1.166780328	0.81919	0	No

<i>C9orf72</i>	34.67	35.42	33.28	33.73	1.021026072	1.01325975	0	0	No
<i>ZCCHC7</i>	103.54	69.67	141.42	143.93	0.676009183	1.017627835	-0.512223	-0.0418674	No
<i>FBXO10</i>	12.08	25.56	10.51	10.23	2.03058104	0.975545113	0.905209	-0.0474044	No
<i>SIGMAR1</i>	1.42	2.56	0.79	0.79	1.47107438	0.997355851	0.419936	0	No
<i>CBWD5</i>	7.16	6.69	14.09	15.17	0.942401961	1.071794306	0	0	No
<i>CEP78</i>	0.64	0.91	1.65	1.90	1.164634146	1.093574566	0	0	No
<i>IDNK</i>	6.26	7.24	6.53	7.74	1.134986226	1.160853528	0.0627374	0	No
<i>SHC3</i>	43.04	52.26	50.20	58.22	1.209355132	1.156695665	0.220214	0.0441851	No
<i>AUH</i>	1.43	3.92	7.94	7.74	2.024691358	0.977913601	0.79982	0	No
<i>MFSD14B</i>	105.55	76.52	273.79	292.59	0.727545753	1.068417608	-0.398335	0	No
<i>AOPEP</i>	0.19	0.18	1.44	1.35	0.991596639	0.964446986	0	0	No
<i>ZNF462</i>	3.72	3.34	6.46	7.56	0.919491525	1.146793342	0	0	No
<i>INIP</i>	2.21	2.74	8.12	9.48	1.165109034	1.149491554	0.117215	0	No
<i>UGCG</i>	1.07	1.42	3.18	3.41	1.169082126	1.055004684	0.0531065	0	No
<i>SNX30</i>	9.55	10.5	57.27	70.57	1.090047393	1.228273475	0	0	No
<i>STOM</i>	0.28	0.09	0.60	0.63	0.8515625	1.020891856	0	0	No
<i>GSN</i>	15.89	19.15	24.10	25.83	1.193013618	1.069063483	0.149137	0	No
<i>MRRF</i>	1.29	1.74	2.45	3.22	1.19650655	1.224349625	0.135753	0	No
<i>NR6A1</i>	34.51	38.36	54.91	57.83	1.108420163	1.052197633	0.0980015	-0.0102359	No
<i>CRB2</i>	7.87	8.12	32.03	35.51	1.028184893	1.105248537	0	0	No
<i>ALAD</i>	0.15	0.3	0.17	0.22	1.130434783	1.03933547	0	-0.0205598	No
<i>ASTN2</i>	6.83	8.29	38.08	44.19	1.186462324	1.156251389	0	0	No
<i>WDR31</i>	1.51	2.34	0.85	1.06	1.330677291	1.113131383	0.379493	0	No
<i>POLE3</i>	0.85	1.34	3.89	6.26	1.264864865	1.483882993	0.332299	0.280725	No
<i>SURF4</i>	15.35	19.96	21.38	23.23	1.281957187	1.082600666	0.250667	0	No
<i>GBGT1</i>	4.24	6.64	7.21	8.57	1.458015267	1.165511395	0.392936	0	No
<i>SURF1</i>	9.52	7.49	<0.1	NA	0.807034221	NA	-0.111705	NA	No
<i>SURF2</i>	2.86	5.98	<0.1	NA	1.808290155	NA	0.857842	NA	No
<i>SURF6</i>	37.88	22.7	32.06	33.17	0.609567901	1.033676484	-0.617095	0	No
<i>MED22</i>	0.11	0.08	<0.1	NA	0.972972973	NA	0	NA	No
<i>REXO4</i>	3.39	3.96	10.97	9.31	1.129840547	0.861355795	0	-0.203375	No
<i>RPL7A</i>	0.46	3.15	<0.1	NA	2.842465753	NA	2.20051	NA	No
<i>GTF3C5</i>	0.52	0.83	2.59	3.12	1.203947368	1.148212652	0.0995446	0	No
<i>ASB6</i>	10.98	30.46	22.86	27.74	2.626043406	1.204549452	1.3558	0.0356318	No
<i>PTGES2</i>	14.27	16.62	<0.1	NA	1.153896529	NA	0	NA	No
<i>NTMT1</i>	0.81	0.93	3.82	5.59	1.066298343	1.366578327	0	0	No
<i>CIZ1</i>	0.61	0.89	3.00	2.79	1.173913043	0.947474313	0	0	No
<i>SLC25A25</i>	10.54	11.55	10.40	10.90	1.087521664	1.043957858	0	0	No

SH3GLB2	0.38	0.48	0.47	0.72	1.072463768	1.169789184	0	0	No
MIGA2	10.98	13.64	20.63	24.04	1.222036728	1.15744373	0.172086	0	No
PTGES	1.13	1.91	4.05	4.25	1.366197183	1.039614618	0.398025	0	No
LCN2	8.83	13.4	25.60	27.14	1.464903357	1.057850625	0.453502	0	No
LRSAM1	7.84	11.38	6.06	6.49	1.400452489	1.060509271	0.373878	0	No
HMCN2	7.16	5.88	19.68	17.02	0.843137255	0.871189606	-0.142939	-0.231056	No
GPR107	1.5	1.75	4.01	4.83	1.1	1.164375276	0	0	No
PAXX	1.34	1.28	<0.1	NA	0.974358974	NA	0	NA	No
INPP5E	9.34	9.96	34.87	34.12	1.059961315	0.978998946	0	-0.0476829	No
SEC16A	1.08	1.51	11.40	11.86	1.206730769	1.036786024	0	0	No
DPH7	1.77	2.13	5.18	5.81	1.129963899	1.101879129	0.017876	0	No
NOTCH1	0.65	0.93	1.35	1.05	1.16969697	0.874126574	0	0	No
NACC2	0.66	1.11	<0.1	NA	1.271084337	NA	0.401782	NA	No
PROSER2	0.2	0.26	0.69	1.03	1.05	1.201531569	0	0	No
USP6NL	185.46	202.91	279.23	298.30	1.093585756	1.068037545	0.090951	-0.0022311	No
COMMD3	0.4	0.34	2.23	2.68	0.957142857	1.138978469	0	0	No
MSRB2	3.79	3.72	6.29	7.52	0.985386221	1.168414018	0	0	No
PDSS1	5.04	5.21	0.43	0.59	1.028145695	1.111790566	0	0	No
FAM171A1	0.54	0.46	3.05	3.80	0.948051948	1.1846644	0	0	No
MINDY3	1.05	0.94	0.70	1.16	0.946341463	1.272552222	0	0	No
RSU1	0.37	0.47	<0.1	NA	1.072992701	NA	0	NA	No
ST8SIA6	5.42	2.95	7.80	7.54	0.615264798	0.969894828	-0.667258	-0.0082111	No
PARD3	1.34	0.82	3.85	3.71	0.777777778	0.971150124	-0.283731	-0.0500943	No
ZEB1	2.98	7.95	56.96	49.77	2.248743719	0.875869623	1.04055	-0.195308	No
NRBF2	0.26	0.24	5.13	5.20	0.984126984	1.01061926	0	-0.063709	No
POLR3A	6.56	5.79	18.52	17.58	0.898148148	0.951734531	0	-0.139136	No
HERC4	1.17	0.81	6.20	6.32	0.834101382	1.016574839	-0.205254	0	No
LRMDA	5.47	7.46	18.22	22.71	1.307573416	1.233847889	0.297983	0.090442	No
CAMK2G	3.16	2.63	0.75	0.59	0.872596154	0.906936043	0	0	No
ANKRD1	11.33	7.72	14.96	14.62	0.707218167	0.97899582	-0.419028	-0.0325493	No
RPP30	22.1	22.1	11.62	13.25	1	1.1290209	0	0	No
FRA10AC1	12.27	11.23	<0.1	NA	0.921627732	NA	0	NA	No
ADD3	7.52	8.68	43.28	40.97	1.136150235	0.947844965	0.0284301	-0.154065	No
DNAJB12	10.54	9.82	<0.1	NA	0.937608319	NA	0	NA	No
EIF4EBP2	0.26	0.54	<0.1	NA	1.222222222	NA	0.235154	NA	No
TCF7L2	2.29	3.12	13.56	14.39	1.252279635	1.057158481	0.164691	0	No
MKI67	11.24	8.41	26.12	30.13	0.76879085	1.147733646	-0.26467	0	No
INA	8.45	10.2	4.52	4.86	1.185185185	1.062325366	0.109124	0	No

FUOM	4.16	6.44	14.58	15.93	1.441860465	1.086786818	0.432008	0	No
LRRC27	1.42	2.06	<0.1	NA	1.26446281	NA	0.296296	NA	No
MTG1	9.61	10.36	6.40	6.29	1.07068803	0.98526809	0	0	No
PAOX	0.64	0.63	<0.1	NA	0.993902439	NA	0	NA	No
GSTO1	3.58	6.17	4.85	5.67	1.565502183	1.139544739	0.500364	0	No
TAF5	7.43	8.3	12.13	12.96	1.103202847	1.063282403	0	0	No
PPRC1	5.6	6.23	4.02	3.95	1.095454545	0.98585631	0.0148339	-0.0370397	No
ITPRIP	11.49	11.18	3.75	3.81	0.975180144	1.013677839	0	0	No
CNNM2	2.25	2.89	1.53	1.34	1.196923077	0.923681863	0.0334724	0	No
PDCD11	4.88	8.34	3.24	3.90	1.588435374	1.155273459	0.636123	0.00559026	No
ADAM12	0.45	3.11	1.09	1.67	2.834482759	1.279079102	2.27216	0.142498	No
RGS10	233.34	176.57	250.53	246.84	0.757745157	0.98531717	-0.36205	-0.121593	No
BTBD10	1.17	1.14	3.07	3.02	0.986175115	0.988555183	0	-0.125354	No
ADM	1.26	1.83	5.63	6.56	1.252212389	1.139849142	0.163383	0	No
LIN7C	3.55	1.73	3.94	4.40	0.6	1.092610335	-0.735638	0	No
IMMP1L	9.09	12.43	23.65	27.23	1.331020813	1.145301423	0.285206	0	No
SAA4	40.68	40.36	29.21	29.68	0.992322457	1.015396255	0	0	No
PGAP2	6.47	7.72	8.20	8.88	1.167336011	1.074351131	0.107611	0	No
TUT1	2.13	4.01	6.02	5.63	1.600638978	0.944638677	0.66398	0	No
SCGB1A1	2.07	2.35	5.52	6.06	1.091205212	1.082362362	0	0	No
SYT8	0.68	0.41	<0.1	NA	0.839285714	NA	-0.228167	NA	No
HSD17B12	1.28	2.05	5.05	5.47	1.337719298	1.069310355	0.398347	0	No
APIP	0.47	0.67	<0.1	NA	1.136054422	NA	0	NA	No
DGKZ	9.09	16.74	<0.1	NA	1.758176412	NA	0.789601	NA	No
EIF3M	16.5	15.79	8.72	9.38	0.959428571	1.067439997	0	0	No
TNKS1BP1	0.25	1.28	<0.1	NA	1.824	NA	0.806797	NA	No
SERPING1	1.51	1.99	6.61	7.22	1.19123506	1.080243653	0.0682507	0	No
SSRP1	3.35	7.89	2.56	3.43	2.043678161	1.243641583	1.00227	0.0432115	No
SLC43A1	18.15	18.14	29.22	31.08	0.999477807	1.061546756	0	0	No
PTPRJ	26.79	28.45	17.93	19.85	1.059733717	1.101623183	0	0	No
C11orf49	23.01	11.65	19.18	19.22	0.526863807	1.001887426	-0.867832	-0.0532578	No
ARFGAP2	0.3	0.86	<0.1	NA	1.430769231	NA	1.1025	NA	No
CELF1	7.26	11.23	3.17	3.31	1.48062954	1.034378736	0.458215	0	No
HIKESHI	19.84	23.25	3.38	4.10	1.163627639	1.165261055	0.120697	0.00221144	No
CCDC81	0.43	0.23	0.24	0.12	0.86013986	0.90361783	0	0	No
ENDOD1	1.79	1.02	2.00	2.58	0.724014337	1.191769299	-0.614972	0.119375	No
CCDC82	8.53	10.43	5.74	7.48	1.199370409	1.258089912	0.122279	0.0356761	No
KLHL35	3.8	4.79	<0.1	NA	1.20625	NA	0.175539	NA	No

SERPINH1	0.15	0.08	4.23	4.71	0.939130435	1.092575425	0	0	No
CAPN5	11.95	21.87	19.16	18.91	1.766023166	0.987753984	0.703853	-0.0398611	No
INTS4	8.17	8.32	<0.1	NA	1.016357688	NA	0	NA	No
PAK1	0.54	0.57	23.84	23.30	1.019480519	0.978159636	0	0	No
RPS3	0.41	0.45	<0.1	NA	1.028368794	NA	0	NA	No
ZC3H12C	7.8	16.37	0.53	0.62	1.973863636	1.061865552	0.825254	0	No
TTC12	14.5	12.7	31.59	32.82	0.883870968	1.037659745	-0.0805005	0	No
NPAT	0.21	0.52	<0.1	NA	1.256198347	NA	0.515527	NA	No
ATM	6.27	9.34	17.70	18.28	1.422283356	1.031046452	0.397484	0	No
AASDHPPT	5.2	5.62	18.01	21.84	1.067741935	1.201500118	0	0.0038154	No
GLB1L2	0.21	0.82	3.18	3.36	1.504132231	1.043271308	1.06074	0	No
SLX4IP	2.83	4.8	26.24	23.55	1.514360313	0.901079181	0.379567	-0.12971	No
LAMTOR1	0.83	0.89	6.60	7.84	1.032786885	1.163183619	0	0	No
ST14	2.52	2.52	1.61	1.93	1	1.121321656	0	0	No
HYOU1	29.41	24.93	5.64	7.55	0.852680039	1.287697678	-0.104753	0	No
KAT14	8.31	14.7	7.75	7.00	1.686358754	0.914544379	0.65911	-0.0633574	No
TKFC	12.66	18.23	79.98	63.18	1.407759883	0.792543983	0.380192	-0.364025	No
MTA2	43.04	56.5	21.19	22.48	1.305631244	1.058201971	0.283895	0	No
TMEM138	0.49	0.65	1.48	1.62	1.10738255	1.055125483	0	0	No
FADS1	1.69	2.53	7.85	8.46	1.312267658	1.069424832	0.299496	0	No
ROM1	99.29	88.06	18.54	17.41	0.888024728	0.942276306	-0.0740513	-0.133912	No
EML3	0.72	0.8	2.93	2.62	1.046511628	0.920907276	0	0	No
INCENP	3.31	2.05	7.63	7.76	0.707656613	1.014582697	-0.441306	-0.0215452	No
PLCH2	7.89	8.41	5.47	6.29	1.058492688	1.126479271	0	0	No
FRG1BP	0.43	0.27	0.12	0.27	0.888111888	1.134340153	0	0	No
CPSF7	4.95	5.32	6.24	5.65	1.062184874	0.918033526	0	-0.0607066	No
B3GAT3	0.61	0.55	1.00	1.21	0.962732919	1.106372739	0	0	No
EI24	45.78	48.48	51.28	47.88	1.057716973	0.935052764	0	-0.176307	No
CCDC15	1.27	1.48	6.46	7.78	1.092511013	1.177456356	0	0	No
CHEK1	0.81	1.41	0.51	0.78	1.331491713	1.178337521	0.497903	0.142375	No
ESAM	4.72	6.29	7.10	7.77	1.274475524	1.083108955	0.287374	0	No
KIRREL3	2.36	2.39	7.10	7.75	1.008928571	1.079792422	0	0	No
MPZL2	361.84	260.39	132.14	140.97	0.720400176	1.066340376	-0.432936	-0.0543182	No
SIDT2	2.48	2.92	4.17	4.22	1.126436782	1.008705276	0	0	No
TMEM25	0.89	0.71	2.34	3.07	0.904761905	1.219208596	0	0.0257408	No
TAGLN	0.29	0.71	1.05	1.51	1.325581395	1.224638941	0	0	No
JPH2	248.43	185.54	563.98	614.54	0.747865133	1.089486093	-0.341236	0	No
COMMD7	20.01	23.07	<0.1	NA	1.145644931	NA	0.13497	NA	No

<i>C20orf144</i>	0.24	1.41	71.77	57.94	1.943548387	0.80995481	1.54665	-0.358284	No
<i>KIAA1755</i>	0.47	0.75	<0.1	NA	1.19047619	NA	0.0643015	NA	No
<i>SPATA25</i>	8.2	11.56	6.74	7.08	1.365217391	1.043913352	0.367915	0	No
<i>DSN1</i>	12.69	14.32	8.61	8.11	1.119065011	0.947650688	0.0945251	-0.1299	No
<i>SOGA1</i>	0.37	1.27	<0.1	NA	1.656934307	NA	1.22842	NA	No
<i>LSM14B</i>	173.67	115.37	695.28	816.08	0.666227744	1.173489183	-0.557216	0.0512369	No
<i>YTHDF1</i>	15.83	16.14	38.10	41.39	1.018419489	1.084088807	0	0	No
<i>CABLES2</i>	44.62	55.59	1.43	1.74	1.240464708	1.12724635	0.244764	0	No
<i>LTO1</i>	2.55	2.59	1.37	1.86	1.011267606	1.205011034	0	0.00065857	No
<i>TRPT1</i>	10.71	7.11	9.33	9.69	0.692570453	1.034604637	-0.427617	0	No
<i>NUDT22</i>	0.49	0.58	0.97	1.48	1.060402685	1.257262128	0	0	No
<i>FERMT3</i>	0.63	0.62	7.52	8.64	0.993865031	1.131109919	0	0	No
<i>PLCB3</i>	1.58	1.12	3.92	3.92	0.821705426	0.999726494	-0.176376	0	No
<i>MRPL49</i>	1.1	1.53	4.18	5.04	1.204761905	1.166965483	0.195345	0	No
<i>CDC42EP2</i>	0.28	0.76	2.35	2.61	1.375	1.077064191	0.855793	0	No
<i>FAU</i>	7.39	8.51	12.05	15.22	1.133492253	1.24256373	0.0356015	0.0439125	No
<i>TM7SF2</i>	115.07	69.81	343.14	341.20	0.610062893	0.994375757	-0.646179	-0.121899	No
<i>VPS51</i>	0.64	0.48	3.61	3.20	0.902439024	0.91104176	0	-0.172366	No
<i>TBX6</i>	2.17	1.42	12.46	14.57	0.76340694	1.156585563	-0.329734	0	No
<i>PPP4C</i>	3.34	3.19	3.28	3.41	0.965437788	1.02925049	0	0	No
<i>ALDOA</i>	2.28	2.54	12.29	12.97	1.079268293	1.051422031	0	0	No
<i>TLCD3B</i>	2.09	2.82	5.47	6.15	1.236245955	1.104473696	0.199665	0	No
<i>DOC2A</i>	16.71	18.5	10.87	11.80	1.10107284	1.078683645	0.010375	0	No
<i>HIRIP3</i>	3.69	3.15	4.99	5.53	0.884861407	1.089644938	-0.0844957	0	No
<i>TAOK2</i>	0.17	0.06	<0.1	NA	0.905982906	NA	0	NA	No
<i>TMEM219</i>	6.22	8.19	25.02	28.66	1.272853186	1.140047075	0.26123	0	No
<i>HMGGA2</i>	20.99	14.49	20.72	21.00	0.704411096	1.013079131	-0.411752	0	No
<i>MPP7</i>	0.13	0.73	<0.1	NA	1.530973451	NA	0.749462	NA	No
<i>ITGB1</i>	5.1	5.21	9.51	8.97	1.018032787	0.948395849	0	-0.020684	No
<i>CTF1</i>	3.35	2.52	37.59	38.34	0.809195402	1.01936836	-0.146196	-0.0156044	No
<i>CWC15</i>	126.78	76.43	98.97	96.28	0.605963375	0.973113141	-0.683374	-0.103073	No
<i>FCGR1A</i>	20.29	20.36	55.92	59.11	1.003287929	1.055971949	0	0	No
<i>ARID5B</i>	2.78	7.18	<0.1	NA	2.164021164	NA	1.11098	NA	No
<i>DCUN1D2</i>	23.6	25.6	0.24	0.37	1.081300813	1.10118535	0.0267887	0	No
<i>TMCO3</i>	128.91	106.24	177.91	159.04	0.825494573	0.894522009	-0.194246	-0.222811	No
<i>TMEM218</i>	12.07	15.82	37.74	33.54	1.286916603	0.891505945	0.283445	-0.142295	No
<i>TIRAP</i>	69.55	53.78	13.77	13.02	0.776470588	0.949485473	-0.279783	-0.0300673	No
<i>EEF1AKMT1</i>	8.95	7.7	<0.1	NA	0.874371859	NA	0	NA	No

LATS2	4.57	4.39	4.34	4.98	0.967684022	1.120082717	0	0	No
SAP18	1.3	1.07	4.86	4.42	0.9	0.92532512	0	0	No
MIA2	8.8	6.14	2.41	1.89	0.728571429	0.848107661	-0.394241	-0.156689	No
HNMT	3.79	2.41	1.76	1.62	0.711899791	0.948505663	-0.352875	0	No
LYPD1	65.19	48.65	53.89	59.23	0.75011331	1.09731401	-0.309873	0	No
LYPD6B	0.22	1.56	0.21	0.11	2.098360656	0.913559625	1.35737	0	No
PDCD4	0.21	0.46	0.33	0.74	1.20661157	1.310894403	0.541607	0.468359	No
VEGFC	3.38	4.02	1.30	1.34	1.146118721	1.015639847	0.0403919	0	No
PRSS23	13.04	10.1	38.64	44.45	0.790598291	1.146655965	-0.278953	0.0159406	No
MTMR12	145.09	126.31	214.72	210.04	0.871449107	0.978292209	-0.0832983	-0.109414	No
PPP1R1C	19.09	13.51	23.21	21.54	0.722249876	0.931084427	-0.384303	-0.194253	No
CCT5	0.31	0.6	<0.1	NA	1.221374046	NA	0	NA	No
ATPSCKMT	21.21	31.6	45.75	44.00	1.467807294	0.96255197	0.483147	-0.109226	No
DOCK1	10.93	10.3	<0.1	NA	0.947191953	NA	0	NA	No
DIXDC1	0.11	0.71	0.35	0.21	1.540540541	0.893825277	1.05862	0	No
DLAT	1.14	3.45	94.54	107.48	2.079439252	1.135442891	1.21856	0	No
PIH1D2	22.43	14.55	16.56	13.49	0.663679044	0.825254136	-0.472456	-0.307672	No
NKAPD1	27.01	29.97	14.14	14.57	1.105676544	1.028523804	0.0537168	0	No
TIMM8B	4.1	5.58	14.54	15.84	1.290196078	1.083734583	0.235111	0	No
IL18	0.11	0.64	6.74	9.98	1.477477477	1.418155915	1.81705	0.243692	No
PTS	0.4	0.31	<0.1	NA	0.935714286	NA	0	NA	No
PIP4K2A	0.22	0.88	<0.1	NA	1.540983607	NA	0.666917	NA	No
FOXO1	19.97	35.44	89.15	81.26	1.737720553	0.912444145	0.74982	-0.124889	No
CRIM1	0.22	0.05	<0.1	NA	0.860655738	NA	0	NA	No
SEC24D	65.99	34.88	10.10	12.68	0.535602329	1.232437704	-0.832789	0.0648436	No
ABCB9	0.34	0.26	3.27	4.21	0.940298507	1.219205274	0	0.00121493	No
RILPL2	1.88	2.04	8.66	10.37	1.055555556	1.176767241	0	0.0434053	No
DHX37	1.08	1.38	2.97	3.40	1.144230769	1.109055605	0.1428	0	No
UBC	0.24	0.43	<0.1	NA	1.153225806	NA	0.293125	NA	No
PRSS53	10.49	8.33	15.55	13.45	0.812010444	0.873408066	-0.123686	-0.216635	No
SLC7A11	7.2	8.33	4.95	5.55	1.137804878	1.100567384	0.0299918	0	No
NOCT	9.92	10	13.95	15.47	1.007326007	1.101747895	0	0	No
GPR158	0.26	0.21	0.62	0.54	0.96031746	0.952647638	0	0	No
DCP1B	1.19	1.26	1.50	1.65	1.03196347	1.05958679	0	0	No
THRB	4.81	4.3	4.85	4.71	0.91222031	0.976388231	0	0	No
NGLY1	36.72	31.56	83.77	88.52	0.863202545	1.056061768	-0.0420247	0	No
OXSM	4.81	4.51	<0.1	NA	0.948364888	NA	0	NA	No
UEVLD	3.6	6.54	13.22	16.15	1.639130435	1.20592175	0.536731	0	No

<i>TMEM86A</i>	1.27	0.81	<0.1	NA	0.797356828	NA	-0.18746	NA	No
<i>C12orf45</i>	0.5	0.47	2.57	2.91	0.98	1.096490863	0	0	No
<i>TMEM263</i>	4.57	3.55	7.06	5.42	0.816876122	0.796715553	-0.172817	-0.351695	No
<i>BTBD11</i>	17.72	16.64	20.91	25.64	0.942307692	1.215900993	0	0	No
<i>UBE3B</i>	0.38	0.74	0.12	0.24	1.260869565	1.107889681	0.515985	0	No
<i>ANK3</i>	4.48	6.94	4.70	6.08	1.448905109	1.242341211	0.429309	0.0880996	No
<i>IPMK</i>	9.16	8.58	25.49	29.51	0.942913386	1.151800957	0	0	No
<i>PLBD2</i>	3.42	3.21	9.25	10.83	0.952488688	1.154469846	0	0.00420018	No
<i>DLG5</i>	2.26	5.34	5.45	7.70	1.944785276	1.349177196	0.878249	0.207967	No
<i>GXYLT1</i>	0.17	0.02	<0.1	NA	0.871794872	NA	0	NA	No
<i>TWF1</i>	1.64	1.07	0.91	0.94	0.784090909	1.01506592	-0.25082	0	No
<i>DIP2C</i>	25.53	33.48	23.87	24.10	1.299660761	1.009342244	0.309041	-0.0411853	No
<i>EIF4E</i>	34.39	22.45	109.81	88.67	0.662616558	0.809183007	-0.520483	-0.371698	No
<i>MAGI1</i>	2.46	2.85	11.34	12.19	1.112716763	1.068765206	0	0	No
<i>TEX30</i>	0.99	1.21	21.28	16.44	1.110552764	0.782548287	0	-0.28811	No
<i>CSNK1G3</i>	7.99	10.51	17.96	17.03	1.280311457	0.951047288	0.175168	-0.0857868	No
<i>SRFBP1</i>	1.88	2.42	2.84	3.06	1.1875	1.057400912	0.0754909	0	No
<i>AKAP6</i>	0.47	0.93	<0.1	NA	1.31292517	NA	0.586084	NA	No
<i>FAM177A1</i>	0.81	1.03	<0.1	NA	1.121546961	NA	0	NA	No
<i>MBIP</i>	41.66	56.07	34.13	43.26	1.337787154	1.259903398	0.348184	0.141368	No
<i>MIPOL1</i>	345.4	173.48	2.64	3.75	0.50369515	1.305519167	-0.959761	0.084767	No
<i>EXT2</i>	2.89	4.28	8.16	8.84	1.357326478	1.074435753	0.372699	0	No
<i>TMEM18</i>	1.7	1.7	<0.1	NA	1	NA	0	NA	No
<i>KCTD14</i>	0.65	0.65	<0.1	NA	1	NA	0	NA	No
<i>NDUFC2</i>	0.51	4.52	0.29	0.44	3.655629139	1.112579135	2.47786	0	No
<i>ME3</i>	81.83	68.74	164.91	145.44	0.841965471	0.882655202	-0.184934	-0.246845	No
<i>ADAMTS12</i>	4.71	5.37	2.55	2.89	1.11558669	1.094436328	0	0	No
<i>NUBPL</i>	12.72	9.99	<0.1	NA	0.801020408	NA	-0.21141	NA	No
<i>NEK7</i>	97.18	147.78	107.95	125.23	1.515379914	1.158574911	0.553173	0.0240826	No
<i>ATP6V1G3</i>	14.69	20.36	17.43	12.18	1.361376673	0.715179531	0.311031	-0.379139	No
<i>FER</i>	1.07	2.1	5.15	7.13	1.497584541	1.321263269	0.488367	0.124136	No
<i>VIPAS39</i>	0.17	0.4	3.15	2.99	1.196581197	0.960582029	0.479068	-0.0086303	No
<i>ANKRD50</i>	0.18	0.31	2.07	2.50	1.110169492	1.13968459	0	0	No
<i>UPF2</i>	3.56	4.4	<0.1	NA	1.184210526	NA	0.00251689	NA	No
<i>CDC123</i>	2.61	4.19	50.85	54.51	1.43767313	1.070632206	0.475901	0	No
<i>SCLT1</i>	6.09	5.29	34.81	36.31	0.887165021	1.04185255	-0.028517	-0.0192421	No
<i>CCDC3</i>	3.46	3.17	7.98	6.36	0.934977578	0.819263216	0	-0.291756	No
<i>C4orf33</i>	15.73	21.23	29.10	33.40	1.328750747	1.142954305	0.288823	0	No

FRMD4A	4.04	6.9	9.77	10.08	1.567460317	1.028466226	0.546399	0	No
EPS8	0.13	0.17	0.20	0.33	1.03539823	1.109388126	0	0	No
ACAD8	5.99	9.65	9.28	9.51	1.52360515	1.022227043	0.42413	0	No
THYN1	4.59	5.2	5.64	6.71	1.109123435	1.160417089	0.0105086	0	No
VPS26B	16.77	13.12	1.45	1.15	0.794597636	0.877530727	-0.221902	-0.157169	No
NCAPD3	5.7	5.17	11.19	11.79	0.920895522	1.049202749	0	0	No
VTI1A	22.1	28.75	32.62	34.17	1.287878788	1.046217145	0.297156	0	No
QDPR	0.94	0.96	<0.1	NA	1.010309278	NA	0	NA	No
FAM160B1	0.41	0.39	<0.1	NA	0.985815603	NA	0	NA	No
TEX9	8.82	7.51	39.60	40.28	0.866598778	1.016758289	-0.0791709	-0.0424586	No
QTRT2	0.32	1.38	<0.1	NA	1.803030303	NA	1.45263	NA	No
MMAA	1.62	3.14	<0.1	NA	1.580152672	NA	0.400007	NA	No
ZNF827	25.51	22.56	32.62	29.85	0.888721237	0.917672214	-0.0840207	-0.184523	No
AKR1C2	0.19	0.3	1.17	1.19	1.092436975	1.009766127	0	0	No
DPYSL4	1.33	0.88	<0.1	NA	0.806866953	NA	-0.348965	NA	No
ADAM8	1.65	2.12	<0.1	NA	1.177358491	NA	0.19912	NA	No
KIN	85.86	90.6	279.91	271.36	1.054570573	0.969557363	0.0297099	-0.158754	No
PIGF	0.12	0.48	0.23	0.12	1.321428571	0.913888598	0.889625	0	No
ANKAR	0.24	0.23	8.16	8.53	0.991935484	1.040060678	0	0	No
INPP1	2.53	4.77	1.13	1.61	1.634560907	1.225234689	0.62381	0.102504	No
MFSD6	0.62	0.91	2.24	2.65	1.179012346	1.127899418	0	0	No
RNF144A	2.68	4.46	5.86	5.16	1.483695652	0.898334532	0.349313	-0.0915121	No
ASAP2	0.52	1.17	3.16	4.26	1.427631579	1.263821862	0.503477	0	No
ADAM17	83.9	83.41	85.94	91.49	0.994228504	1.063882474	0	0	No
TMEM45B	1.12	1.42	1.84	2.40	1.141509434	1.195764329	0	0.0303689	No
WWC2	0.24	1.07	0.24	0.29	1.669354839	1.036348152	0.420559	0	No
CENPU	8.3	5.98	14.78	14.69	0.750537634	0.9941932	-0.316144	-0.062332	No
ACSL1	2.77	3.15	6.66	7.93	1.100795756	1.166176868	0	0	No
SLC25A4	81.54	87.18	141.55	147.76	1.068330506	1.043553317	0.0445059	-0.0427818	No
AMN1	3.87	4.94	<0.1	NA	1.219712526	NA	0.124055	NA	No
BICD1	27.64	22.35	90.06	78.02	0.815293296	0.867792604	-0.140466	-0.27085	No
SAV1	12.42	14.92	26.25	31.46	1.186289121	1.191102701	0.170066	0.076717	No
CCDC122	24.27	23.64	20.74	22.29	0.975069252	1.07147227	0	0	No
SERP2	0.12	0.1	0.48	0.95	0.982142857	1.319331702	0	0	No
NBAS	1	0.51	4.63	5.20	0.755	1.100851872	-0.539493	0	No
GUF1	19.68	21.09	28.85	31.58	1.068181818	1.091427006	0	0	No
SACS	21.6	18.82	101.70	108.19	0.87699115	1.063177692	-0.0982397	0	No
CENPJ	1.39	1.37	6.19	6.99	0.991631799	1.110724334	0	0	No

<i>FBXO4</i>	3.71	4.04	13.82	12.38	1.070063694	0.903160136	0	-0.217374	No
<i>TMEM267</i>	0.74	0.92	0.32	0.29	1.103448276	0.978670627	0	0	No
<i>CCL28</i>	20.57	16.51	22.55	21.88	0.811775614	0.971711285	-0.136183	-0.0289032	No
<i>PARP8</i>	8.42	11.42	0.38	0.92	1.318471338	1.391727789	0.278825	0.501228	No
<i>GFRA1</i>	11.16	8.32	11.23	10.55	0.766447368	0.944725113	-0.165783	0	No
<i>CACUL1</i>	110.97	62.02	215.41	192.10	0.562829329	0.892305216	-0.782114	-0.275499	No
<i>DST</i>	4.08	3.21	0.30	0.61	0.828740157	1.235431016	-0.118521	0.297799	No
<i>BEND6</i>	5.38	5.82	67.52	74.19	1.068965517	1.097317956	0	0	No
<i>TIAL1</i>	5.42	6.53	12.84	12.26	1.172897196	0.958092645	0.0538544	-0.0629322	No
<i>BAG3</i>	0.77	0.58	3.67	3.97	0.892655367	1.063450695	0	0	No
<i>AP1S3</i>	1.82	2.05	24.48	23.98	1.081560284	0.980567303	0	-0.0273903	No
<i>RABGAP1L</i>	17.24	13.45	24.39	24.61	0.792214912	1.008683635	-0.258637	-0.0269199	No
<i>CCDC74B</i>	7.48	9.77	23.11	24.00	1.27004717	1.036714207	0.213047	0	No
<i>TLCD4</i>	2.15	2.77	4.47	5.27	1.196825397	1.14693805	0.188312	0	No
<i>MZT2B</i>	8.6	6.23	<0.1	NA	0.753125	NA	-0.243543	NA	No
<i>FAM168B</i>	2.71	3.26	26.68	30.44	1.148247978	1.135852875	0.0523965	0	No
<i>PTPN14</i>	1.23	2.5	0.85	1.09	1.569506726	1.128545547	0.544065	0	No
<i>SMPD4BP</i>	2.12	4.35	21.32	25.23	1.71474359	1.175063673	0.854058	0.0460226	No
<i>MGAT5</i>	14.52	16.51	30.97	32.81	1.128221649	1.057572736	0.00800341	0	No
<i>GPATCH11</i>	7.18	4.88	<0.1	NA	0.718826406	NA	-0.332499	NA	No
<i>HSPB8</i>	4.94	7.54	22.94	24.81	1.437710438	1.078252852	0.418599	0	No
<i>GEMIN6</i>	3.44	4.06	<0.1	NA	1.13963964	NA	0.0906692	NA	No
<i>POU4F1</i>	2.43	6.1	<0.1	NA	2.069970845	NA	0.994924	NA	No
<i>OBI1</i>	6.03	3.61	47.70	53.76	0.655761024	1.124522421	-0.357324	0	No
<i>ARL11</i>	7.69	11.55	21.75	23.43	1.444188723	1.073738583	0.327557	0	No
<i>SETBP1</i>	1.34	1.66	9.17	10.02	1.136752137	1.083809357	0.00488177	0	No
<i>ARL14EP</i>	162.04	135.95	578.26	616.82	0.83997792	1.06657576	-0.198404	-0.04013	No
<i>EPG5</i>	3.32	2.39	<0.1	NA	0.784722222	NA	-0.227205	NA	No
<i>PSTPIP2</i>	26.63	30.11	55.63	49.30	1.125950054	0.888205456	0.103756	-0.275379	No
<i>ATP5F1A</i>	0.11	0.27	3.48	3.65	1.144144144	1.039020771	0.447072	0	No
<i>HAUS1</i>	6.94	7.57	8.31	8.02	1.079345088	0.968787155	0	-0.0022908	No
<i>C18orf25</i>	32.79	36.8	63.90	76.72	1.118674164	1.197549888	0.022727	0.0217434	No
<i>SPC25</i>	181.37	178.77	0.11	0.11	0.985743269	0.998507599	0	-0.0205598	No
<i>PDK1</i>	60.21	39.46	186.32	166.07	0.661003104	0.89187312	-0.547075	-0.216747	No
<i>TCF7L1</i>	3.86	5.21	10.72	13.25	1.277777778	1.215755259	0.205187	0.0838999	No
<i>TGOLN2</i>	46.16	51.75	203.34	241.33	1.118532655	1.185933345	0.0874706	0.00359841	No
<i>UHMK1</i>	4.14	3.84	19.90	22.32	0.941634241	1.115550275	0	0	No
<i>ATG10</i>	23.21	38.06	<0.1	NA	1.6133829	NA	0.63244	NA	No

POC5	6.89	6.1	0.15	0.24	0.899873257	1.081512576	0	0	No
SPOCK1	4.45	4.99	10.91	11.54	1.099082569	1.05251771	0.00587936	0	No
TADA1	9.09	15.16	0.64	0.84	1.601585728	1.119715032	0.591418	0	No
CWF19L2	24.69	22.95	28.94	27.05	0.932269366	0.936712215	-0.004862	-0.139678	No
JMY	28.51	53.29	233.52	241.91	1.839715351	1.035761825	0.795483	-0.0471509	No
HOMER1	10.12	11.48	10.09	10.73	1.122302158	1.057488983	0.0226007	0	No
XRCC4	8.85	8.3	27.62	26.62	0.944162437	0.965025526	0	-0.0792965	No
ZNF547	1.55	1.81	<0.1	NA	1.101960784	NA	0	NA	No
ZNF773	6.96	33.35	24.11	22.29	4.315326633	0.927503173	2.11754	-0.110221	No
ZNF776	3.2	5.75	11.32	12.16	1.607142857	1.068158114	0.650917	0	No
ZNF256	43.05	43.25	<0.1	NA	1.004540295	NA	0	NA	No
SUV39H2	203.12	66.29	<0.1	NA	0.329659024	NA	-1.5628	NA	No
DCLRE1C	0.4	0.86	1.59	1.08	1.328571429	0.8039929	0.56053	-0.161709	No
RPP38	4.12	4.89	8.90	8.76	1.150390625	0.985513833	0	0	No
NMT2	0.52	0.8	7.33	6.50	1.184210526	0.899822621	0.0485301	-0.163261	No
ZSCAN1	69.11	82.6	112.87	96.66	1.192411924	0.857683872	0.171911	-0.282046	No
ZNF837	2.28	1.91	4.45	4.87	0.887195122	1.07673698	-0.0408596	0	No
USP12	1.59	2.59	8.97	9.88	1.386100386	1.091374128	0.497262	0	No
CCDC50	2.09	1.65	4.21	4.48	0.857605178	1.052480701	0	0	No
ZFP36L2	5.65	5.43	5.18	5.32	0.966917293	1.022531423	0	0	No
PAN3	28.82	28.31	<0.1	NA	0.982897384	NA	0	NA	No
PFKM	5.24	10	<0.1	NA	1.762820513	NA	0.804991	NA	No
TMEM123	1.8	1.95	1.17	1.50	1.053571429	1.150602255	0	0	No
SPEF2	4.24	5.89	13.30	13.97	1.314885496	1.046795143	0.236025	0	No
MBNL1	12.57	18.81	5.84	6.16	1.459837878	1.047378907	0.449399	0	No
CAPSL	2.66	4.18	2.58	2.54	1.415300546	0.989457528	0.472565	0	No
NADK2	9.79	18.93	28.82	29.17	1.84708063	1.011851883	0.780369	-0.0197935	No
GPD1L	25.63	31.85	166.78	142.61	1.23357116	0.855971666	0.251103	-0.320626	No
CCNO	2.77	2.33	9.36	12.70	0.883289125	1.322609405	-0.0386787	0.146095	No
CLEC4F	0.17	0.22	<0.1	NA	1.042735043	NA	0	NA	No
SLC30A6	10.15	10.54	20.98	21.15	1.034977578	1.007745764	0	0	No
PELO	0.71	1.34	0.56	0.59	1.368421053	1.017341585	0.523665	0	No
SAR1B	1.21	1.36	0.51	0.79	1.067873303	1.186486235	0	0.0744382	No
CATSPER3	47.72	50.16	41.67	43.67	1.050082102	1.046883918	0	0	No
GPR180	196.68	179.77	87.86	84.32	0.914457709	0.960117441	-0.0865209	-0.154448	No
ANKRD22	0.48	1.1	4.75	7.60	1.418918919	1.495665985	0.54126	0.202381	No
FARP1	24.72	20.38	26.42	26.25	0.83125972	0.993714176	-0.103666	0	No
IFIT5	29.91	42.92	15.39	18.97	1.420899385	1.218369512	0.336257	0	No

PANK1	13.18	16.6	26.23	25.18	1.241184767	0.961444328	0.196787	-0.073782	No
PRDM8	13.9	14.8	13.78	15.19	1.060402685	1.095230386	0	0	No
BMP3	19.48	36.64	25.45	23.86	1.837890625	0.940000576	0.778132	-0.167695	No
HNRNPDL	675.15	468.8	838.64	775.86	0.694816239	0.925227344	-0.495063	-0.204892	No
HHEX	43.03	54.14	43.53	51.51	1.252327958	1.179220358	0.24794	0.00573251	No
UTRN	12.84	18.8	11.21	10.76	1.430635838	0.962829873	0.419463	-0.0676932	No
PTPRK	66.35	55.53	49.09	47.15	0.839346696	0.961317657	-0.170167	-0.116972	No
GGPS1	32.47	32.24	13.16	12.75	0.993128174	0.971149032	0	-0.0060926	No
MARVELD2	40.76	44.05	49.78	45.11	1.078783525	0.907995271	0.055011	-0.217131	No
RAD17	15.15	20.09	3.94	3.99	1.305882353	1.009457606	0.288185	0	No
MED21	24.64	27.17	39.74	39.56	1.098673947	0.995588739	0.05863	-0.0271126	No
PLOD2	13.22	13.07	<0.1	NA	0.989451477	NA	0	NA	No
ADGRA3	191.36	143.22	<0.1	NA	0.749740071	NA	-0.355725	NA	No
SREK1IP1	0.3	1.04	<0.1	NA	1.569230769	NA	1.44812	NA	No
CWC27	29.99	20.7	8.96	9.32	0.700225879	1.0365882	-0.461216	0	No
MR1	52.17	33.57	<0.1	NA	0.650178672	NA	-0.488857	NA	No
SRP19	5.68	9.18	24.55	26.04	1.523952096	1.058506569	0.53533	-0.007498	No
CENPH	17.57	20.6	23.50	23.73	1.163166397	1.009233213	0.149891	-0.0667169	No
CDYL	13.94	11.3	13.62	14.53	0.823293173	1.06229782	-0.163078	0	No
CARHSP1	8.07	17.14	22.10	19.86	2	0.902854641	0.984461	-0.210156	No
TXNDC11	3.87	6.14	20.99	22.42	1.466119097	1.065133256	0.477564	0	No
DAB2	30.33	11.53	4.36	4.18	0.399936163	0.967013054	-1.25517	-0.0077756	No
ACOXL	0.95	1.24	2.58	3.05	1.148717949	1.13250769	0.111641	0	No
BCL2L11	3.9	3.09	74.71	79.62	0.834693878	1.064893279	0	0	No
ANAPC1	7.13	7.37	15.98	16.49	1.029520295	1.030239592	0	0	No
CAST	4.78	4.27	13.28	12.39	0.911764706	0.937752463	0	0	No
SCOC	1.57	1.77	0.46	0.50	1.077821012	1.029049193	0	0	No
CLGN	2.41	2.9	<0.1	NA	1.143695015	NA	0	NA	No
CETN3	8.8	5.76	25.48	26.22	0.689795918	1.028031251	-0.406877	-0.0005736	No
SMARCA5	0.16	0.33	1.95	0.58	1.146551724	0.536399408	0.151577	-0.38978	No
SYCP2L	13.78	16.43	1.30	1.08	1.179296346	0.905976878	0.142635	-0.0388056	No
BMP6	0.15	0.15	1.35	1.18	1	0.926446285	0	-0.0907593	No
RASSF3	6.64	9.47	12.76	11.67	1.370418848	0.920835376	0.228026	-0.0927583	No
HNRNPU	1.93	3.11	6.18	7.19	1.402730375	1.140120153	0.450825	0	No
RANBP2	2.72	3.07	7.74	9.55	1.094086022	1.207432849	0.0145419	0.00955486	No
AHCTF1	0.16	0.18	<0.1	NA	1.017241379	NA	0	NA	No
TMEM87B	9.99	8.25	15.30	17.78	0.841674249	1.152098231	-0.136704	0	No
PTPRR	1.08	5.34	<0.1	NA	3.048076923	NA	1.70909	NA	No

NR4A2	2.53	2.89	6.86	8.24	1.101983003	1.175910465	0	0	No
PLA2R1	0.62	0.69	4.49	4.78	1.043209877	1.052311302	0	0	No
RBMS1	2.67	4	2.50	3.13	1.36239782	1.178840612	0.342626	0.0415209	No
SLC25A27	4.82	6.2	15.91	14.89	1.237113402	0.939806025	0.165016	-0.129284	No
ADGRF1	3.43	7.81	47.19	46.14	1.988713318	0.978113395	1.00203	-0.10092	No
ADGRF4	25.58	44.42	32.12	33.00	1.708803612	1.026665426	0.742513	-0.074754	No
CYRIB	6.35	26.56	<0.1	NA	3.749659864	NA	1.87562	NA	No
ASAP1	22.56	33.01	28.43	30.27	1.443548387	1.062617122	0.361003	0	No
TRAPPC8	0.66	0.75	1.01	1.33	1.054216867	1.160882939	0	0	No
LINC00467	5.38	6.77	27.77	24.24	1.217868339	0.877462877	0.137798	-0.221999	No
INO80C	1.64	3.49	2.10	2.71	1.700757576	1.197673092	0.603217	0	No
LPCAT1	31.05	21.06	60.02	63.93	0.688299532	1.064103217	-0.391482	0	No
PLEKHG4B	3.15	4.59	6.46	6.24	1.346987952	0.970773677	0.228962	0	No
NMRAL1	7.79	8.79	14.32	14.97	1.113765643	1.042438877	0.0209372	-0.0580652	No
UBALD1	9.07	6.55	4.76	3.95	0.749751738	0.858658229	-0.322572	-0.2615	No
TMEM251	0.61	0.7	2.96	2.78	1.055900621	0.953480354	0	-0.0073875	No
ING1	5.29	7.37	17.16	18.79	1.330683625	1.089677337	0.319422	0	No
TEX29	0.76	0.58	<0.1	NA	0.897727273	NA	0	NA	No
ADPRHL1	16.45	18.44	41.23	50.66	1.114040115	1.223304374	0	0	No
CMTM7	7.11	11.83	6.83	7.90	1.581997534	1.136317588	0.537942	0	No
FBXL2	2.43	2.07	3.17	4.14	0.895043732	1.233227439	0	0.0932242	No
UBP1	0.99	1.45	8.18	9.43	1.231155779	1.136191277	0.0462048	0	No
RMND5A	0.42	0.93	<0.1	NA	1.35915493	NA	0	NA	No
RPIA	5.07	4.56	10.25	10.05	0.915980231	0.982632446	0	0	No
LURAP1L	8.74	7.33	13.70	14.49	0.85523614	1.054076732	-0.0479524	0	No
CNKSRL3	0.18	1.28	0.11	0.68	1.93220339	1.509431156	0.372853	0	No
GTF2E1	1.05	5.02	<0.1	NA	2.936585366	NA	1.88162	NA	No
CFDP1	9.87	11.09	40.88	37.25	1.112235511	0.913305616	0.0450886	-0.160652	No
ZDHHC7	3.33	2.77	18.48	17.69	0.870669746	0.959563898	0	-0.0192286	No
C7orf31	8.11	12.06	81.67	83.33	1.433589462	1.020041829	0.464625	-0.103512	No
JAZF1	14.74	12.98	72.75	75.20	0.888182973	1.033271047	-0.0754756	0	No
CMIP	54.35	36.23	12.09	11.32	0.672628726	0.941361069	-0.52302	-0.130209	No
TRIP12	0.56	1.86	0.13	0.13	1.833333333	0.999480774	1.1064	0	No
FBXO36	60.01	56.89	111.90	103.76	0.948860842	0.927867064	-0.0199822	-0.22004	No
CEBPG	3.11	3.42	20.61	17.63	1.075425791	0.86215335	0	-0.163989	No
KCTD15	13.55	10.24	15.03	15.84	0.772508591	1.050408078	-0.300814	0	No
ZNF599	3.06	1.76	7.96	7.19	0.679802956	0.914376039	-0.518391	-0.152552	No
LG14	21.79	17.39	45.01	46.68	0.806932865	1.036203617	-0.22302	-0.0074164	No

<i>DDAH1</i>	11.24	12.94	15.95	18.66	1.138888889	1.159591124	0.105843	0.0228623	No
<i>SREK1</i>	11.18	7	<0.1	NA	0.65681445	NA	-0.474257	NA	No
<i>CHD1</i>	0.12	0.05	<0.1	NA	0.9375	NA	0	NA	No
<i>ANKFN1</i>	8.52	6.58	3.10	3.73	0.796218487	1.153640511	-0.18606	0	No
<i>DGKE</i>	0.79	1.67	10.28	12.06	1.491620112	1.157768589	0.824064	0	No
<i>HS2ST1</i>	1.09	1.81	2.81	3.10	1.344497608	1.075663872	0.312917	0	No
<i>MSI2</i>	81.6	107.44	42.74	52.40	1.31283293	1.220820734	0.351521	0.0821101	No
<i>ZUP1</i>	4.36	7.38	0.37	0.83	1.563432836	1.339098747	0.568812	0.514724	No
<i>HS3ST3A1</i>	4.64	4.78	6.09	7.21	1.024822695	1.157545873	0	0	No
<i>GDPD1</i>	206.76	144.94	1149.75	1074.85	0.702445129	0.934911506	-0.477784	-0.240152	No
<i>NUS1</i>	0.88	2.18	0.98	1.06	1.691489362	1.039061553	0.989141	0	No
<i>PPP2R5E</i>	1.46	0.83	1.07	1.30	0.743902439	1.109594577	-0.341533	0	No
<i>AK5</i>	1.38	2.27	2.87	3.46	1.37394958	1.153135536	0.408927	0	No
<i>CABYR</i>	0.62	0.94	4.67	6.21	1.197530864	1.27129842	0.336051	0.178053	No
<i>IMPACT</i>	4.3	5.43	12.40	13.71	1.213207547	1.097976551	0.130922	0	No
<i>ANKRD29</i>	9.63	6.48	<0.1	NA	0.703668862	NA	-0.424282	NA	No
<i>SDHAF4</i>	1.94	1.7	0.58	0.25	0.918367347	0.793139681	0	0	No
<i>C16orf74</i>	31.52	41.22	69.55	66.81	1.298277983	0.96117978	0.27508	-0.0586489	No
<i>TBCEL</i>	196.73	145.25	66.95	67.25	0.73964497	1.004351653	-0.395875	-0.0628365	No
<i>JPH3</i>	94.71	75.24	96.54	95.80	0.796572981	0.992375902	-0.28888	-0.129134	No
<i>ANKH</i>	2.6	4.22	<0.1	NA	1.45	NA	0.401449	NA	No
<i>OTULIN</i>	55.47	71.21	65.21	70.00	1.27873207	1.072383639	0.29309	0	No
<i>UBASH3B</i>	3.09	4.57	19.09	26.02	1.361858191	1.345085889	0.332404	0.19872	No
<i>ROBO4</i>	18.33	35.49	118.37	100.77	1.887739265	0.852550987	0.883283	-0.327467	No
<i>ROBO3</i>	1.27	2.38	4.05	4.20	1.488986784	1.02922046	0.301769	0	No
<i>TBRG1</i>	10.68	10.42	56.21	62.72	0.977739726	1.113781754	0	0	No
<i>NRGN</i>	34.11	31.16	42.63	40.32	0.915978354	0.947007735	-0.039523	-0.161947	No
<i>RETREG1</i>	0.66	0.58	<0.1	NA	0.951807229	NA	0	NA	No
<i>TOMM70</i>	13.63	8.14	6.20	6.40	0.624743677	1.027917355	-0.35127	0	No
<i>PITPNC1</i>	22.69	28.57	34.14	37.76	1.248205994	1.103125967	0.243857	0	No
<i>CC2D1B</i>	39.31	35.89	37.14	42.36	0.915157529	1.136747127	-0.0157785	0	No
<i>PRKCA</i>	51.19	49.33	84.05	88.31	0.964360989	1.050033002	0	-0.0153346	No
<i>LRRK1</i>	0.68	1.44	1.35	1.70	1.452380952	1.148235762	0.573119	0	No
<i>ABCA5</i>	8.63	12.88	15.70	17.65	1.44132918	1.116621878	0.427061	0	No
<i>C4orf19</i>	3.33	4.08	1.27	2.23	1.173210162	1.424021089	0	0.243802	No
<i>UCHL1</i>	0.31	0.21	0.33	0.42	0.923664122	1.065898323	0	0	No
<i>MIA3</i>	29.98	19.22	<0.1	NA	0.652679148	NA	-0.537333	NA	No
<i>DISP1</i>	5.21	4.59	9.16	10.72	0.900161031	1.154034999	-0.0193444	0	No

<i>TNIK</i>	3.13	5.78	<0.1	NA	1.641646489	NA	0.651555	NA	No
<i>FAM167A</i>	2.07	3.49	3.33	3.43	1.462540717	1.023457571	0.485981	0	No
<i>NEIL2</i>	8.89	10.18	0.17	0.04	1.130434783	0.891057561	0.0868189	-0.339614	No
<i>PGM5</i>	16.59	13.08	23.32	20.74	0.800454804	0.894033001	-0.164758	-0.154277	No
<i>WNT3A</i>	1.18	0.8	0.72	1.07	0.825688073	1.204226437	0	0	No
<i>OBSCN</i>	0.13	0.42	<0.1	NA	1.256637168	NA	0.808657	NA	No
<i>LONRF1</i>	0.92	1.34	0.64	1.13	1.21875	1.300217781	0	0	No
<i>TRIM11</i>	15.03	20.49	15.44	20.01	1.340611354	1.278117039	0.288123	0.0633398	No
<i>ENAH</i>	3.81	6.82	19.36	17.35	1.625779626	0.90128387	0.713861	-0.256413	No
<i>CCSAP</i>	28.99	25.92	22.02	24.78	0.897632544	1.119708413	-0.0473707	0	No
<i>SH3RF1</i>	29.28	31.98	24.63	25.24	1.089167768	1.023770345	0.0163704	-0.0037061	No
<i>BUB3</i>	5.52	5.3	7.24	7.10	0.966257669	0.982815353	0	0	No
<i>CCDC173</i>	3.46	5.39	<0.1	NA	1.432735426	NA	0.446826	NA	No
<i>DIPK1A</i>	22.01	19.62	23.69	22.73	0.896132116	0.961029011	-0.0040896	0	No
<i>ATP5MC3</i>	23.56	21.4	53.63	47.72	0.912052117	0.891857215	-0.0189986	-0.245374	No
<i>CNTNAP3B</i>	0.73	18.11	231.50	238.14	11.04624277	1.028542045	4.11011	-0.0767041	No
<i>PDLIM3</i>	31.95	38.81	22.81	24.43	1.208194234	1.068035228	0.203557	0	No
<i>ELOC</i>	56.41	51.46	39.22	41.25	0.913778087	1.050370816	-0.0473982	0	No
<i>LY96</i>	1.31	2.74	1.55	1.21	1.619047619	0.865632364	0.50912	-0.106723	No
<i>CEP170P1</i>	468.77	328.6	456.05	470.45	0.701619942	1.031496903	-0.467704	-0.0521282	No
<i>CXADR</i>	13.29	15.87	19.43	20.28	1.180545836	1.04149974	0.100673	0	No
<i>BTG3</i>	30.39	21.86	64.73	50.63	0.728257407	0.785443269	-0.376632	-0.4694	No
<i>C21orf91</i>	3.39	8.82	1.40	1.33	2.23690205	0.96966544	1.10349	0	No
<i>PDE1C</i>	193.48	124.4	807.27	615.88	0.64479638	0.763213352	-0.591708	-0.526654	No
<i>RABGEF1</i>	0.26	0.23	<0.1	NA	0.976190476	NA	0	NA	No
<i>MRPL39</i>	2.44	4.14	14.36	17.77	1.494186047	1.221845786	0.514419	0	No
<i>ATP5PF</i>	12.91	14.47	25.13	25.58	1.112149533	1.017076432	0.00722723	-0.0860532	No
<i>GABPA</i>	18.27	23.83	34.64	39.57	1.288531396	1.138248474	0.302168	0	No
<i>TSEN2</i>	46.82	35.47	63.19	64.28	0.76265161	1.017004674	-0.288668	-0.0051356	No
<i>SLFN13</i>	0.27	0.38	<0.1	NA	1.086614173	NA	0	NA	No
<i>WNT7A</i>	2.41	2.15	<0.1	NA	0.923753666	NA	0	NA	No
<i>XPC</i>	131.32	125.04	29.86	32.62	0.952539299	1.089495019	-0.0311477	0	No
<i>CCDC174</i>	15.06	15.74	24.20	27.44	1.04234122	1.128749318	0	0	No
<i>FLCN</i>	0.11	0.23	46.73	50.18	1.108108108	1.072360282	0	0	No
<i>DPH3</i>	0.49	0.5	0.43	0.65	1.006711409	1.156369183	0	0	No
<i>OXNAD1</i>	3.85	5.96	2.77	4.33	1.435051546	1.414917283	0.387321	0.281842	No
<i>PLCL2</i>	8.67	12.44	13.59	12.20	1.389865564	0.904860793	0.415264	-0.1592	No
<i>CXXC1</i>	1.92	2.24	8.08	6.82	1.109589041	0.860987056	0	-0.175853	No

SKA1	2.53	3.12	4.09	5.35	1.16713881	1.248118959	0	0.00959083	No
PPP4R1	1.75	2.31	<0.1	NA	1.203636364	NA	0	NA	No
CCDC144B	5.04	4.43	3.96	3.37	0.899006623	0.880866345	0	-0.196235	No
MPPE1	33.34	39.69	46.18	48.72	1.18491555	1.053795801	0.152494	0	No
USP43	4.34	3.67	<0.1	NA	0.874531835	NA	-0.0721803	NA	No
RAB6B	0.76	0.91	11.04	12.17	1.085227273	1.09351529	0	0	No
EME1	0.16	0.3	<0.1	NA	1.120689655	NA	0	NA	No
EPHB1	3.88	3.97	0.23	0.58	1.018442623	1.286411134	0	0	No
ACSS1	7.27	10.19	30.81	33.74	1.353083434	1.092111401	0.311989	0	No
ANKRD40	7.95	5.98	0.13	0.05	0.779888268	0.931912205	-0.286447	-0.523105	No
ZNF18	9.46	13.79	12.63	13.39	1.413957935	1.055482002	0.404638	0	No
VOPP1	1.41	1.06	<0.1	NA	0.854771784	NA	0	NA	No
APOOL	158.23	208.17	198.50	206.13	1.313634365	1.038247946	0.361296	-0.032758	No
CYP2U1	3.53	3.92	<0.1	NA	1.086092715	NA	0	NA	No
FBXL18	6.24	7.98	<0.1	NA	1.240331492	NA	0.20779	NA	No
PROM2	0.2	0.54	0.92	1.60	1.283333333	1.351961321	0.738945	0.31039	No
AK9	19.48	22.3	20.98	22.28	1.137695313	1.059205873	0.0781763	0	No
KLF10	0.35	0.45	0.95	0.94	1.074074074	0.993738452	0	0	No
PTPRN2	4.44	6.21	<0.1	NA	1.325367647	NA	0.282602	NA	No
AZIN1	49.56	52.76	63.05	68.10	1.063291139	1.078830925	0	0	No
ATP6V1C1	7.06	6.91	8.26	9.15	0.981389578	1.096416442	0	0	No
PIP4P2	3.91	3.95	10.29	12.12	1.00814664	1.162143929	0	0	No
OTUD6B	1.83	1.6	0.48	0.67	0.918727915	1.131065866	0	0	No
CDK19	7.79	4.72	30.53	30.53	0.650739477	1.000116865	-0.579598	-0.0461705	No
GTF3C6	0.86	1.28	2.68	3.21	1.225806452	1.1452628	0.278439	0	No
TTC39B	1.76	2.48	83.35	72.73	1.260869565	0.874043577	0.186962	-0.245584	No
AGPAT5	6.29	10.55	24.26	21.62	1.58436214	0.895656998	0.593663	-0.232786	No
MMS19	332.06	226.75	155.46	153.94	0.683810725	0.990255746	-0.516523	-0.0962513	No
PI4K2A	1.8	2.01	4.66	4.97	1.075	1.054433111	0	0	No
MARVELD1	1.39	1.75	9.32	11.43	1.150627615	1.204375057	0.0527037	0.0792168	No
ZFYVE27	9.34	18.64	13.91	11.34	1.899419729	0.827387123	0.800932	-0.256716	No
GOLGA7B	0.61	1.05	<0.1	NA	1.273291925	NA	0.345165	NA	No
GPR78	1.66	1.98	1.13	1.36	1.120300752	1.108981408	0	0	No
TRMT44	1.69	2.24	9.97	10.34	1.204460967	1.033566659	0.132694	0	No
SLC25A28	2.57	2.42	7.68	8.66	0.957983193	1.113382915	0	0	No
HSPA13	2.24	3.94	3.10	3.82	1.524691358	1.17537084	0.5398	0	No
USP25	0.73	1.75	0.72	1.52	1.589595376	1.464634998	0.739208	0.623132	No
GRAMD2B	0.38	0.43	8.60	12.19	1.036231884	1.373913064	0	0	No

ZCCHC10	8.14	7.12	3.42	3.59	0.888402626	1.039535435	-0.0104164	0	No
C16orf87	1.12	1.71	<0.1	NA	1.278301887	NA	0.277997	NA	No
MOV10	2.82	2.36	6.63	6.86	0.879581152	1.029719361	-0.0642869	0	No
RHOC	0.36	0.23	<0.1	NA	0.904411765	NA	-0.259291	NA	No
PPM1J	0.78	0.86	2.40	2.58	1.04494382	1.053046119	0	0	No
DBI	10.58	12.1	18.17	18.20	1.131260794	1.001646154	0.0513421	-0.0011023	No
SLC16A1	7.27	8.68	4.64	6.65	1.170495768	1.355899071	0.136495	0	No
HEATR3	1.13	1.68	2.67	3.37	1.258215962	1.190901219	0.233211	0.0102153	No
NIFK	18.54	25.08	4.16	4.87	1.334698055	1.138319831	0.316017	0	No
OXA1L	3.53	3.23	<0.1	NA	0.933774834	NA	0	NA	No
SLC7A7	2.19	2.15	6.73	6.81	0.987460815	1.010340053	0	-0.036685	No
LARP1	1.87	1.68	<0.1	NA	0.933797909	NA	0	NA	No
CNOT8	4.12	8.26	19.87	24.22	1.80859375	1.208549241	0.692232	0.0364308	No
SETD9	2.28	2.04	5.01	4.84	0.926829268	0.971271107	0	0	No
MIER3	0.86	1.1	3.70	4.49	1.129032258	1.167161193	0	0	No
NUP205	0.15	0.2	<0.1	NA	1.043478261	NA	0	NA	No
ZKSCAN2	7.31	6.57	1.88	2.23	0.910950662	1.123203945	-0.0114891	0	No
C9orf85	3.17	3.82	4.93	4.72	1.1558753	0.965291967	0	0	No
PIK3AP1	0.19	0.16	<0.1	NA	0.974789916	NA	0	NA	No
RBM45	11.67	8.93	8.92	12.87	0.783741121	1.398597982	-0.285855	0.233134	No
PDIA4	2.3	1.99	9.32	8.10	0.906060606	0.881547147	0	-0.152709	No
KDM8	2.42	5.15	<0.1	NA	1.798245614	NA	0.651733	NA	No
KCTD18	2.18	3.78	23.47	27.45	1.503144654	1.162534629	0.359929	0	No
FAM126B	5.88	5.26	3.24	3.10	0.909883721	0.967442765	0	0	No
TMEM237	6.78	6.79	<0.1	NA	1.001285347	NA	0	NA	No
FZD7	1.26	1.07	0.86	0.78	0.915929204	0.958109013	0	0	No
DEPTOR	9.65	10.83	16.58	17.08	1.110798122	1.028487542	0.0199548	0	No
FMN2	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
RNF20	0.81	0.56	0.44	0.43	0.861878453	0.994800314	-0.166017	0	No
PPARGC1B	5.43	6.98	7.76	7.59	1.241057543	0.980881124	0.132775	0	No
SLC26A2	3.15	3.82	2.14	2.71	1.161445783	1.182445871	0.0768186	0.0192953	No
LSM11	5.06	7.52	15.38	16.17	1.405940594	1.047972861	0.386628	-0.0098774	No
MED7	30.43	31.53	90.59	100.16	1.034998409	1.104486182	0	0	No
RRAGA	1.19	1.31	6.87	6.53	1.054794521	0.957253601	0	-0.0079266	No
PXYLP1	0.3	1.21	<0.1	NA	1.7	NA	1.19643	NA	No
RASA2	0.75	0.87	5.06	4.95	1.068571429	0.981696494	0	0	No
RMND1	1.29	1.56	0.23	0.53	1.11790393	1.244707357	0.0383379	0.817524	No
RAET1L	13.85	13.17	0.58	0.74	0.954208754	1.09840558	0	0	No

<i>TMBIM4</i>	4.34	5.2	16.40	18.13	1.161048689	1.09916274	0.071222	0	No
<i>VBP1</i>	14.51	12.93	15.92	20.38	0.898130239	1.263429795	0	0.0513125	No
<i>MICU3</i>	13.95	12.5	34.42	32.83	0.903010033	0.955050985	-0.0391434	-0.165747	No
<i>VPS37A</i>	13.57	11.81	50.24	51.47	0.879203844	1.02393301	-0.107035	-0.0537463	No
<i>NAT2</i>	1.35	1.35	4.40	4.87	1	1.086516442	0	0	No
<i>PSD3</i>	9.41	8.92	7.43	8.99	0.952929875	1.184912551	0	0	No
<i>CARNMT1</i>	2.23	2.47	1.21	1.35	1.074303406	1.06300065	0	0	No
<i>MCU</i>	0.16	0.17	0.32	0.54	1.00862069	1.168597039	0	0	No
<i>MIDEAS</i>	2.97	5.03	<0.1	NA	1.518891688	NA	0.557409	NA	No
<i>GNA14</i>	0.26	0.32	0.64	0.86	1.047619048	1.137063823	0	0	No
<i>FAM161B</i>	1.27	1.32	0.42	0.67	1.022026432	1.173013509	0	0	No
<i>GNAQ</i>	5	2.44	12.92	19.75	0.573333333	1.49045735	-0.797778	0.31029	No
<i>ADK</i>	0.27	2.68	<0.1	NA	2.897637795	NA	2.42596	NA	No
<i>BATF</i>	2.54	36.62	2.04	2.44	10.62711864	1.130127771	3.62221	0	No
<i>DCK</i>	0.6	1.62	2.15	2.44	1.6375	1.09055125	0.98782	0	No
<i>DPY19L4</i>	1.31	1.52	11.43	13.20	1.090909091	1.142729607	0	0	No
<i>NDUFAF6</i>	0.19	0.27	<0.1	NA	1.067226891	NA	0	NA	No
<i>DRAM2</i>	9.88	10.74	10.03	10.40	1.079044118	1.033381517	0	0	No
<i>C8orf37</i>	5.23	4.78	2.82	3.28	0.92776886	1.119840262	0	0	No
<i>SLC28A1</i>	0.37	0.83	3.36	3.51	1.335766423	1.034670985	0.553673	0	No
<i>WHAMM</i>	11.26	16.62	9.59	8.85	1.437194127	0.92986737	0.451305	-0.155878	No
<i>N6AMT1</i>	5.35	5.22	11.47	12.86	0.979527559	1.111254502	0	0	No
<i>RWDD2B</i>	11.88	15.44	0.14	0.09	1.276397516	0.958092354	0.206085	0	No
<i>USP16</i>	5.2	5.53	3.23	3.59	1.053225806	1.085909879	0	0	No
<i>CCT8</i>	12.85	23	18.26	19.34	1.732851986	1.055888575	0.695417	0	No
<i>MAP3K7CL</i>	19.91	31.33	14.64	14.75	1.546150167	1.007337157	0.565643	0	No
<i>BACH1</i>	16.13	14.96	1.81	1.52	0.931698774	0.896673128	0	-0.114679	No
<i>TIAM1</i>	2.69	4.15	4.06	4.19	1.395663957	1.025903243	0.283623	0	No
<i>SCAF4</i>	1.91	1.48	3.95	3.88	0.852233677	0.986829688	-0.130932	0	No
<i>CDK20</i>	13.99	13.56	7.09	8.05	0.971314209	1.118859584	0	0	No
<i>PCGF6</i>	0.41	0.8	0.49	0.63	1.276595745	1.096330282	0.313438	0	No
<i>ANKRD9</i>	0.16	0.77	<0.1	NA	1.525862069	NA	0.480703	NA	No
<i>SFR1</i>	2.19	1.02	3.56	4.05	0.63322884	1.107436891	-0.793978	0	No
<i>SFXN2</i>	3.89	5.46	8.89	8.32	1.321063395	0.941954757	0.243702	-0.0577342	No
<i>ATP5MPL</i>	0.4	1.06	2.23	2.87	1.471428571	1.198447608	1.04851	0.124111	No
<i>FUT6</i>	1.82	1.39	7.45	8.83	0.84751773	1.163433317	-0.03084	0	No
<i>FGF18</i>	4.82	3.47	26.25	26.10	0.768041237	0.994672872	-0.16064	-0.0021662	No
<i>PCDH1</i>	5.1	3.62	<0.1	NA	0.757377049	NA	-0.194344	NA	No

SH3RF2	1.94	1.92	18.66	19.04	0.993197279	1.019532322	0	0	No
UQCRB	0.41	0.85	<0.1	NA	1.312056738	NA	0.584141	NA	No
MTERF3	3.42	4.29	6.44	5.68	1.196832579	0.898516138	0.167281	-0.196444	No
PTDSS1	1.52	1.96	4.41	5.39	1.174603175	1.181740707	0.241736	0.101328	No
RPL30	0.26	0.39	1.73	1.40	1.103174603	0.877534056	0	0	No
FAM122C	7.03	7.14	26.46	28.76	1.01369863	1.083763073	0	0	No
SUPV3L1	33.44	45.11	22.75	21.71	1.338850174	0.956166253	0.324858	-0.0986435	No
FAM122B	1.28	1.01	14.31	15.74	0.881578947	1.093423773	0	0	No
EEF1A1	1.27	1.34	5.13	5.92	1.030837004	1.128114501	0	0	No
FBXO43	0.8	0.56	0.13	0.00	0.866666667	0.884955752	0	0	No
HKDC1	2.2	2.27	<0.1	NA	1.021875	NA	0	NA	No
HK1	127.65	76.85	385.42	328.44	0.605130198	0.852534866	-0.641323	-0.316615	No
TYSND1	18.77	29.37	30.15	35.83	1.536165908	1.1824822	0.547676	0.0414179	No
PHF6	2.67	3.41	1.72	2.64	1.201634877	1.339012523	0.208352	0.295853	No
CD109	5.78	3.77	<0.1	NA	0.703539823	NA	-0.358491	NA	No
UBE2L6	3.26	3.55	6.87	7.73	1.068075117	1.109030274	0	0	No
ZDHHC5	1.67	2.51	5.50	7.18	1.314606742	1.25817481	0.206631	0.0140631	No
MED19	0.18	7.92	<0.1	NA	7.559322034	NA	4.46719	NA	No
ZFAND3	1.58	1.77	14.34	13.82	1.073643411	0.966383965	0	0	No
NPTN	5.08	3.21	6.32	5.75	0.692434211	0.922169268	-0.401407	0	No
KAT6B	2.74	3.52	<0.1	NA	1.20855615	NA	0.0252326	NA	No
SAMD8	0.16	0.58	6.73	6.58	1.362068966	0.9802323	0.559551	-0.0619561	No
RAB11FIP1	0.13	0.29	0.49	0.39	1.14159292	0.933338314	0.43897	-0.0863758	No
GLYATL2	1.43	1.91	7.52	8.20	1.197530864	1.079292471	0.04297	0	No
UTP14A	0.84	1.18	1.87	2.25	1.184782609	1.131749828	0.1884	0	No
AIFM1	1.17	3.49	8.07	8.11	2.069124424	1.004485781	1.17237	0	No
MAPK13	13.3	12.19	<0.1	NA	0.922377622	NA	-0.0328037	NA	No
BAG4	3.86	6	42.98	52.63	1.440329218	1.219473276	0.289087	0.0236732	No
TBC1D31	1.04	1.24	6.23	7.16	1.098039216	1.128122673	0	0	No
NTAQ1	8.39	12.41	14.39	13.64	1.428115016	0.951098862	0.308844	0	No
ATAD2	2.11	4.01	1.81	1.94	1.610932476	1.044720375	0.61431	0	No
FBXO32	16.49	23.3	47.15	48.53	1.389365352	1.028717053	0.403487	-0.0578496	No
NSMCE2	10.49	12.84	19.87	23.34	1.204525674	1.1660325	0.185417	0.0498919	No
ZNF689	0.71	0.57	2.88	3.36	0.918128655	1.12303624	0	0	No
PRR14	2.5	3.38	5.85	6.59	1.251428571	1.108494916	0.082077	0	No
FBRS	14.59	12.37	1.46	1.41	0.857601026	0.980732548	-0.117949	0	No
FRRS1	6.78	6.37	7.64	7.43	0.947300771	0.975445572	0	0	No
PHKG2	3.05	2.25	2.52	2.86	0.802469136	1.095287434	-0.0762688	0	No

MFSD14A	2.11	2.23	1.33	1.24	1.038585209	0.960272178	0	-0.0501589	No
SASS6	1.43	1.62	1.61	1.50	1.0781893	0.957359759	0	0	No
MALSU1	1.2	1.34	5.99	6.53	1.063636364	1.077679149	0	0	No
VPS8	0.45	1.14	0.40	0.44	1.475862069	1.0317791	0.625466	0	No
GALK2	0.95	1.61	2.18	2.56	1.338461538	1.120987361	0.404689	0	No
B3GNT7	2.75	4.86	2.13	2.75	1.562666667	1.198094886	0.568169	0.0737151	No
MPV17L	5.79	9.1	0.47	0.67	1.487481591	1.134507248	0.375093	0	No
BUB1B	3.15	6.61	6.11	7.49	1.83373494	1.194067826	0.788369	0	No
PDE6D	0.7	1.2	4.02	4.49	1.294117647	1.094087249	0.394208	0	No
EIF4A2	6.81	9.55	7.65	8.31	1.350832266	1.076553274	0.206766	0	No
BRPF1	1.69	2.13	1.45	1.66	1.163568773	1.084708061	0.0166284	0	No
RPUSD3	0.51	0.87	<0.1	NA	1.238410596	NA	0	NA	No
TATDN2	2.46	1.28	3.87	3.35	0.658959538	0.894039941	-0.354943	-0.069533	No
SEC13	4.64	5.29	6.11	7.12	1.115248227	1.141940345	0	0	No
CIBAR1P1	23.81	27.63	2.75	3.45	1.153970173	1.185547487	0.142906	0.0506983	No
EXOG	32.73	36.42	233.76	164.67	1.109398162	0.705703947	0.0570334	-0.619858	No
NTAN1	2.63	2.66	9.40	9.19	1.008264463	0.97967572	0	-0.0855757	No
NMNAT2	6.8	5.96	1.05	1.27	0.892307692	1.107301356	-0.0286746	0	No
ZFYVE9	58.04	59.13	55.26	55.01	1.01846206	0.995556093	0	-0.0975653	No
SMG1	0.26	0.2	4.54	3.40	0.952380952	0.794689916	0	-0.366786	No
FCHO2	8.84	9.71	49.35	53.32	1.088414634	1.078783191	0.0216761	0	No
RBPMS	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
TMEM171	9.41	10	18.08	17.46	1.056676273	0.967713923	0	-0.0698956	No
TIMP4	2.32	2.68	3.83	4.08	1.108433735	1.052557398	0	0	No
SYN2	13.33	12.3	3.54	3.78	0.928122819	1.052527499	0	0	No
NRG1	0.19	0.35	<0.1	NA	1.134453782	NA	0	NA	No
ODR4	3.38	5.16	3.50	4.59	1.406392694	1.242547358	0.378201	0.155158	No
CPT2	18.52	17.64	3.47	4.36	0.954918033	1.198348578	0	0	No
NECAP2	5.47	6.29	4.41	5.24	1.126738794	1.153563845	0.0622815	0	No
LRP8	0.27	0.24	0.64	0.60	0.976377953	0.972917729	0	-0.0378617	No
PAXIP1	7.08	7.8	1.58	1.80	1.089108911	1.085401645	0.00454302	0	No
STEAP2	1.24	1.39	<0.1	NA	1.066964286	NA	0	NA	No
SSBP3	3.69	2.72	0.54	0.53	0.793176972	0.992168872	-0.336821	0	No
CLDN12	2.1	3.06	0.36	0.87	1.309677419	1.375274449	0.200793	0.706677	No
MMP14	0.69	0.9	2.28	2.16	1.124260355	0.96314755	0	0	No
FZD1	0.45	0.56	4.15	3.23	1.075862069	0.821210783	0	-0.321068	No
GATAD1	19.05	18.51	62.16	71.23	0.973067332	1.1435629	0	0	No
SUSD3	1.29	2.73	16.16	16.11	1.628820961	0.997272503	0.561313	0	No

ZFHx2-AS1	3.23	2.88	2.77	3.33	0.917257683	1.149083186	-0.0032475	0	No
TMED6	12.72	9.9	1.98	1.63	0.794460641	0.882278415	-0.252943	-0.155065	No
DHRS4	4	4.47	18.52	18.71	1.094	1.009690574	0	0	No
ARMC12	2.87	4.31	<0.1	NA	1.372093023	NA	0.331961	NA	No
DDX19B	2.8	4.83	7.95	9.55	1.534210526	1.179112365	0.499872	0	No
ST3GAL2	7.8	8.87	7.78	8.64	1.121590909	1.098459449	0	0	No
FCSK	7.19	9.69	2.34	2.18	1.305250305	0.952495761	0.293969	0	No
IL34	1.6	2.33	6.72	9.92	1.280769231	1.414033456	0.281515	0.280956	No
DHRS1	1.15	1.15	6.97	7.05	1	1.009607376	0	0	No
AASDH	3.7	2.92	16.03	14.69	0.834042553	0.921446534	-0.0265592	0	No
ZNF19	1.06	1.67	15.94	19.69	1.296116505	1.221173964	0.356838	0.00575569	No
RNF111	8.19	16.83	14.14	15.64	1.940152339	1.099268505	0.816794	0	No
CCNB2	4.55	5.16	6.27	6.01	1.10990991	0.964692749	0	-0.0069306	No
FAM81A	20.1	21.21	21.12	24.95	1.052606635	1.173371842	0	0.0556785	No
MYO1E	13.96	12.83	17.83	17.44	0.924465241	0.979339994	0	-0.0990312	No
APPL1	1.03	0.75	5.49	6.75	0.862068966	1.193585	-0.0309629	0.00431136	No
AFAP1L1	1.12	1.23	0.17	0.13	1.051886792	0.96466725	0	0	No
TSC22D3	1.87	2.67	6.30	6.50	1.278745645	1.027132253	0.227489	0	No
VPS26C	2.87	3.44	10.57	10.45	1.147286822	0.989801987	0.0955561	-0.0466347	No
DYRK1A	8.09	9.83	15.35	15.20	1.191419142	0.990627893	0.180831	-0.0011501	No
ETS2	5.21	5.27	13.48	14.05	1.009661836	1.039459148	0	0	No
TSPAN18	0.27	0.21	5.70	5.84	0.952755906	1.021231749	0	0	No
SLC35B2	2.42	3.63	11.65	12.17	1.35380117	1.041088619	0.218265	0	No
TMEM164	13.58	16.25	15.15	15.15	1.183127572	1.000081308	0.158587	-0.0866173	No
MX1	0.18	0.39	1.15	1.09	1.177966102	0.97190054	0	0	No
CREB3L1	9.78	23.66	12.40	11.50	2.287569573	0.932632833	1.13126	-0.0643894	No
C2CD2	11.24	14.43	141.75	142.83	1.260620915	1.007563365	0.294744	-0.103898	No
TAB3	3.54	7	8.90	11.15	1.762114537	1.226782333	0.840932	0.125418	No
SLC38A10	3.95	5.26	11.89	11.85	1.264646465	0.996702739	0.246682	-0.0639189	No
C9orf43	3.4	4.6	4.38	5.21	1.272727273	1.154925228	0.196368	0	No
PALM2AKAP2	0.12	0.42	<0.1	NA	1.267857143	NA	0.600731	NA	No
ZNF618	0.3	0.24	<0.1	NA	0.953846154	NA	0	NA	No
TMEM268	4.09	3.92	7.77	9.68	0.966601179	1.217336693	0	0.0943309	No
SVOPL	0.86	0.68	<0.1	NA	0.903225806	NA	0	NA	No
SNX22	5.71	2.56	<0.1	NA	0.530551416	NA	-0.990404	NA	No
UBN2	3.61	4.52	<0.1	NA	1.197396963	NA	0.0271455	NA	No
BRAF	11.65	15.95	<0.1	NA	1.339920949	NA	0.354002	NA	No
SLC34A2	10.35	17.62	9.24	9.73	1.640528634	1.047502068	0.662953	0	No

<i>PSMG3</i>	0.83	1.48	11.76	12.71	1.355191257	1.074382469	0.483554	0	No
<i>WDR19</i>	0.53	0.78	10.78	11.55	1.163398693	1.065070665	0.0263678	0	No
<i>SLC37A3</i>	2.48	2.31	17.62	19.92	0.951149425	1.123729315	0	0	No
<i>AP3S2</i>	24.14	17.62	80.03	78.35	0.740652347	0.979298157	-0.359199	-0.0922406	No
<i>FMNL2</i>	0.98	0.9	<0.1	NA	0.95959596	NA	0	NA	No
<i>GAREM2</i>	14.92	23.54	21.96	21.40	1.541457286	0.975700526	0.52194	-0.035046	No
<i>SPPL3</i>	8.05	9.2	54.83	48.51	1.127071823	0.886772198	0	-0.278582	No
<i>DPYSL5</i>	3.11	5.09	7.17	8.97	1.481751825	1.219791306	0.353844	0	No
<i>RAB28</i>	12.2	9.88	10.07	8.14	0.824242424	0.825739705	-0.169787	-0.301359	No
<i>PRXL2B</i>	0.17	0.11	<0.1	NA	0.948717949	NA	0	NA	No
<i>TNFRSF14</i>	0.62	0.93	0.13	0.25	1.191358025	1.106348273	0.206631	0	No
<i>PANK4</i>	0.59	0.53	0.26	0.29	0.962264151	1.022500026	0	0	No
<i>CIB4</i>	6.58	7.81	48.22	44.37	1.162269129	0.921806065	0.114564	-0.208127	No
<i>C12orf43</i>	8.63	17.21	10.42	9.74	1.890965732	0.940820377	0.871351	-0.152894	No
<i>PEX10</i>	14.42	17.52	24.64	23.69	1.201037613	0.963131109	0.0767315	0	No
<i>RER1</i>	4.09	3.35	0.21	0.21	0.854616896	0.998414175	0	0	No
<i>RADIL</i>	0.16	0.26	1.18	1.31	1.086206897	1.058894065	0.232818	0	No
<i>SKI</i>	5.54	8.33	7.78	8.54	1.426605505	1.086515214	0.35889	0	No
<i>WIPI2</i>	14.81	13.79	19.65	20.73	0.935483871	1.052208284	0	0	No
<i>LDLRAP1</i>	43.78	54.37	18.50	19.96	1.236489504	1.074991579	0.233471	0	No
<i>KRTCAP3</i>	0.79	0.96	1.25	1.18	1.094972067	0.970827892	0	0	No
<i>ANKRD61</i>	1.28	1.18	3.09	2.62	0.956140351	0.88620867	0	-0.0700371	No
<i>PAFAH2</i>	13.07	14.35	34.26	35.30	1.090973703	1.029422693	0.0518877	0	No
<i>EXTL1</i>	7.14	10.71	19.65	23.08	1.438574939	1.166271677	0.479194	0.0290738	No
<i>SLC30A2</i>	0.49	0.31	0.42	0.31	0.879194631	0.920633953	0	0	No
<i>BABAM2</i>	17.28	17.81	23.06	22.20	1.028993435	0.964391831	0	-0.119238	No
<i>MRPL17</i>	8.31	7.64	10.29	10.43	0.928034372	1.012477187	0	0	No
<i>DUSP2</i>	0.72	0.57	<0.1	NA	0.912790698	NA	0	NA	No
<i>GRHL3</i>	0.42	0.99	<0.1	NA	1.401408451	NA	0.559792	NA	No
<i>UBXN11</i>	13.1	23.82	1.22	0.92	1.760283688	0.86689031	0.73806	-0.22161	No
<i>PTPDC1</i>	1.03	1.8	9.79	11.52	1.379310345	1.160316548	0.57565	0.00675503	No
<i>GALNT14</i>	1.47	2.56	5.69	6.64	1.441295547	1.142508294	0.555452	0	No
<i>NCK1</i>	0.27	0.29	<0.1	NA	1.015748031	NA	0	NA	No
<i>HPD</i>	0.99	1.34	2.83	3.21	1.175879397	1.099166862	0.12088	0	No
<i>RHPN1</i>	2.54	2.65	4.77	5.69	1.031073446	1.159862571	0	0	No
<i>TPRG1L</i>	2.62	3.14	5.71	5.89	1.143646409	1.02663678	0.126063	0	No
<i>PRXL2C</i>	4.65	5.23	<0.1	NA	1.102654867	NA	0	NA	No
<i>XDH</i>	0.36	0.47	3.62	3.37	1.080882353	0.945654623	0	-0.0695134	No

<i>XKR8</i>	0.49	0.6	0.25	0.36	1.073825503	1.08510643	0	0	No
<i>CNNM4</i>	18.85	15.77	10.21	10.36	0.844836272	1.01368133	-0.136858	-0.0092853	No
<i>EYA3</i>	4.66	6.05	9.22	9.33	1.245583039	1.011046115	0.217407	-0.0135557	No
<i>DZIP1L</i>	0.14	0.78	0.17	0.27	1.561403509	1.086745036	1.6637	0	No
<i>FANCC</i>	1.69	6.12	0.20	0.21	2.646840149	1.012406038	1.50147	0	No
<i>MRAS</i>	3.23	5.2	8.89	9.36	1.46572104	1.047169267	0.438953	0	No
<i>WASF2</i>	0.44	0.47	<0.1	NA	1.020833333	NA	0	NA	No
<i>ABHD3</i>	4.45	3.56	21.35	19.19	0.836697248	0.903401673	0	0	No
<i>ESYT3</i>	33.12	23.87	13.47	10.10	0.728898007	0.766941281	-0.331283	-0.237035	No
<i>FAIM</i>	1.23	1.6	2.11	2.21	1.165919283	1.032221178	0.030889	0	No
<i>TENT5B</i>	5.48	4.59	0.17	0.09	0.862654321	0.930773309	-0.0615789	0	No
<i>RNF207</i>	1.63	1.11	3.57	4.68	0.802281369	1.243145466	-0.277045	0.096311	No
<i>CUL4B</i>	6.84	8.46	11.03	12.37	1.206632653	1.111664605	0.172069	0	No
<i>GPR153</i>	9.5	15.45	10.20	9.22	1.566666667	0.912653274	0.595042	-0.221415	No
<i>SLC13A3</i>	0.49	4.43	<0.1	NA	3.644295302	NA	2.72145	NA	No
<i>GPRASP2</i>	5.18	5.49	11.12	11.57	1.050161812	1.037368502	0	0	No
<i>RHBDL2</i>	13.27	12.28	234.58	266.33	0.930623686	1.134787157	0	0	No
<i>AUTS2</i>	0.7	1.72	<0.1	NA	1.6	NA	0.781391	NA	No
<i>H2BC5</i>	16.05	17.39	<0.1	NA	1.078592375	NA	0	NA	No
<i>CDC25C</i>	0.74	1.99	1.84	1.83	1.718390805	0.996541016	1.05261	0	No
<i>H4C8</i>	5.12	6.31	22.24	28.43	1.194444444	1.266377317	0.131595	0.123253	No
<i>MITD1</i>	0.27	0.79	7.99	7.39	1.409448819	0.93322342	1.13016	-0.112696	No
<i>EIF5B</i>	0.56	1.19	0.45	0.69	1.403846154	1.167734651	0.744805	0.0454729	No
<i>RIBC1</i>	3.87	4.01	0.41	0.34	1.028747433	0.947299233	0	0	No
<i>CNOT11</i>	6.52	35.47	<0.1	NA	4.849734043	NA	2.2231	NA	No
<i>TSPAN33</i>	5.5	7.26	7.93	8.54	1.270769231	1.067766438	0.261986	0	No
<i>NRG2</i>	0.23	0.32	0.43	0.91	1.073170732	1.335247708	0	0.535354	No
<i>AHCYL2</i>	1.63	1.32	0.31	0.37	0.882129278	1.044350356	-0.0354239	0	No
<i>B4GALT5</i>	0.43	0.8	1.11	1.29	1.258741259	1.086709269	0.244106	0	No
<i>SPATA2</i>	3.46	4.97	3.50	3.35	1.338565022	0.967568122	0.224764	0	No
<i>FAM86C1P</i>	0.25	0.19	0.23	0.20	0.952	0.974126198	0	0	No
<i>NCF1</i>	0.89	0.64	<0.1	NA	0.867724868	NA	0	NA	No
<i>CPA5</i>	0.8	1.58	4.51	4.78	1.433333333	1.049603028	0.815669	-0.0016029	No
<i>TSR2</i>	0.96	1.15	13.12	10.55	1.096938776	0.817921045	0	-0.418357	No
<i>ZC3H18</i>	13.59	12.22	87.76	72.59	0.906100069	0.829127261	-0.0481696	-0.372899	No
<i>ZFAND2B</i>	8.72	12.35	0.30	0.39	1.37345679	1.072338795	0.414458	0	No
<i>GDPD5</i>	2.59	2.65	16.70	17.00	1.016713092	1.017034633	0	0	No
<i>TMED4</i>	7.13	9.09	1.08	1.44	1.241082411	1.173105202	0.185035	0.00214964	No

PPP1R15B	57.04	49.08	65.17	71.27	0.862853205	1.092114159	-0.164073	0	No
COPG2	0.12	0.02	0.14	0.09	0.910714286	0.959509678	0	0	No
EMSY	1.12	0.98	<0.1	NA	0.933962264	NA	0	NA	No
GPAT4	25.82	17.54	<0.1	NA	0.691275168	NA	-0.465467	NA	No
ZSCAN12	0.42	0.2	0.60	0.81	0.845070423	1.128785219	-0.496073	0	No
TAGLN2	0.13	0.08	<0.1	NA	0.955752212	NA	0	NA	No
ELK4	14	17.24	<0.1	NA	1.216	NA	0.174898	NA	No
SLC45A3	1.53	1.05	0.67	1.08	0.81027668	1.242888758	0	0	No
DUSP23	0.17	0.06	<0.1	NA	0.905982906	NA	0	NA	No
RNF166	1.47	2.36	<0.1	NA	1.360323887	NA	0.347651	NA	No
NBL1	15.15	25.24	14.42	16.06	1.624767802	1.106179051	0.570331	0	No
F11R	0.78	1.12	2.24	2.88	1.191011236	1.198987007	0.0677576	0	No
USF1	0.19	0.32	<0.1	NA	1.109243697	NA	0.169977	NA	No
PLA2G2F	2.85	3.59	6.13	5.90	1.192207792	0.968094657	0.0728721	-0.010923	No
SPATA2L	13.29	12.29	16.51	16.95	0.930020994	1.02497326	0	0	No
NIT1	22.01	19.73	<0.1	NA	0.900912647	NA	0	NA	No
DEDD	2.7	2.87	7.90	7.81	1.045945946	0.98984455	0	0	No
ZNF276	2.23	2.37	3.39	3.43	1.043343653	1.00999124	0	0	No
NPM2	0.84	3.21	0.61	0.99	2.288043478	1.233155717	1.63059	0	No
FGF17	16.11	11.19	<0.1	NA	0.71244886	NA	-0.384346	NA	No
CDA	6.28	7.96	9.11	10.04	1.230769231	1.092014989	0.148685	0	No
PINK1	5.16	5.2	6.06	5.52	1.006493506	0.92327259	0	-0.0527136	No
B4GALT3	2.84	4.45	13.15	14.98	1.419270833	1.129218769	0.458556	0	No
DMTN	4.61	5.11	3.69	3.83	1.08912656	1.029953122	0	0	No
FAM160B2	3.86	3.69	4.25	4.55	0.965020576	1.057617198	0	0	No
NDUFS2	2.32	1.38	3.11	3.67	0.71686747	1.136373553	-0.387711	0	No
FCER1G	5.16	5.27	57.73	56.32	1.017857143	0.97605681	0	-0.142758	No
TOMM40L	1.95	3.19	12.09	15.68	1.420338983	1.274036409	0.292817	0.0396483	No
CCAR2	10.78	12.3	8.87	10.38	1.129032258	1.15344415	0.0765413	0	No
CACHD1	0.32	0.44	1.47	2.03	1.090909091	1.22692173	0	0.236976	No
CDC42SE2	2.52	2.28	6.67	8.62	0.931818182	1.254121825	0	0	No
RAPGEF6	5.01	7.18	2.19	2.25	1.361064892	1.018349187	0.321327	0	No
EPB41	0.65	1.06	2.12	2.42	1.248484848	1.094915558	0.202311	0	No
MIS18A	8.63	7.17	13.41	15.93	0.848390447	1.17497425	-0.0532206	0	No
ALG8	0.24	0.25	1.35	2.45	1.008064516	1.467670268	0	0.493725	No
FBXW5	0.49	1.79	2.86	3.46	1.872483221	1.154146131	1.44141	0	No
CFAP298	11.13	15.93	14.19	14.82	1.395713108	1.041319493	0.379022	0	No
SYNJ1	1.17	1.31	2.21	2.28	1.064516129	1.020384278	0	0	No

<i>PAXBP1</i>	27.05	22.66	14.23	15.94	0.843493761	1.112030534	-0.159956	0	No
<i>IFNAR2</i>	1.02	0.78	2.26	2.75	0.881188119	1.151521266	0	0	No
<i>MRPL10</i>	0.5	0.36	0.77	0.77	0.906666667	1.000558979	0	0	No
<i>IFNGR2</i>	3.71	6.35	4.25	4.34	1.560509554	1.017319249	0.613165	0	No
<i>GART</i>	38.25	29.56	<0.1	NA	0.778598726	NA	-0.294967	NA	No
<i>SON</i>	0.25	0.45	0.24	0.28	1.16	1.033495341	0.247891	0	No
<i>DONSON</i>	9.57	15.65	3.55	3.95	1.575212867	1.08850799	0.547141	0	No
<i>SV2A</i>	0.37	0.12	13.94	10.45	0.817518248	0.766161091	-0.337804	-0.487539	No
<i>LAD1</i>	30.79	33.72	41.57	40.36	1.092167348	0.971578762	0.0516166	-0.105001	No
<i>TNNI1</i>	8.31	9.34	10.37	12.07	1.110633727	1.149524455	0.015892	0	No
<i>CSRP1</i>	4.62	3.98	<0.1	NA	0.886120996	NA	0	NA	No
<i>HOXB13</i>	4.7	4.75	5.92	6.91	1.00877193	1.143351721	0	0	No
<i>ATP5MC1</i>	2.89	2.98	7.24	6.69	1.023136247	0.93307933	0	-0.107362	No
<i>RCAN1</i>	15.32	26.79	25.70	36.32	1.702818627	1.39760431	0.547445	0.149742	No
<i>UBE2Z</i>	1.02	0.69	1.77	1.22	0.836633663	0.800407108	-0.223625	-0.171169	No
<i>CIART</i>	3.39	5.11	12.35	12.66	1.391799544	1.023152796	0.376913	0	No
<i>SNF8</i>	8.78	6.66	18.14	17.09	0.783231084	0.945173118	-0.23159	-0.119849	No
<i>CCDC24</i>	16.4	17.29	9.45	8.46	1.051149425	0.905129427	0	-0.174759	No
<i>RUNX1</i>	10.47	9.24	47.04	47.49	0.892763731	1.009363085	0	-0.057529	No
<i>IGF2BP1</i>	6.7	8.03	11.82	13.15	1.172727273	1.103827713	0.0540256	0	No
<i>CBR1</i>	0.76	1.05	0.14	0.16	1.164772727	1.015642821	0.0301074	0	No
<i>CBR3</i>	0.11	0.67	<0.1	NA	1.504504505	NA	1.85066	NA	No
<i>TUBBP5</i>	1.33	1.44	2.08	2.36	1.0472103	1.090943268	0	0	No
<i>MORC3</i>	9.52	10.91	33.03	34.52	1.132129278	1.04388678	0	0	No
<i>CHAF1B</i>	6.59	5.49	14.77	12.94	0.855072464	0.884256822	-0.0438059	-0.2581	No
<i>SIM2</i>	2.05	2.33	4.77	4.97	1.091803279	1.034902615	0	0	No
<i>HLCS</i>	16.17	12.5	<0.1	NA	0.786255096	NA	-0.242137	NA	No
<i>ARHGAP27</i>	5.64	8.49	4.95	6.87	1.429216867	1.322570877	0.327541	0.0797875	No
<i>ADPGK</i>	2.13	2.57	4.57	6.14	1.14057508	1.28267525	1.36E-05	0	No
<i>PTMS</i>	21.72	23.36	26.34	36.53	1.072183099	1.372687084	0.0144178	0.240488	No
<i>PLA2G4D</i>	123.42	84.21	141.90	172.25	0.68485774	1.212402981	-0.496807	0.107434	No
<i>PADI4</i>	6.16	7.9	0.81	0.86	1.24301676	1.028150911	0.113272	0	No
<i>ADIPOR1</i>	80.95	71.13	162.58	154.23	0.880170836	0.948966824	-0.106975	-0.162768	No
<i>CYB5R1</i>	61.55	66.39	27.61	28.51	1.077378098	1.031496339	0.0487491	-0.0028958	No
<i>PSMD4</i>	3.98	5.6	10.35	11.39	1.325301205	1.092031808	0.265687	0	No
<i>ATP13A2</i>	6.74	11.47	18.78	22.66	1.611111111	1.196220047	0.526177	0	No
<i>PSMB4</i>	40.4	31.35	100.96	102.16	0.781400966	1.011724418	-0.27865	-0.0818462	No
<i>IRX6</i>	0.23	3.81	9.01	10.67	3.910569106	1.165460999	3.33769	0	No

<i>BTG2</i>	58.68	47.18	84.36	79.53	0.80730563	0.9434611	-0.263457	-0.154973	No
<i>HK2</i>	20.45	20.72	38.45	40.77	1.012587413	1.058928545	0	0	No
<i>C1R</i>	0.69	1.24	1.88	2.60	1.325443787	1.250142436	0.145523	0	No
<i>ALDH4A1</i>	2.15	3.54	3.92	4.79	1.441269841	1.177692858	0.439174	0.0505157	No
<i>THEM4</i>	12.14	13.58	22.97	23.90	1.109589041	1.038944581	0.0503504	-0.0019206	No
<i>UBR1</i>	0.37	0.9	0.60	0.74	1.386861314	1.089151627	0.762165	0	No
<i>AMFR</i>	1.81	2.16	4.77	5.19	1.12455516	1.071970555	0	0	No
<i>MED8</i>	0.15	0.43	52.90	56.87	1.243478261	1.073688419	0.559828	0	No
<i>PGLYRP3</i>	0.8	0.92	6.32	7.54	1.066666667	1.166895909	0	0	No
<i>ISL2</i>	148.21	113.18	69.27	73.86	0.765230212	1.065361857	-0.335711	0	No
<i>RSPRY1</i>	0.53	1.02	2.16	1.72	1.320261438	0.859395068	0.295118	-0.201544	No
<i>CCDC17</i>	3.57	3.43	7.58	6.45	0.969365427	0.867730164	0	-0.17295	No
<i>GPBP1L1</i>	1.01	1.13	2.60	3.19	1.059701493	1.165273336	0	0	No
<i>NAE1</i>	2.32	3	2.65	3.01	1.204819277	1.099174666	0.123149	0	No
<i>TMEM69</i>	7.23	6.28	4.07	3.57	0.884568651	0.900917714	0	-0.0797574	No
<i>ACE</i>	0.16	0.65	0.80	0.68	1.422413793	0.930910786	0.4024	0	No
<i>EFCAB14</i>	0.14	0.19	<0.1	NA	1.043859649	NA	0	NA	No
<i>CHCHD6</i>	10.96	9.14	11.83	11.45	0.847826087	0.970369283	-0.101955	0	No
<i>CTBP1</i>	0.68	0.9	3.42	3.78	1.130952381	1.080988995	0.0546697	0	No
<i>TPPP3</i>	0.94	3.45	2.82	4.21	2.293814433	1.363732687	1.57017	0.304816	No
<i>ZDHHC1</i>	1.97	2	3.34	3.45	1.01010101	1.026428021	0	0	No
<i>ATP6V0D1</i>	1.93	3.77	6.98	7.61	1.627986348	1.079039459	0.558939	0	No
<i>ZFYVE28</i>	48.01	56.07	25.55	27.29	1.164456233	1.06565064	0.103309	0	No
<i>CARMIL2</i>	1.29	1.4	0.89	1.09	1.048034934	1.10575306	0	0	No
<i>C16orf86</i>	1.84	2.1	2.58	3.06	1.091549296	1.134822991	0	0	No
<i>FAM131B</i>	1.31	1.63	12.11	12.42	1.138528139	1.023861296	0	0	No
<i>RGS12</i>	1.89	1.42	27.64	26.34	0.837370242	0.954766454	0	0	No
<i>PSKH1</i>	14.3	15.1	29.08	30.99	1.052287582	1.063443671	0	0	No
<i>ZYX</i>	0.13	0.13	<0.1	NA	1	NA	0	NA	No
<i>ABR</i>	3.25	4.13	7.69	7.78	1.207058824	1.010339043	0.121351	0	No
<i>LYPD5</i>	0.17	0.33	0.12	0.08	1.136752137	0.961852288	0	0	No
<i>CCDC117</i>	1.26	1.69	1.96	2.47	1.190265487	1.173336808	0.190487	0.0299668	No
<i>ZNF230</i>	3.39	3.7	4.01	4.57	1.070615034	1.11199435	0	0	No
<i>CCDC107</i>	7.31	7.92	5.58	5.98	1.073405535	1.060509908	0	0	No
<i>ZNF222</i>	3.96	4.13	<0.1	NA	1.034274194	NA	0	NA	No
<i>NPR2</i>	0.12	0.02	1.28	1.08	0.910714286	0.91344998	0	0	No
<i>ZNF890P</i>	0.81	1.76	1.09	1.17	1.524861878	1.04042768	0.665136	0	No
<i>GNE</i>	7.81	7.47	20.38	20.67	0.961407491	1.013723413	0	-0.0271816	No

<i>TNFRSF13C</i>	9.38	6.18	21.51	22.54	0.691714836	1.045814977	-0.41572	0	No
<i>ARHGAP35</i>	19.36	27.04	38.94	46.39	1.377210216	1.186585783	0.243162	0	No
<i>CALM3</i>	4.52	5.18	3.34	4.57	1.119565217	1.283646243	0.00780358	0.219606	No
<i>DFFA</i>	3.45	3.48	5.33	6.09	1.006741573	1.120489204	0	0	No
<i>CCDC28B</i>	31.76	19.62	28.24	29.49	0.629426129	1.042740461	-0.569037	0	No
<i>IQCC</i>	1.84	1.98	1.01	1.28	1.049295775	1.135480394	0	0	No
<i>TMEM234</i>	0.7	0.39	<0.1	NA	0.817647059	NA	-0.0223926	NA	No
<i>BSDC1</i>	1.67	1.61	5.15	4.65	0.97752809	0.918299457	0	-0.192202	No
<i>ZBTB8A</i>	0.68	0.93	2.58	3.34	1.148809524	1.212279824	0	0	No
<i>ATAD3B</i>	3.18	3.7	14.41	12.68	1.124401914	0.887996044	0	-0.188374	No
<i>SSU72</i>	2.06	3.42	12.60	12.87	1.444444444	1.020012554	0.449232	0	No
<i>UBE2J2</i>	54.23	66.76	168.83	169.89	1.226869455	1.006234243	0.222388	-0.0776526	No
<i>ZNF362</i>	1.66	1.94	1.03	1.26	1.105263158	1.115108581	0	0	No
<i>FNDC5</i>	2.69	3.33	4.37	4.41	1.173441734	1.007492688	0.077343	-0.0092674	No
<i>CPAMD8</i>	2.48	4	0.62	0.78	1.436781609	1.101666469	0.483346	0	No
<i>NR2F6</i>	6.69	5.92	17.03	16.85	0.899869961	0.99026562	0	-0.056135	No
<i>CCDC58</i>	2.04	1.81	5.99	4.95	0.924342105	0.851869148	0	-0.0945977	No
<i>VMA21</i>	1.92	3.92	6.11	6.41	1.684931507	1.042475972	0.639392	0	No
<i>CILP2</i>	20.92	15.79	37.24	33.77	0.765967153	0.909180424	-0.310043	-0.183525	No
<i>FAM86C2P</i>	2.09	2.92	3.28	5.18	1.268608414	1.443911381	0	0.0191173	No
<i>ABCG1</i>	0.35	0.54	7.91	9.10	1.140740741	1.13317525	0.0451313	0	No
<i>TFF2</i>	11.41	13.54	<0.1	NA	1.171635778	NA	0.0782076	NA	No
<i>TMPRSS3</i>	0.24	0.63	<0.1	NA	1.314516129	NA	0.568109	NA	No
<i>SLC37A1</i>	103.88	95.14	<0.1	NA	0.916666667	NA	-0.0814824	NA	No
<i>PDE9A</i>	7.07	6.5	0.35	0.59	0.92936803	1.174276237	0	0	No
<i>WDR4</i>	11.71	8.4	52.71	61.71	0.739575138	1.167599098	-0.381844	0.0480802	No
<i>NDUFV3</i>	9.97	8.42	15.13	14.61	0.858705561	0.968045691	0	-0.0501923	No
<i>PKNOX1</i>	17.25	26.81	108.41	100.70	1.523835616	0.929513535	0.539429	-0.186073	No
<i>CBS</i>	339.69	200.4	1780.62	1779.06	0.591153248	0.999122501	-0.726729	-0.108269	No
<i>U2AF1</i>	0.71	2.05	46.86	49.43	1.783625731	1.053619373	1.14724	0	No
<i>HSF2BP</i>	4.15	6.1	8.35	9.34	1.378640777	1.106176329	0.318754	0	No
<i>RRP1B</i>	16.59	21.73	28.54	29.60	1.292211484	1.035836854	0.268458	-0.0503414	No
<i>PDXK</i>	1171.56	647.86	875.16	842.43	0.553370403	0.962647005	-0.838435	-0.110498	No
<i>G6PD</i>	0.5	0.95	2.07	2.11	1.3	1.013677736	0.264735	-0.128772	No
<i>CSTB</i>	0.62	6.25	<0.1	NA	4.475308642	NA	2.83722	NA	No
<i>RRP1</i>	20.03	19.69	11.64	18.25	0.98383262	1.522608878	0	0.398692	No
<i>AGPAT3</i>	8.24	7	16.24	14.00	0.865800866	0.870117537	-0.0488388	-0.242649	No
<i>TRAPPC10</i>	5.91	6.5	7.14	8.28	1.085383502	1.14022321	0	0	No

<i>GATD3A</i>	10.55	9.66	5.72	7.13	0.922943723	1.209399769	-0.0176303	0.0704074	No
<i>CFAP410</i>	98.31	95.87	26.37	29.68	0.97543047	1.121048287	0	0	No
<i>LRRC3</i>	35.15	42.24	38.25	39.78	1.196127248	1.03903282	0.189326	-0.0188071	No
<i>ITGB2</i>	13.36	18.75	9.88	12.44	1.375348189	1.234893504	0.28655	0.0238413	No
<i>FAM207A</i>	36.58	32.7	22.86	23.22	0.896753592	1.015141847	-0.0662686	0	No
<i>RALGDS</i>	19.76	16.82	33.20	34.77	0.858381503	1.046014479	-0.104009	0	No
<i>SPATC1L</i>	0.26	0.35	1.56	1.61	1.071428571	1.019749827	0.0679483	0	No
<i>LSS</i>	2.38	3.73	1.25	1.53	1.399408284	1.125270575	0.406458	0	No
<i>VAV2</i>	5.43	5.05	6.56	8.42	0.940902022	1.246088486	0	0.10761	No
<i>MCM3AP</i>	0.12	0.18	<0.1	NA	1.053571429	NA	0	NA	No
<i>C21orf58</i>	8.27	8.62	13.33	15.68	1.037756203	1.164201567	0	0	No
<i>PCNT</i>	5.93	7.21	33.59	36.20	1.184704185	1.075355517	0.161815	0	No
<i>DIP2A</i>	12.75	12.06	0.23	0.30	0.949818182	1.054138567	0	0	No
<i>PRMT2</i>	2.35	2.85	7.28	6.92	1.149253731	0.956426967	0	-0.021621	No
<i>CLDND2</i>	3.51	4.53	7.32	8.76	1.22616408	1.172692604	0.182148	0	No
<i>ADAMTS13</i>	4.28	3.27	<0.1	NA	0.808712121	NA	-0.132786	NA	No
<i>CACFD1</i>	23.24	36.77	36.46	42.47	1.558168317	1.160477396	0.584573	0.0146532	No
<i>SLC2A6</i>	7.74	6.69	0.37	0.27	0.8798627	0.926766691	-0.0594761	-0.148196	No
<i>ZNF761</i>	9.08	9.69	14.25	14.02	1.060515873	0.9851047	0	0	No
<i>C9orf116</i>	3.28	5.16	6.35	6.11	1.439252336	0.967847785	0.386984	-0.0288673	No
<i>ZNF714</i>	13.98	15.24	36.63	34.19	1.08411215	0.935099923	0	-0.0958413	No
<i>GPSM1</i>	17.61	18.11	62.19	56.24	1.026867276	0.905783063	0	-0.245817	No
<i>C19orf47</i>	0.87	1.14	2.84	3.95	1.144385027	1.289650079	0.0171672	0	No
<i>CFAP157</i>	6.92	8.47	11.79	13.29	1.195707071	1.117223026	0.145882	0	No
<i>TOR2A</i>	11.96	9.1	<0.1	NA	0.779320988	NA	-0.195627	NA	No
<i>ST6GALNAC6</i>	2.64	3.83	8.96	10.30	1.326923077	1.134343916	0.22777	0	No
<i>SHKBP1</i>	10.37	11.34	27.58	29.52	1.085312225	1.067887114	0	0	No
<i>RDH13</i>	2.34	2.91	2.71	2.87	1.170658683	1.044057048	0.102998	0	No
<i>ZER1</i>	4.25	2.88	3.13	3.60	0.739047619	1.114564128	-0.343987	0	No
<i>ZDHHC12</i>	0.97	1.63	8.45	6.72	1.335025381	0.817341614	0.229757	-0.338866	No
<i>PKN3</i>	1.05	0.77	6.43	6.96	0.863414634	1.071052586	0	0	No
<i>SPTBN4</i>	10.8	14.19	27.94	26.27	1.287288136	0.942368824	0.245092	-0.0762894	No
<i>BRSK1</i>	6.7	5.79	17.93	15.78	0.881818182	0.886513155	0	-0.14892	No
<i>COX6B2</i>	104.93	82.79	75.75	82.79	0.790994053	1.09172085	-0.295869	0	No
<i>TMEM190</i>	10.34	11.85	18.95	17.93	1.133156966	0.948892002	0.0631855	-0.166696	No
<i>TAOK1</i>	9.91	9.83	33.94	33.97	0.992667278	1.000715643	0	0	No
<i>MED27</i>	8.39	8.6	17.78	18.69	1.022364217	1.048276543	0	0	No
<i>DEDD2</i>	77.66	44.11	61.63	53.06	0.573480803	0.863154188	-0.753014	-0.249076	No

<i>SIK3</i>	0.72	0.42	<0.1	NA	0.825581395	NA	0	NA	No
<i>MPZL3</i>	0.5	0.68	2.06	2.80	1.12	1.241243875	0	0	No
<i>NEK8</i>	4.82	7.95	21.13	20.96	1.537800687	0.992102397	0.485027	0	No
<i>TLCD1</i>	7.41	9.47	0.12	0.27	1.244946492	1.138000867	0.209744	0.202712	No
<i>PCSK7</i>	2.37	3.82	1.56	1.79	1.430267062	1.090818236	0.427521	0	No
<i>SAFB</i>	3.26	5.57	6.31	7.70	1.542253521	1.189731343	0.668072	0.0824063	No
<i>S100A1</i>	0.86	0.99	2.36	3.10	1.069892473	1.218872541	0	0	No
<i>CHTOP</i>	3.15	2.62	0.74	0.80	0.872289157	1.033265231	-0.0495286	0	No
<i>ZBTB7B</i>	2.18	5.81	0.20	0.12	2.141509434	0.933817733	0.867823	0	No
<i>FLAD1</i>	6.94	8.01	<0.1	NA	1.134760705	NA	0	NA	No
<i>SHC1</i>	0.21	0.38	0.58	0.60	1.140495868	1.010741221	0.0190959	0	No
<i>VPS11</i>	3.89	5.14	<0.1	NA	1.255623722	NA	0.145567	NA	No
<i>NLRX1</i>	1.47	1.94	27.68	27.61	1.190283401	0.997684123	0.132617	-0.051775	No
<i>ADAR</i>	10.71	9.68	33.15	34.45	0.912040991	1.038164971	0	0	No
<i>IL6R</i>	3.04	1.6	24.22	26.81	0.643564356	1.102572398	-0.754626	0	No
<i>UBE2Q1</i>	2.94	5.78	8.72	9.91	1.720812183	1.122543054	0.79699	0	No
<i>CRTC2</i>	0.21	0.13	<0.1	NA	0.933884298	NA	0	NA	No
<i>ANO10</i>	3.1	4.35	15.55	21.55	1.304878049	1.362468006	0.238095	0.273782	No
<i>FDPS</i>	6.41	3.37	3.03	3.85	0.58974359	1.203760598	-0.727036	0.0186771	No
<i>RUSC1</i>	2.91	21.91	105.33	110.42	5.859335038	1.047882855	2.68259	-0.0274224	No
<i>GBAP1</i>	1.84	1.98	6.06	6.06	1.049295775	0.999921375	0	-0.0262463	No
<i>FAM189B</i>	4.84	4.29	6.59	7.67	0.905821918	1.142422117	0	0	No
<i>PAQR6</i>	53.12	53.78	36.75	34.04	1.012195122	0.928176381	0	-0.118088	No
<i>PMF1</i>	0.15	0.28	<0.1	NA	1.113043478	NA	0	NA	No
<i>SLC25A44</i>	0.23	0.23	0.27	0.87	1	1.469395877	0	0	No
<i>LMNA</i>	16.33	9.78	10.19	12.83	0.622042701	1.235825221	-0.526923	0.0542449	No
<i>NBEAL2</i>	0.11	0.08	0.76	2.29	0.972972973	1.867336738	0	0.145858	No
<i>CCDC12</i>	6.98	8.45	10.43	10.71	1.184210526	1.024604587	0.0871346	-0.0779371	No
<i>UBQLN4</i>	2.09	4.55	17.47	17.51	1.796116505	1.001994053	0.916309	-0.0980851	No
<i>PPP1R35</i>	3.16	2.72	<0.1	NA	0.894230769	NA	0	NA	No
<i>GPATCH4</i>	11.32	12.41	3.40	4.44	1.088474026	1.235289264	0	0	No
<i>LRRC71</i>	2.84	2.54	2.98	3.05	0.921875	1.017732625	0	0	No
<i>AZGP1</i>	0.23	0.25	<0.1	NA	1.016260163	NA	0	NA	No
<i>FGFR4</i>	3.95	5.04	4.27	4.36	1.22020202	1.017055151	0.157046	0	No
<i>NACC1</i>	39.59	35.48	42.48	38.80	0.898743533	0.915279335	-0.0503945	-0.134893	No
<i>LY6K</i>	0.69	1.59	1.02	1.29	1.532544379	1.134260965	0.733352	0	No
<i>IER2</i>	15.5	13.28	7.24	7.43	0.865454545	1.022895183	-0.126519	0	No
<i>ZNF394</i>	4.89	5.58	13.33	12.86	1.117147708	0.966899902	0.0154894	-0.0759827	No

<i>CPSF4</i>	13.54	14.91	<0.1	NA	1.094222834	NA	0.0250905	NA	No
<i>LY6E</i>	81.4	23.83	9.52	9.00	0.301334951	0.950277177	-1.68957	-0.0447464	No
<i>VPS28</i>	3.33	3.17	<0.1	NA	0.963048499	NA	0	NA	No
<i>TONSL</i>	1.37	1.45	8.60	9.77	1.033755274	1.12238822	0	0	No
<i>PTGER1</i>	11.99	15.63	17.55	17.28	1.28021555	0.985252409	0.249596	-0.0487414	No
<i>PWWP3A</i>	0.23	0.35	0.11	0.19	1.097560976	1.074137037	0	0	No
<i>RECQL4</i>	73.59	64.06	68.35	68.49	0.872234884	1.002086698	-0.113858	-0.0357079	No
<i>LRRC14</i>	6.98	5.75	11.33	11.54	0.845864662	1.016890883	-0.108341	0	No
<i>ZNF333</i>	0.31	1.84	<0.1	NA	2.167938931	NA	1.85508	NA	No
<i>PPP1R16A</i>	2.73	3.36	2.60	3.71	1.168900804	1.308881443	0.0870873	0.184605	No
<i>FOXH1</i>	1.34	2.23	2.32	2.41	1.38034188	1.028368664	0.499079	0	No
<i>ORA12</i>	16.66	15.15	72.74	79.85	0.914496036	1.096486741	-0.0392943	0	No
<i>ALKBH4</i>	0.19	0.43	<0.1	NA	1.201680672	NA	0	NA	No
<i>SH2B2</i>	4.69	11.15	<0.1	NA	2.135325132	NA	1.1487	NA	No
<i>MRNIP</i>	3.97	3.52	5.70	6.08	0.90945674	1.05683191	0	0	No
<i>SQSTM1</i>	3.69	4.41	<0.1	NA	1.153518124	NA	0.00734344	NA	No
<i>MGAT4B</i>	0.15	0.18	<0.1	NA	1.026086957	NA	0	NA	No
<i>RPL8</i>	0.41	0.33	0.13	0.21	0.943262411	1.069459599	0	-0.101051	No
<i>MAML1</i>	0.49	0.83	1.28	1.45	1.228187919	1.076742509	0.422556	0	No
<i>LRWD1</i>	0.22	0.73	<0.1	NA	1.418032787	NA	0.894018	NA	No
<i>FBXL13</i>	35.9	23.95	24.24	27.77	0.676151762	1.139948264	-0.438338	0	No
<i>NAPEPLD</i>	0.49	0.38	0.91	1.15	0.926174497	1.124762613	0	0	No
<i>SCGB3A1</i>	1.71	1.99	0.89	1.31	1.103321033	1.220269414	0	0.0291111	No
<i>PSMC2</i>	2.88	2.21	2.22	2.18	0.827319588	0.986744044	-0.153241	-0.0509955	No
<i>MFSD12</i>	6.79	11.79	0.87	0.95	1.641848524	1.042379913	0.649961	0	No
<i>YDJC</i>	0.74	2.05	<0.1	NA	1.752873563	NA	1.04485	NA	No
<i>DVL3</i>	5.74	4.79	5.65	6.16	0.859050445	1.076983447	-0.0759283	0	No
<i>AP2M1</i>	1.19	0.94	<0.1	NA	0.885844749	NA	0	NA	No
<i>ABCF3</i>	5.01	4.66	4.97	5.03	0.941763727	1.009970586	0	0	No
<i>PCYT1A</i>	11.39	11.83	<0.1	NA	1.03551251	NA	0	NA	No
<i>FBXO27</i>	8.96	5.62	13.20	13.83	0.664658635	1.044206592	-0.487228	0	No
<i>DMKN</i>	0.15	0.26	<0.1	NA	1.095652174	NA	0	NA	No
<i>U2AF1L4</i>	2.32	3.1	6.37	6.76	1.234939759	1.052827204	0.146341	0	No
<i>BDH1</i>	10.23	12.11	14.95	14.35	1.167408727	0.962563835	0.0740729	-0.014996	No
<i>NPHS1</i>	21.88	25.73	27.54	27.33	1.168269231	0.99256825	0.139395	-0.0046822	No
<i>THAP8</i>	1.07	2.05	3.28	3.01	1.473429952	0.936623678	0.580464	0	No
<i>ZNF382</i>	7.4	6.71	34.21	28.22	0.917857143	0.829880036	0	-0.352489	No
<i>LRRC56</i>	10.63	16.35	21.30	21.29	1.49183147	0.999570323	0.518339	-0.0056875	No

<i>PGAP3</i>	9.19	11.86	16.62	19.28	1.26202159	1.150919439	0.221522	0	No
<i>FDXR</i>	7.43	10.58	2.85	1.76	1.37366548	0.71597427	0.197189	-0.220228	No
<i>SAP30BP</i>	0.3	0.23	0.40	0.79	0.946153846	1.276215539	0	0.189419	No
<i>ACOX1</i>	2.16	2.38	3.70	3.72	1.069620253	1.004886819	0	0	No
<i>PRPSAP1</i>	0.2	0.47	<0.1	NA	1.225	NA	0.273607	NA	No
<i>CYGB</i>	0.17	0.69	<0.1	NA	1.444444444	NA	0.790937	NA	No
<i>SRSF2</i>	4.89	4.68	<0.1	NA	0.96434635	NA	0	NA	No
<i>ZNF577</i>	27.16	23.98	28.59	34.24	0.887073864	1.190907997	-0.0451583	0.0216229	No
<i>TMEM143</i>	0.17	1.16	7.41	6.58	1.846153846	0.901709875	1.13619	-0.0397947	No
<i>KASH5</i>	0.92	2.08	<0.1	NA	1.604166667	NA	0.691771	NA	No
<i>ALDH16A1</i>	8.25	11.08	37.67	37.73	1.305945946	1.001589439	0.260924	0	No
<i>ITGA5</i>	2.25	4.51	1.46	1.94	1.695384615	1.194158255	0.753547	0	No
<i>ZNF385A</i>	0.68	1.79	0.16	0.57	1.660714286	1.351515413	0.880885	0.359747	No
<i>MPP3</i>	0.7	1.92	1.52	1.58	1.717647059	1.024188314	0.745321	0	No
<i>IZUMO2</i>	31.09	32.26	13.44	13.42	1.036459956	0.998844132	0	0	No
<i>NAGS</i>	27.88	23.02	10.46	12.62	0.831717452	1.188633061	-0.13533	0	No
<i>LSM12</i>	5.18	8.41	<0.1	NA	1.522653722	NA	0.454582	NA	No
<i>ASB16</i>	3.24	6.92	<0.1	NA	1.867924528	NA	0.881752	NA	No
<i>EMC10</i>	3.33	3.34	3.72	4.20	1.002309469	1.100918649	0	0	No
<i>JOSD2</i>	15.18	20.78	3.94	3.59	1.346106304	0.929913827	0.336734	-0.0722644	No
<i>FAM171A2</i>	3.48	3.78	3.40	3.87	1.066964286	1.106246695	0	0	No
<i>DBF4B</i>	0.84	1.55	3.03	2.98	1.385869565	0.988121286	0.418343	0	No
<i>PLCD3</i>	2.74	3.05	3.60	4.34	1.082887701	1.161710232	0	0	No
<i>FMNL3</i>	2.49	2.33	12.13	14.09	0.954154728	1.149545433	0	0	No
<i>RACGAP1</i>	37.89	34.13	32.96	32.62	0.903317048	0.989938886	-0.0738299	-0.0979146	No
<i>LARP4</i>	10.49	11.7	9.07	11.09	1.105308964	1.2010108	0	0	No
<i>RAVER1</i>	0.26	0.87	0.97	0.90	1.484126984	0.966480419	1.18943	0	No
<i>SYCE2</i>	1.18	2.5	3.50	4.40	1.605504587	1.200358175	0.657414	0	No
<i>SPC24</i>	5.95	17.73	<0.1	NA	2.694964029	NA	1.3388	NA	No
<i>LEMD2</i>	4.22	8.1	3.25	3.29	1.743295019	1.01017803	0.760673	0	No
<i>ALOX15</i>	5.78	7.81	4.84	5.27	1.299410029	1.073669389	0.28463	0	No
<i>ADCY10P1</i>	2.67	6.65	8.14	7.33	2.084468665	0.911365056	1.04173	-0.19945	No
<i>ZNF653</i>	2.37	2.85	0.10	0.12	1.142433234	1.022360654	0	0	No
<i>MED11</i>	1.56	1.64	0.51	0.61	1.03125	1.064651829	0	0	No
<i>CXCL16</i>	5.15	3.82	<0.1	NA	0.783739837	NA	-0.119807	NA	No
<i>ASEK-C17or</i>	0.22	0.33	<0.1	NA	1.090163934	NA	0.165911	NA	No
<i>TNFSF13</i>	29.83	48.62	<0.1	NA	1.609471294	NA	0.511695	NA	No
<i>SENP3</i>	6.73	8.54	10.11	9.52	1.234152652	0.946652736	0.126154	-0.0896576	No

<i>EIF4A1</i>	1.38	13.28	<0.1	NA	6	NA	2.79799	NA	No
<i>RPL26</i>	2.58	2.39	22.82	31.15	0.946927374	1.349549831	0	0.0197017	No
<i>POLR3K</i>	6.56	8.07	28.01	33.73	1.19973545	1.19712411	0.154169	0.0543962	No
<i>SNRNP25</i>	0.14	0.27	0.21	0.38	1.114035088	1.144554956	0	0	No
<i>WDR90</i>	17.91	28.34	37.61	32.94	1.551560021	0.879048102	0.520083	-0.296582	No
<i>JMJD8</i>	2.39	2.71	3.59	3.86	1.09439528	1.059609971	0	0	No
<i>CCDC78</i>	2.83	2.48	1.80	2.22	0.908616188	1.150095281	0	0	No
<i>MSLNL</i>	59.94	41.04	17.03	19.13	0.689858878	1.116421717	-0.474136	0	No
<i>SSTR5</i>	9.06	12.52	6.00	6.28	1.343936382	1.03989334	0.30374	0	No
<i>SPSB3</i>	2.63	3.25	<0.1	NA	1.170798898	NA	0	NA	No
<i>HS3ST6</i>	0.29	1.71	31.22	42.69	2.100775194	1.355966606	1.75879	0.136511	No
<i>TEDC2</i>	0.13	0.72	<0.1	NA	1.522123894	NA	0.904156	NA	No
<i>CCNF</i>	6.86	6.56	22.39	26.35	0.961832061	1.169095509	0	0	No
<i>TBC1D24</i>	15.73	13.36	39.51	39.17	0.858338314	0.991488665	-0.13748	-0.0333602	No
<i>AMDHD2</i>	7.22	5.25	17.76	22.88	0.760340633	1.273183542	-0.219284	0.107034	No
<i>BICDL2</i>	1.9	3.8	7.66	8.51	1.655172414	1.098492742	0.779825	0	No
<i>PAQR4</i>	32.34	25.08	32.88	31.52	0.782243551	0.959779491	-0.260662	-0.110711	No
<i>FLYWCH2</i>	28.72	23.41	27.95	28.63	0.821332436	1.023329615	-0.200348	-0.0461061	No
<i>ZG16B</i>	8.43	4.8	6.56	6.90	0.615058324	1.044571112	-0.595885	0	No
<i>ZNF75A</i>	1.91	2.16	<0.1	NA	1.085910653	NA	0	NA	No
<i>ADCY9</i>	11.53	11.33	23.21	26.13	0.984038308	1.120533235	0	0	No
<i>SHANK2</i>	1.33	1.75	1.09	1.10	1.180257511	1.005436697	0.0126055	0	No
<i>CLPB</i>	527.95	497.54	477.20	446.89	0.942508744	0.936614629	-0.0533856	-0.191008	No
<i>NEU3</i>	2.14	3.59	3.53	4.31	1.461783439	1.171859385	0.556577	0.025914	No
<i>CYB561A3</i>	4.69	10.06	7.96	8.44	1.943760984	1.053656347	0.878627	0	No
<i>PPP1R32</i>	61.02	50.04	55.08	57.35	0.822960335	1.040444087	-0.123659	0	No
<i>ASRGL1</i>	9.97	12.91	41.23	37.50	1.268003646	0.911722764	0.216804	-0.206405	No
<i>GNG3</i>	54.67	46.1	7.36	8.10	0.846057122	1.089114748	-0.162306	0	No
<i>UBXN1</i>	40.23	46.5	8.96	11.44	1.152073733	1.249125605	0.134501	0.108753	No
<i>LBHD1</i>	55.18	47.75	50.13	60.20	0.867746529	1.196870482	-0.108177	0.00497642	No
<i>TTC9C</i>	0.27	1.87	<0.1	NA	2.25984252	NA	2.16025	NA	No
<i>TAF6L</i>	9.05	10.75	9.43	10.22	1.169154229	1.076214891	0.0255601	0	No
<i>NXF1</i>	13.67	16	18.32	20.43	1.158827539	1.109248198	0.0809053	0	No
<i>STX5</i>	21.89	20.56	21.06	23.86	0.941896024	1.12686065	0	0	No
<i>SLC25A45</i>	3.84	4.09	25.29	23.01	1.051652893	0.913218954	0	-0.0295905	No
<i>RPL29</i>	1.81	2.04	1.32	0.91	1.081850534	0.822183499	0	0	No
<i>SYVN1</i>	86.19	136.3	7.02	8.07	1.574721872	1.130329232	0.543398	0	No
<i>ZFPL1</i>	12.64	20.52	15.56	12.74	1.57771261	0.829737608	0.57245	-0.303153	No

<i>RPS6KA4</i>	21.59	14.3	44.45	40.94	0.677290837	0.922772621	-0.460013	-0.163242	No
<i>LRP5</i>	2.82	1.95	<0.1	NA	0.772251309	NA	-0.194669	NA	No
<i>TPCN2</i>	6.94	6.52	21.56	22.42	0.947103275	1.037930447	0	-0.0119605	No
<i>FGF19</i>	33.85	25.84	133.77	133.94	0.770157819	1.001240652	-0.283628	-0.0535061	No
<i>PDZK1IP1</i>	8.04	10.42	18.63	22.57	1.263274336	1.200567107	0.172957	0.0417064	No
<i>CMPK1</i>	10.27	11.15	71.80	74.57	1.078083407	1.038115702	0	-0.0374343	No
<i>COA7</i>	0.57	0.87	0.77	0.91	1.191082803	1.077510369	0.105812	0	No
<i>ZYG11B</i>	10.6	12.54	22.15	22.44	1.167241379	1.01236706	0.110343	-0.0194539	No
<i>CZIB</i>	0.21	0.32	3.88	3.87	1.090909091	0.998692919	0	-0.0377597	No
<i>MAGOH</i>	1.58	1.98	6.13	6.49	1.15503876	1.049913147	0.135371	0	No
<i>ACOT11</i>	12.78	13.21	22.42	24.55	1.031204644	1.091029645	0	0	No
<i>FAM151A</i>	6.98	5.88	22.59	23.88	0.862155388	1.054716664	-0.0122791	0	No
<i>PARS2</i>	79.69	65.23	115.28	105.68	0.820795638	0.917468258	-0.217391	-0.223587	No
<i>LEXM</i>	0.82	1.06	<0.1	NA	1.131868132	NA	0	NA	No
<i>USP24</i>	0.96	1.11	2.27	2.66	1.076530612	1.119055243	0	0	No
<i>PLPP3</i>	2.35	2.5	10.56	12.68	1.044776119	1.183674321	0	0.00689402	No
<i>NOL9</i>	27.74	15.63	24.97	22.47	0.578636047	0.903609728	-0.680759	-0.238724	No
<i>KLHL21</i>	11.8	14.36	32.37	31.07	1.2	0.961192458	0.173421	-0.113269	No
<i>GMEB1</i>	10.88	14.1	34.54	39.46	1.271043771	1.138428112	0.28688	0	No
<i>SLC45A1</i>	16.19	20.21	12.05	15.46	1.233856894	1.260938674	0.18253	0.0700516	No
<i>SELENON</i>	0.25	0.5	0.15	0.56	1.2	1.360765094	0.169947	1.11588	No
<i>AK4</i>	30.64	49.62	<0.1	NA	1.599873578	NA	0.596766	NA	No
<i>JAK1</i>	0.61	1.21	<0.1	NA	1.372670807	NA	0.548866	NA	No
<i>RAVER2</i>	4.38	2.64	<0.1	NA	0.676579926	NA	-0.387137	NA	No
<i>LZIC</i>	33.55	27.28	<0.1	NA	0.818523878	NA	-0.17469	NA	No
<i>RBP7</i>	9.29	6.2	10.50	10.90	0.699708455	1.034505438	-0.430185	0	No
<i>FBLIM1</i>	27.99	36.59	30.77	39.38	1.296654019	1.270906277	0.305158	0.13337	No
<i>SLC25A34</i>	2.03	2.21	3.06	4.69	1.059405941	1.400284638	0	0.0944829	No
<i>DHRS3</i>	17.04	19.39	51.32	53.86	1.130266075	1.048572125	0.0714599	0	No
<i>LAPTM5</i>	3.89	6.19	3.80	5.75	1.470347648	1.405583288	0.406147	0.108995	No
<i>SDC3</i>	3.33	4.29	21.99	22.24	1.221709007	1.010818133	0.220445	-0.0698751	No
<i>PEF1</i>	0.44	0.84	1.32	1.26	1.277777778	0.973802211	0.463497	0	No
<i>SYNC</i>	24.72	25.65	<0.1	NA	1.036158631	NA	0	NA	No
<i>RBBP4</i>	7.82	4.87	1.43	2.15	0.66553288	1.296595722	-0.237444	0	No
<i>KIAA1522</i>	4.35	6.05	0.14	0.38	1.317757009	1.212803719	0.186457	0	No
<i>TSSK3</i>	2.09	3.66	5.98	7.84	1.508090615	1.266149909	0.540013	0.0560684	No
<i>TMCO4</i>	4.52	5.97	19.33	18.60	1.262681159	0.964050491	0.187057	-0.0364624	No
<i>CAMK2N1</i>	2.36	2.73	<0.1	NA	1.110119048	NA	0	NA	No

<i>ALPL</i>	1.89	2.22	2.43	2.36	1.114186851	0.980718597	0	-0.0098384	No
<i>WNT4</i>	10.65	14.22	25.40	26.08	1.306437768	1.025697588	0.318855	-0.0550798	No
<i>SCNN1D</i>	7.1	9.46	30.77	37.83	1.291358025	1.222333991	0.25583	0.0292728	No
<i>MXRA8</i>	147.18	99.61	88.60	101.24	0.678971521	1.141067219	-0.480699	0	No
<i>FAAP20</i>	0.14	0.12	<0.1	NA	0.98245614	NA	0	NA	No
<i>MEGF6</i>	0.16	0.63	<0.1	NA	1.405172414	NA	0.424857	NA	No
<i>NFIA</i>	8.68	11.55	16.21	22.30	1.296487603	1.353811547	0.247183	0.17823	No
<i>OMA1</i>	8.14	14.25	7.65	8.56	1.668490153	1.10576329	0.659263	0	No
<i>MYSM1</i>	76.5	67.7	339.96	345.86	0.886451613	1.017289435	-0.0876652	-0.0846399	No
<i>TM2D1</i>	0.76	0.9	0.51	1.22	1.079545455	1.472529436	0	0.496166	No
<i>USP1</i>	6.26	9.55	17.46	24.49	1.453168044	1.381081697	0.36861	0.247291	No
<i>FUBP1</i>	18.37	16.46	12.86	8.47	0.901393908	0.683442542	-0.0506624	-0.622432	No
<i>NEXN</i>	7.03	3.35	0.76	0.79	0.541718555	1.019571724	-0.856162	0	No
<i>DNAJB4</i>	9.04	12.09	8.75	7.33	1.303784861	0.853866347	0.240407	-0.183201	No
<i>TYW3</i>	0.66	0.85	3.60	5.27	1.114457831	1.364025155	0	0.34642	No
<i>SNX7</i>	44.84	57.9	10.32	10.46	1.284904014	1.012345944	0.304366	0	No
<i>FAM102B</i>	21.49	13.25	52.39	54.99	0.63361494	1.048739171	-0.533069	-0.0125763	No
<i>HENMT1</i>	1.53	1.45	9.08	9.72	0.968379447	1.063187197	0	0	No
<i>C1orf52</i>	6.57	9.93	6.47	6.31	1.443857332	0.97859709	0.439107	-0.0942395	No
<i>GBP2</i>	0.18	0.55	0.37	0.54	1.313559322	1.126114257	0.334507	0	No
<i>ATXN7L2</i>	11.61	14.39	27.23	27.17	1.220459952	0.997927657	0.197661	-0.0357967	No
<i>GBP4</i>	11.02	14.56	31.26	33.90	1.294509151	1.081739172	0.260935	0	No
<i>ZNF326</i>	8.17	14.51	47.49	50.06	1.691384951	1.052899243	0.548108	0	No
<i>GFI1</i>	1.63	2.59	0.50	1.18	1.365019011	1.451775607	0.398104	0.539841	No
<i>AGL</i>	5.38	5.11	25.44	26.16	0.957680251	1.027298324	0	-0.0380215	No
<i>EXTL2</i>	18.21	8.41	6.50	4.34	0.489849037	0.712028901	-0.920752	-0.244818	No
<i>SLC30A7</i>	15.54	10.82	144.86	121.55	0.714631197	0.84016731	-0.417215	-0.299974	No
<i>ZNF281</i>	0.53	1.07	<0.1	NA	1.352941176	NA	0.202357	NA	No
<i>ARPC5</i>	1.76	2.4	2.07	1.77	1.231884058	0.903259598	0.0446901	0	No
<i>ZNF496</i>	17.88	16.28	84.84	88.00	0.915254237	1.036789976	-0.0426224	-0.0193668	No
<i>SLAMF9</i>	0.39	0.68	<0.1	NA	1.208633094	NA	0.281235	NA	No
<i>IGSF8</i>	0.36	2.13	<0.1	NA	2.301470588	NA	2.04902	NA	No
<i>PEA15</i>	1.31	2.36	18.19	13.67	1.454545455	0.764651904	0.216515	-0.318759	No
<i>PEX19</i>	0.48	0.77	0.48	0.70	1.195945946	1.146984235	0.12139	0	No
<i>NCSTN</i>	0.57	0.72	2.78	3.65	1.095541401	1.228875367	0	0.0638565	No
<i>VANGL2</i>	17.86	12.56	17.13	15.69	0.718981972	0.920304849	-0.365369	-0.189034	No
<i>FCRLB</i>	4.05	5.89	54.50	53.70	1.364356436	0.985588362	0.396805	0	No
<i>KLHDC9</i>	1.77	13.06	<0.1	NA	5.075812274	NA	2.61893	NA	No

<i>C1orf74</i>	7.17	15.37	7.02	7.42	2.003671971	1.049938563	0.931997	0	No
<i>FLVCR1</i>	0.51	0.76	1.79	2.18	1.165562914	1.139692832	0.00958926	0	No
<i>ATF3</i>	8.35	4.87	8.70	11.12	0.627807487	1.249853103	-0.414473	0	No
<i>RBM15</i>	0.32	1.12	1.46	2.04	1.606060606	1.233907315	0.642697	0	No
<i>DENND2D</i>	0.92	2.19	0.25	0.59	1.661458333	1.274731661	0.803211	0.234631	No
<i>IER5</i>	0.43	0.86	<0.1	NA	1.300699301	NA	0	NA	No
<i>SNED1</i>	17.04	31.98	7.45	7.42	1.828159645	0.996588389	0.812112	0	No
<i>BPNT1</i>	12.98	12.55	15.10	12.13	0.969241774	0.815629353	0	-0.368175	No
<i>C1orf115</i>	82.65	79.02	466.22	451.91	0.956604901	0.969368427	-0.0113417	-0.171034	No
<i>BROX</i>	11.65	19.33	7.70	8.26	1.607114625	1.064761468	0.618423	0	No
<i>ACP6</i>	3.32	2.95	1.76	2.48	0.914351852	1.25923952	0	0	No
<i>MT2P1</i>	3.73	4.55	4.30	4.59	1.173361522	1.055407111	0	0	No
<i>TFB2M</i>	2.57	2.78	6.65	7.10	1.058823529	1.059002366	0	0	No
<i>CNST</i>	12.33	12.71	9.52	10.97	1.028507127	1.137837651	0	0	No
<i>PPP1R21</i>	0.37	0.42	0.37	0.34	1.03649635	0.976939111	0	0	No
<i>PKDCC</i>	5.68	6.73	25.93	25.60	1.157185629	0.987727801	0.086908	-0.093702	No
<i>OXER1</i>	17.52	14.15	76.62	70.06	0.818034557	0.915486174	-0.202075	-0.223155	No
<i>HAAO</i>	13.58	16.73	40.82	45.35	1.216049383	1.108257854	0.170038	0	No
<i>B3GALNT2</i>	9.18	10.54	12.41	12.35	1.133595285	0.995727788	0.00939043	0	No
<i>C1orf147</i>	0.12	2.04	<0.1	NA	2.714285714	NA	2.62523	NA	No
<i>MAPKAPK2</i>	5.93	3.61	0.17	0.32	0.665223665	1.130700346	-0.554698	0	No
<i>IL24</i>	5.42	5.54	13.64	17.33	1.018691589	1.251745757	0	0.00384886	No
<i>FCMR</i>	3.49	5.41	6.89	7.47	1.427616927	1.073172599	0.396387	0	No
<i>PIGR</i>	1.4	6.87	0.44	1.03	3.279166667	1.409768611	1.95534	0.527426	No
<i>CAPN2</i>	0.9	0.82	2.46	2.30	0.957894737	0.953549704	0	0	No
<i>MRPL55</i>	1.34	1.19	<0.1	NA	0.935897436	NA	0	NA	No
<i>OBSCN-AS1</i>	0.54	6.19	<0.1	NA	4.668831169	NA	2.00597	NA	No
<i>WDR26</i>	3.17	3.67	<0.1	NA	1.119904077	NA	0	NA	No
<i>REL</i>	3.95	4.03	8.47	10.46	1.016161616	1.210130816	0	0.0263117	No
<i>PUS10</i>	2.42	1.02	0.15	0.30	0.590643275	1.127321063	-0.848428	0	No
<i>PEX13</i>	6.83	7.66	15.99	14.98	1.106002554	0.940384023	0	-0.0121159	No
<i>KIAA1841</i>	2.92	3.31	20.73	21.52	1.099489796	1.036572515	0	0	No
<i>TRIM17</i>	2.04	2.95	3.27	3.62	1.299342105	1.082538659	0.275768	0	No
<i>MEMO1</i>	0.16	0.07	11.12	8.78	0.922413793	0.807106829	0	-0.229335	No
<i>DPY30</i>	0.29	0.73	2.07	2.59	1.341085271	1.170733728	0.811231	0	No
<i>TYW5</i>	1.26	1.68	0.49	0.24	1.185840708	0.832995006	0	0	No
<i>MAIP1</i>	7.83	9.37	13.17	13.30	1.174405436	1.00945661	0.102821	0	No
<i>SLC66A3</i>	23.07	20.41	18.21	20.21	0.88948899	1.104293622	-0.108277	0	No

ARL5A	41.35	60.61	59.07	61.55	1.454781582	1.041228188	0.468821	-0.0228745	No
CLHC1	106.7	58.85	130.82	140.69	0.555710306	1.074893346	-0.793972	0	No
PRORS1P	8.11	9.42	42.96	42.13	1.143798024	0.981062533	0.0358274	-0.0484017	No
CFAP36	7.71	4.64	30.26	28.77	0.647531573	0.95230388	-0.601618	-0.138689	No
NUP35	2.58	3.41	5.81	6.35	1.231843575	1.079654642	0.216489	0	No
CCDC138	2.76	2.75	<0.1	NA	0.997340426	NA	0	NA	No
FBXO41	2.91	1.98	<0.1	NA	0.762148338	NA	-0.264671	NA	No
WDCP	1.22	1.09	4.88	4.89	0.941441441	1.001587562	0	0	No
SMC6	31.81	25.1	31.22	28.82	0.79548918	0.925559475	-0.166974	-0.0860219	No
CCDC74A	1.75	2.07	10.29	10.28	1.116363636	0.998991232	0	-0.0188913	No
H3-3A	6.21	5.36	10.88	8.72	0.882108183	0.818397855	0	-0.32762	No
COQ8A	28.92	16.05	69.11	52.99	0.569852941	0.770145421	-0.760336	-0.438504	No
SLC16A14	5.32	10.26	18.68	19.73	1.78164557	1.053508463	0.813628	0	No
EN1	3.01	2.48	46.88	48.58	0.867830424	1.035458029	0	-0.0085489	No
SGCB	4.16	5.92	12.26	12.86	1.341085271	1.045329321	0.362791	0	No
SGPP2	2.51	2.76	7.19	7.88	1.071225071	1.084321165	0	0	No
INHBB	8.44	7.5	19.26	19.64	0.900423729	1.018837737	-0.029866	0	No
BBS5	0.88	0.83	5.91	7.16	0.973404255	1.180517788	0	0	No
SMARCAD1	2.31	3.14	2.91	2.67	1.250755287	0.939187566	0.161518	0	No
PDLIM5	7.32	4.1	2.11	3.25	0.612980769	1.366882724	-0.58327	0.162761	No
NEURL3	12.29	31.64	36.71	46.49	2.455981941	1.259302528	1.2252	0.0964584	No
RPRD2	1.76	6.1	1.97	2.39	2.572463768	1.142102361	1.48713	0	No
CTSS	2.18	2.29	2.78	2.26	1.034591195	0.861191574	0	0	No
MSX1	0.79	1.14	0.29	0.35	1.195530726	1.044327087	0.171352	0	No
PACRGL	5.62	7.89	22.46	20.04	1.342900302	0.896981142	0.300774	-0.220493	No
BNIP1	5.67	6.22	11.01	10.97	1.082458771	0.996798639	0	0	No
LYSMD1	0.81	1.16	<0.1	NA	1.193370166	NA	0.00468228	NA	No
SCNM1	0.58	0.97	19.52	22.90	1.246835443	1.164891168	0.170673	0	No
VPS72	22.35	23.32	75.73	68.83	1.041541756	0.910069461	0	-0.20246	No
ERCC3	2.98	4.66	8.80	9.97	1.422110553	1.119104458	0.449223	0	No
RNF149	16.92	14.72	7.52	7.22	0.877232143	0.965020114	-0.0682094	-0.0894312	No
IWS1	29.82	12.77	53.24	47.97	0.4467878	0.902792467	-1.0624	-0.163329	No
BOLA3	15.8	27.38	33.70	37.53	1.689285714	1.110515208	0.660223	0	No
CDC42EP3	0.17	0.75	<0.1	NA	1.495726496	NA	1.52187	NA	No
S100A11	1.18	2.47	3.79	4.79	1.591743119	1.208683362	0.636718	0	No
IVL	3.65	7.12	0.12	0.34	1.746236559	1.193378092	0.705694	0	No
SPRR3	0.8	1.85	<0.1	NA	1.583333333	NA	0	NA	No
DHX57	3.42	4.79	8.09	9.34	1.309954751	1.137760119	0.355311	0.0103982	No

<i>SPRR2D</i>	12.11	7.85	8.22	7.67	0.675057208	0.940038233	-0.445203	0	No
<i>PGLYRP4</i>	25.4	27.48	29.65	28.47	1.078787879	0.961521677	0	-0.0785423	No
<i>S100A9</i>	2.79	5.21	7.68	8.51	1.638522427	1.095573329	0.726308	0	No
<i>S100A12</i>	7.02	6.98	1.29	1.12	0.995012469	0.927252632	0	-0.0161329	No
<i>TGFA</i>	3.95	6.04	1.94	2.90	1.422222222	1.327257047	0.373965	0.195165	No
<i>CCNYL1</i>	26.09	26.66	2.17	3.79	1.021040975	1.510328154	0	0.240578	No
<i>FZD5</i>	2.93	2.61	17.90	17.68	0.918575064	0.988181501	-0.0246108	-0.0019428	No
<i>CRYGC</i>	13.62	17.52	55.90	61.06	1.266757866	1.09061194	0.257649	0	No
<i>DCAF16</i>	14.85	18.64	46.57	48.21	1.239116719	1.034415098	0.214119	0	No
<i>C1orf189</i>	18.55	18.29	71.69	62.45	0.986700767	0.872950113	0	-0.31278	No
<i>NPPC</i>	9.35	11.93	29.50	34.66	1.249275362	1.169126767	0.182662	0.00807105	No
<i>GNPDA2</i>	13.36	10.67	23.11	21.51	0.812674095	0.933651484	-0.19161	-0.104598	No
<i>ALPP</i>	14.58	20.11	40.83	44.73	1.354942234	1.093184562	0.333363	0	No
<i>ALPG</i>	14.69	17.05	39.37	40.53	1.150414277	1.028725002	0.0690445	-0.0072494	No
<i>PAQR3</i>	3.76	4.31	5.79	5.19	1.115546218	0.911202599	0	-0.0528772	No
<i>NIPAL1</i>	89.49	65.89	254.70	207.91	0.739197701	0.817028373	-0.37634	-0.34991	No
<i>ANTXR2</i>	5.35	10.79	28.51	32.79	1.856692913	1.145183707	0.837146	0	No
<i>HELQ</i>	0.57	1.01	5.15	6.99	1.280254777	1.299367623	0.154972	0	No
<i>MRPS18C</i>	11.14	8.5	28.01	24.88	0.782537068	0.892256025	-0.223567	0	No
<i>CGGBP1</i>	9.99	5.93	10.25	11.35	0.630573248	1.098003508	-0.500739	0	No
<i>ABRAXAS1</i>	17.23	14.49	32.72	29.32	0.8496983	0.899234963	-0.075061	-0.165742	No
<i>PMVK</i>	8.32	9.72	16.60	20.20	1.150214592	1.204462097	0.0881937	0.0174333	No
<i>PBXIP1</i>	230.61	179	91.70	90.73	0.777168516	0.989563903	-0.338431	-0.112635	No
<i>CLDN1</i>	6.77	7.56	18.44	25.39	1.101673102	1.357253557	0.0408684	0.243467	No
<i>PYGO2</i>	8.21	4.48	48.23	48.49	0.595005429	1.00519994	-0.664658	-0.0164463	No
<i>HIPK1</i>	39.1	42.56	17.71	18.92	1.086284289	1.064863009	0.035176	0	No
<i>DCST2</i>	22.41	21.52	97.01	72.33	0.961982059	0.748226991	0	-0.439414	No
<i>DCST1</i>	10.31	15.63	31.54	34.10	1.470380195	1.07857077	0.454797	0	No
<i>INAVA</i>	0.34	1.05	0.10	0.18	1.529850746	1.073380886	0.689571	0	No
<i>YY1AP1</i>	67.32	75.59	57.15	54.74	1.121048009	0.958577383	0.10736	-0.158692	No
<i>TAF4A</i>	2.51	24.36	<0.1	NA	7.225071225	NA	3.02559	NA	No
<i>EOGT</i>	84.38	101.39	45.30	33.28	1.199226985	0.740321749	0.199709	-0.502261	No
<i>NAXE</i>	0.93	1.63	15.29	14.12	1.362694301	0.927872104	0.475248	-0.0896451	No
<i>POGLUT1</i>	4.39	4.9	44.51	44.11	1.094619666	0.99128978	0	-0.0687857	No
<i>SLC22A15</i>	671.04	456.36	25.49	37.60	0.680554729	1.457209036	-0.527264	0.345538	No
<i>ATP1A1</i>	51.01	45.59	185.81	166.76	0.895789271	0.898009766	-0.0804507	-0.210278	No
<i>SLC15A2</i>	18.59	26.03	65.91	60.81	1.379785605	0.923844176	0.397786	-0.24049	No
<i>EIF4E3</i>	3.22	3.86	<0.1	NA	1.151658768	NA	0.0775673	NA	No

<i>LRRC58</i>	65.68	82.35	154.03	154.10	1.25	1.000426045	0.26413	-0.109794	No
<i>FSTL1</i>	34.15	34.14	23.59	22.79	0.999715505	0.967570923	0	-0.123579	No
<i>LMOD1</i>	1.07	1.05	2.98	2.70	0.990338164	0.930059108	0	0	No
<i>ELF3</i>	23.52	17.92	70.62	61.54	0.771615008	0.873174425	-0.287778	-0.270504	No
<i>PDCL2</i>	0.16	0.77	2.87	4.27	1.525862069	1.36064443	0.5385	0.02962	No
<i>TMEM183A</i>	1.79	2.41	11.65	12.70	1.222222222	1.082922343	0.198473	0	No
<i>IGFBP7</i>	3.14	3.04	13.19	11.49	0.975845411	0.880322539	0	-0.167793	No
<i>TRIM46</i>	2.31	3.52	18.99	17.74	1.365558912	0.937386092	0.182563	-0.0223825	No
<i>KRTCAP2</i>	7.42	8.85	<0.1	NA	1.169833729	NA	0.121546	NA	No
<i>ARPC2</i>	236.57	236.32	89.15	106.83	0.998947679	1.196150253	0	0.0737833	No
<i>TSACC</i>	112.66	95.17	73.86	66.38	0.846120007	0.900087009	-0.197392	-0.266186	No
<i>CCT3</i>	2965.31	2069.76	3797.80	3445.88	0.698092917	0.907358923	-0.503601	-0.281288	No
<i>TMEM79</i>	18.76	22.19	20.59	19.58	1.173582996	0.953163162	0.142856	-0.140436	No
<i>SSR2</i>	2.97	5.25	24.51	27.02	1.574307305	1.098271245	0.589382	0	No
<i>RNF25</i>	1.57	1.48	0.12	0.10	0.964980545	0.980341039	0	0	No
<i>STK36</i>	0.45	0.48	1.34	1.83	1.020689655	1.209925469	0	0	No
<i>ADORA1</i>	13.52	22.64	64.41	57.51	1.628099174	0.894528576	0.627884	-0.240182	No
<i>CRYBA2</i>	55.23	51.3	144.69	108.77	0.930108483	0.753473218	0	-0.464615	No
<i>CIP2A</i>	42.25	48.61	32.25	32.68	1.147052023	1.012943916	0.137511	-0.0739522	No
<i>EOMES</i>	136.75	167.5	150.98	159.20	1.22323049	1.054062979	0.251655	-0.0787922	No
<i>CWC22</i>	25.53	23.67	21.43	25.17	0.92989069	1.166547896	-0.0124241	0	No
<i>AZI2</i>	13.39	19.06	24.68	26.58	1.394023628	1.07413521	0.411217	0	No
<i>TGFBP2</i>	15.41	20.52	1.35	1.31	1.311395491	0.984741257	0.256941	0	No
<i>ANKZF1</i>	18.71	27.29	<0.1	NA	1.435312024	NA	0.459661	NA	No
<i>HDAC11</i>	2.86	2.21	14.63	14.48	0.831606218	0.990672119	0	0	No
<i>FBLN2</i>	6.24	3.47	17.69	17.00	0.617403315	0.963339583	-0.697019	-0.0320043	No
<i>GLB1L</i>	0.32	0.32	<0.1	NA	1	NA	0	NA	No
<i>STT3B</i>	2.43	4.8	3.66	4.18	1.690962099	1.112093008	0.528521	0	No
<i>CHCHD4</i>	0.22	0.48	0.27	0.38	1.213114754	1.085035275	0.514757	0	No
<i>SGO2</i>	0.68	3.21	2.43	2.11	2.505952381	0.906565704	1.62996	0	No
<i>SERPIN1</i>	2.82	2.86	6.34	7.76	1.010471204	1.19410352	0	0.0221861	No
<i>CLASP2</i>	9.42	17.7	10.76	9.64	1.79462572	0.904407706	0.745724	-0.134596	No
<i>SUCLG1</i>	8.3	8.83	16.29	19.49	1.056989247	1.185293916	0	0.0104613	No
<i>NUAK2</i>	6.21	10.78	3.70	4.27	1.633841886	1.120222916	0.661046	0	No
<i>PRKCI</i>	10.21	13.83	15.80	16.42	1.322925959	1.036625518	0.31576	0	No
<i>IFI16</i>	0.25	3.55	<0.1	NA	3.64	NA	2.85103	NA	No
<i>EIF5A2</i>	28.99	32.62	113.57	116.87	1.121040347	1.028769935	0.0553142	-0.08915	No
<i>RPL22L1</i>	0.48	2.3	0.57	0.97	2.22972973	1.256796848	1.80337	0.1181	No

PPM1L	3.38	3	9.00	7.53	0.913242009	0.853340963	0	-0.205279	No
ICA1L	0.22	0.26	<0.1	NA	1.032786885	NA	0	NA	No
SNHG16	9.6	12.86	76.95	71.84	1.30754717	0.934432767	0.267333	-0.166868	No
RYBP	13.99	31.61	44.66	44.30	2.1754503	0.992118779	1.08463	-0.0829888	No
PPP4R2	8.95	11.97	89.59	86.48	1.303517588	0.965657975	0.227704	-0.106995	No
GTPBP8	2.43	2.43	2.03	3.11	1	1.354841576	0	0	No
NEPRO	0.99	1.52	<0.1	NA	1.266331658	NA	0	NA	No
SPICE1	0.7	2.08	0.55	0.54	1.811764706	0.99373415	0.931732	0	No
CCDC191	5.3	7.92	5.79	6.37	1.415873016	1.085553034	0.332457	0	No
NKX6-1	0.36	0.62	2.64	4.40	1.191176471	1.483796537	0	0.277032	No
CDS1	16.98	10.77	145.78	140.30	0.65461624	0.962645148	-0.564642	-0.146741	No
WDFY3	16.06	20.92	36.07	35.40	1.284876905	0.981944541	0.162125	0	No
COX18	1.8	1.9	4.92	3.81	1.035714286	0.811785851	0	-0.284389	No
PTPN13	3.77	4.91	12.86	12.41	1.238993711	0.967845308	0.182301	-0.0381565	No
C4orf36	34.24	50.89	4.16	4.52	1.472474461	1.069364782	0.50571	0	No
THOC7	0.37	0.85	1.15	1.43	1.350364964	1.131242809	0.80052	0	No
ATXN7	33.32	34.86	15.98	15.93	1.044871795	0.996850265	0	-0.0200677	No
PSMD6	4.36	6.81	4.19	5.02	1.457089552	1.159890052	0.476267	0.0146834	No
PRICKLE2	12.93	10.39	80.92	69.02	0.817659727	0.854713699	-0.170159	-0.299604	No
ADAMTS9	2.14	2.28	3.64	3.00	1.044585987	0.861997703	0	0	No
PPM1K	9.08	8.5	51.72	55.79	0.942460317	1.077145198	0	0	No
ERICH6	27.19	18.92	74.68	62.22	0.706633558	0.835385714	-0.433857	-0.377488	No
GMPS	0.22	3.2	0.84	1.44	3.442622951	1.326557295	2.94492	0.240923	No
TIPARP	0.13	0.22	0.12	0.13	1.079646018	1.012182956	0	0	No
CCNL1	1.99	2.27	6.15	4.02	1.093645485	0.702216414	0	-0.383488	No
PTX3	6.34	8.47	14.10	12.43	1.290190736	0.889589409	0.0828325	-0.0397913	No
HESX1	0.41	0.25	39.05	40.86	0.886524823	1.045264461	0	-0.0798601	No
SLMAP	8.26	15.1	27.25	26.87	1.738660907	0.98657933	0.69443	-0.122201	No
RPL9	1.69	1.07	175.61	175.27	0.769516729	0.998049737	-0.239761	-0.106814	No
SMIM14	110.72	89.22	696.56	720.44	0.807554601	1.034230637	-0.241341	-0.0475504	No
RPP14	19.22	19.06	64.45	62.25	0.992087043	0.966356559	0	0	No
ABHD6	11.37	17.65	108.45	103.64	1.507679871	0.956097106	0.437127	-0.112674	No
CFAP20DC	4.92	4.51	45.24	50.00	0.930743243	1.103021023	0	0	No
RBM47	14.22	15.85	92.07	84.38	1.107095926	0.917340689	0	-0.19728	No
APBB2	0.66	0.58	12.16	13.01	0.951807229	1.06485539	0	0	No
IL17RE	0.25	1	<0.1	NA	1.6	NA	0.754813	NA	No
IL17RC	2.95	2.12	50.64	53.92	0.789873418	1.063464863	-0.0813786	0	No
CRELD1	0.35	2.25	<0.1	NA	2.407407407	NA	1.18573	NA	No

PRRT3	5.12	5.47	<0.1	NA	1.057189542	NA	0	NA	No
FANCD2OS	10.59	12.81	24.01	23.89	1.191544435	0.995348152	0.145616	-0.0344791	No
PCOLCE2	1.06	1.93	4.33	5.11	1.422330097	1.145932334	0.590807	0	No
U2SURP	5.25	6.26	21.53	26.88	1.1616	1.237277681	0.0340431	0.0509074	No
MTMR14	7.47	5.6	<0.1	NA	0.779220779	NA	-0.215649	NA	No
TTC14	24.19	15.97	61.27	53.75	0.673680032	0.879165927	-0.452918	-0.198805	No
CXCL3	29.53	32.09	26.88	22.49	1.083851949	0.842703468	0	-0.250113	No
MTHFD2L	0.78	2.1	<0.1	NA	1.741573034	NA	0.805289	NA	No
CXCL1	0.68	1.62	6.78	8.33	1.55952381	1.199469589	0.85676	0.0220607	No
RCHY1	3.06	5.07	10.51	10.61	1.495073892	1.008606559	0.555622	-0.0055196	No
GYG1	0.41	0.63	<0.1	NA	1.156028369	NA	0.266233	NA	No
HPS3	2.78	2.76	21.72	21.89	0.994708995	1.007562189	0	-0.0210153	No
TM4SF18	1.85	2.3	4.94	5.46	1.157894737	1.087976041	0.0341423	0	No
TOPBP1	4.69	8.66	47.36	84.73	1.69771529	1.772846974	0.748433	0.625575	No
RYK	4.99	2.69	1.90	1.49	0.616026711	0.857887678	-0.51317	0	No
SNRK	2.38	3.63	9.90	10.96	1.369822485	1.097209828	0.309903	0	No
UCN	0.43	0.31	1.51	1.44	0.916083916	0.973981298	0	0	No
ZNF513	1.4	2.92	19.78	22.01	1.633333333	1.107398805	0.630117	0	No
SLC4A1AP	12.94	18.31	19.68	20.10	1.385222382	1.020499885	0.32831	0	No
PLB1	7.12	7.87	21.00	21.20	1.092364532	1.008917885	0	0	No
KIAA1143	11.43	18.35	18.64	25.20	1.556717619	1.334184184	0.565576	0.235281	No
KIF15	58.39	43.72	19.77	18.97	0.752988719	0.961639778	-0.314055	-0.0648309	No
TGM4	0.91	2.37	2.36	1.89	1.764397906	0.861064524	1.05006	-0.200383	No
WDR43	302.73	195.59	704.25	609.23	0.647252494	0.865271166	-0.580043	-0.300423	No
ZDHHC3	27.51	29.46	24.33	21.75	1.068397054	0.898082137	0.0111132	-0.231093	No
CDCP1	21.64	13.97	35.64	32.42	0.661219081	0.91207064	-0.481293	-0.166563	No
SLC6A20	60.73	41.76	116.14	90.61	0.69269399	0.782060328	-0.460602	-0.439433	No
LZTFL1	36.27	32.69	16.47	13.79	0.903944191	0.846560697	-0.0748249	-0.321338	No
FYCO1	2.37	2.59	11.81	12.79	1.065281899	1.076278974	0	0	No
ELP6	75.67	25.47	<0.1	NA	0.345245859	NA	-1.42278	NA	No
DTX3L	31.47	28.31	51.51	53.14	0.902679396	1.031099018	-0.0502618	-0.0042754	No
ZNF148	4.12	5.78	20.23	21.95	1.32421875	1.081130919	0.241865	0	No
NMNAT3	2.54	3.08	3.09	3.79	1.152542373	1.17049786	0.0505526	0.0273827	No
SMIM12	5.02	4.96	<0.1	NA	0.990033223	NA	0	NA	No
ZMYM6	27.22	24.02	106.49	112.61	0.886605245	1.056910261	0	0	No
TPRA1	1.31	2.27	6.51	7.39	1.415584416	1.117236477	0.52267	0	No
YEATS2	0.24	0.45	1.51	1.88	1.169354839	1.145468986	0	0	No
ZC3H12A	3.52	2.86	4.09	3.69	0.853982301	0.92131712	0	-0.0102527	No

MEAF6	0.18	0.15	<0.1	NA	0.974576271	NA	0	NA	No
SNIP1	4.77	5.94	5.06	5.85	1.202772964	1.130482842	0.179322	0	No
POLR2H	4.75	4.66	<0.1	NA	0.984347826	NA	0	NA	No
KLF15	1.1	1.48	2.96	3.58	1.180952381	1.1561481	0.0683224	0	No
CAMK2N2	16.92	21.6	10.92	9.78	1.261160714	0.904398832	0.256318	-0.188251	No
LIPH	2.56	3.13	5.63	6.37	1.16011236	1.110917735	0.0360167	0	No
TMEM41A	0.22	0.31	0.28	0.44	1.073770492	1.127348572	0	0	No
RPN1	18.37	22.44	<0.1	NA	1.21011874	NA	0.172938	NA	No
SEN2	4.88	5.88	5.00	3.80	1.170068027	0.799278998	0.0951635	-0.327802	No
HEYL	2.24	2.04	0.99	1.18	0.938271605	1.094720944	0	0	No
IFT122	2.15	4.59	10.30	11.28	1.774603175	1.087056096	0.817158	0	No
RFC4	23.05	32.88	<0.1	NA	1.408731809	NA	0.411408	NA	No
RPL39L	0.11	0.43	0.55	0.66	1.288288288	1.072486064	0.260728	0	No
BAP1	40.36	22.19	5.52	2.54	0.560686654	0.543145703	-0.75364	-0.828614	No
TKT	1.09	13.28	218.53	228.21	6.832535885	1.044100958	3.17926	-0.0134381	No
PRKCD	33.38	26.52	11.56	10.67	0.800465387	0.929199246	-0.196651	0	No
RFT1	0.29	1.15	14.67	18.53	1.666666667	1.246345394	1.17701	0.0794912	No
SFMBT1	13.4	22.7	15.75	18.33	1.645833333	1.154319514	0.67419	0.0502724	No
GNL3	75.68	80.28	2.05	3.48	1.059989567	1.46847691	0.0345805	0.385688	No
PBRM1	0.12	0.09	4.85	7.47	0.973214286	1.447578939	0	0.20551	No
UVSSA	5.46	4.41	12.01	11.98	0.8374613	0.997466383	-0.0607706	-0.0246417	No
TASOR	9.21	8.47	1.90	2.01	0.927522037	1.038931767	0	0	No
ARHGEF3	0.77	5.32	<0.1	NA	3.570621469	NA	2.24745	NA	No
SLBP	2.89	1.27	<0.1	NA	0.583547558	NA	-0.798357	NA	No
LRPAP1	2.59	2.36	2.04	2.18	0.935933148	1.046941704	0	0	No
SLC51A	1.43	2.73	6.29	8.59	1.534979424	1.315442082	0.511299	0.0457311	No
UBXN7	4.35	3.93	15.98	14.65	0.921495327	0.921462084	0	-0.168132	No
RNF168	12.76	9.29	1.63	1.94	0.747819767	1.116280086	-0.347495	0	No
PIGX	0.31	0.23	<0.1	NA	0.938931298	NA	-0.137296	NA	No
MELTF	2.11	2.23	4.44	5.21	1.038585209	1.141463268	0	0	No
S100P	1.09	1.65	5.63	7.24	1.267942584	1.242601359	0.335418	0.176014	No
ABLIM2	2.2	2.03	14.64	15.47	0.946875	1.053013502	0	0	No
EXO5	20.33	24.22	24.61	27.13	1.182372246	1.098340178	0.134434	0	No
C1orf50	10.47	11.34	35.72	41.99	1.075850044	1.170773303	0	0.0107079	No
ERMAP	0.34	0.48	1.55	2.22	1.104477612	1.263606522	0	0.196376	No
ZNF691	2.34	3.25	1.91	2.16	1.27245509	1.086246076	0.127323	0	No
AIMP1	2.06	1.45	7.82	9.59	0.800653595	1.200753298	-0.121153	0	No
SGMS2	13.84	16.69	1.91	3.29	1.192048518	1.475286447	0.0743156	0.254074	No

<i>METAP1</i>	1.13	1.56	12.26	11.71	1.201877934	0.958615554	0.154661	-0.0551902	No
<i>DNAJB14</i>	7.36	21.44	23.67	26.21	2.684210526	1.10310658	1.33037	0	No
<i>H2AZ1</i>	10.66	10.3	7.87	10.72	0.969125214	1.321018585	0	0.152937	No
<i>SLC9B2</i>	1.61	1.83	5.98	6.47	1.084291188	1.070603901	0	0	No
<i>BDH2</i>	4.4	1.9	0.60	1.08	0.537037037	1.302987621	-0.936491	0.464317	No
<i>PGRMC2</i>	2.06	2.75	6.99	9.29	1.225490196	1.287980018	0.203056	0.121966	No
<i>CDC25A</i>	1.78	2.47	136.05	124.83	1.248201439	0.91813622	0.12985	-0.187657	No
<i>ZNF589</i>	2.67	4.22	2.66	3.16	1.422343324	1.135517826	0.450536	0	No
<i>PLXNB1</i>	1.36	1.84	2.82	4.19	1.203389831	1.359777461	0	0.183615	No
<i>CCDC51</i>	2.47	2.96	3.80	4.78	1.141210375	1.203396798	0.0288029	0.0910129	No
<i>ATRIP</i>	4.39	8.06	7.45	7.71	1.680890538	1.03086863	0.669186	0	No
<i>SHISA5</i>	12.45	12.49	255.93	255.45	1.002973978	0.998135818	0	-0.11414	No
<i>SPRY1</i>	5.16	3.95	24.43	21.69	0.803571429	0.892301271	-0.226604	-0.180265	No
<i>BSN</i>	0.23	0.56	3.56	3.26	1.268292683	0.933632344	0	0	No
<i>APEH</i>	60.47	32.55	13.28	13.43	0.545794697	1.010368715	-0.788976	0	No
<i>INTU</i>	117.27	133.1	48.45	53.60	1.133846284	1.104084907	0.123569	0	No
<i>RNF123</i>	6.14	7.83	17.95	17.57	1.236694678	0.980052871	0.153207	-0.0515669	No
<i>HSPA4L</i>	46.55	49.52	54.15	58.80	1.062460568	1.084276485	0.0113649	0	No
<i>MFSD8</i>	12.12	17.49	<0.1	NA	1.40929878	NA	0.404029	NA	No
<i>ABHD18</i>	1.22	2.14	0.39	0.36	1.414414414	0.976194907	0.272757	0	No
<i>MON1A</i>	1.55	1.15	<0.1	NA	0.843137255	NA	0	NA	No
<i>MST1R</i>	1.71	2.15	2.47	2.71	1.162361624	1.070484552	0	0	No
<i>RAD54L2</i>	2.27	2.54	5.30	5.55	1.082568807	1.040009257	0	0	No
<i>TEX264</i>	12.81	12.79	2.28	2.28	0.998551774	1.000302335	0	0	No
<i>DUSP7</i>	8.16	12.37	23.07	24.41	1.459606987	1.05574959	0.438379	0	No
<i>POC1A</i>	3.79	7.35	7.31	8.63	1.743215031	1.158859466	0.767052	0	No
<i>PPM1M</i>	28.15	33.51	46.60	43.17	1.183876501	0.927985588	0.154607	-0.182422	No
<i>WDR82</i>	0.13	0.1	0.80	0.63	0.973451327	0.903031021	0	0	No
<i>C4orf3</i>	13.19	15.06	15.95	19.01	1.131782946	1.180667665	0.025732	0.0124704	No
<i>PRSS12</i>	3.42	3.1	0.31	0.45	0.92760181	1.103176157	0	0	No
<i>HMGB2</i>	5.7	7.43	10.20	11.78	1.258208955	1.141390584	0.189128	0	No
<i>SAP30</i>	1.85	1.29	1.62	1.58	0.803508772	0.98324174	-0.270628	0	No
<i>HAND2</i>	4.09	0	<0.1	NA	0.196463654	NA	-0.902101	NA	No
<i>MAD2L1</i>	4.88	7.9	29.76	31.14	1.513605442	1.044892452	0.360753	0	No
<i>ANXA5</i>	1.79	1.94	6.69	6.89	1.053763441	1.026562143	0	0	No
<i>MAP9</i>	1.31	1.84	4.69	5.63	1.229437229	1.166006596	0.0503982	0	No
<i>FBXO8</i>	2.76	3.33	5.84	6.73	1.151595745	1.130777763	0	0	No
<i>CEP44</i>	0.18	0.27	3.18	4.16	1.076271186	1.23355459	0	0	No

<i>TMEM144</i>	0.8	1.92	22.10	22.79	1.622222222	1.029758447	0.637937	0	No
<i>GASK1B</i>	4.9	5.3	24.37	23.42	1.06779661	0.962439803	0	-0.107139	No
<i>NAA15</i>	0.18	0.1	<0.1	NA	0.93220339	NA	0	NA	No
<i>IL15</i>	49.82	38.82	70.10	59.48	0.783549784	0.850626145	-0.279085	-0.344115	No
<i>FAM160A1</i>	1.46	2.25	0.23	0.21	1.321138211	0.987339447	0.184536	0	No
<i>ARFIP1</i>	2.15	1.34	<0.1	NA	0.742857143	NA	-0.273423	NA	No
<i>ICE1</i>	43.98	42.71	74.10	79.20	0.971765229	1.067935006	0	0	No
<i>ANAPC10</i>	47.22	42.98	40.83	44.83	0.912069681	1.095532524	-0.0168101	0	No
<i>ABCE1</i>	0.5	0.87	<0.1	NA	1.246666667	NA	0.11088	NA	No
<i>OTUD4</i>	9.94	12.61	24.63	27.92	1.244058501	1.128491388	0.243296	0	No
<i>LSM6</i>	0.45	0.5	3.41	4.03	1.034482759	1.140765596	0	0	No
<i>TMEM184C</i>	0.45	0.83	1.12	0.95	1.262068966	0.918988795	0.376369	0	No
<i>PRMT9</i>	5.24	5.42	4.05	3.83	1.028846154	0.956810717	0	0	No
<i>ITGA2</i>	1.28	1.54	1.90	2.25	1.114035088	1.119395842	0	0	No
<i>MOCS2</i>	3.1	6.54	0.96	1.24	1.83902439	1.145243062	0.793909	0	No
<i>TMEM161B</i>	2.03	2.31	27.77	30.47	1.092409241	1.093884521	0	0	No
<i>ELOVL7</i>	16.77	19.44	26.73	30.34	1.150253236	1.130196901	0.0562299	0	No
<i>NDUFAF2</i>	0.78	0.74	1.89	1.84	0.97752809	0.9821157	0	0	No
<i>LMBRD2</i>	19.95	13.09	<0.1	NA	0.672553699	NA	-0.392023	NA	No
<i>NIPBL</i>	4.57	10.56	<0.1	NA	2.07540395	NA	0.921841	NA	No
<i>SLC25A46</i>	1.83	2.55	19.11	19.49	1.254416961	1.019067801	0.189934	-0.0400203	No
<i>STARD4</i>	0.52	0.31	1.07	1.19	0.861842105	1.057873645	-0.0966138	0	No
<i>PGGT1B</i>	0.53	0.8	0.36	0.54	1.176470588	1.13499696	0	0	No
<i>CCDC112</i>	4.64	4.56	4.57	5.45	0.985815603	1.157168073	0	0	No
<i>ANKRD33B</i>	2.48	3.3	6.05	6.59	1.235632184	1.07687366	0.0873731	0	No
<i>CMBL</i>	0.89	1.1	3.35	4.01	1.111111111	1.152498722	0	0	No
<i>C5orf63</i>	1.13	2.23	15.58	14.51	1.516431925	0.935673986	0.665584	-0.158445	No
<i>PRRC1</i>	1.48	3.44	<0.1	NA	1.790322581	NA	0.831203	NA	No
<i>F2RL1</i>	2.84	4.47	5.57	7.84	1.424479167	1.345120127	0.470346	0.152886	No
<i>AGGF1</i>	0.75	0.71	0.50	1.48	0.977142857	1.656653046	0	0.812937	No
<i>WDR41</i>	2.39	2.37	<0.1	NA	0.994100295	NA	0	NA	No
<i>NDUFS4</i>	2.61	5.43	<0.1	NA	1.781163435	NA	0.850812	NA	No
<i>ESM1</i>	2.36	2.2	<0.1	NA	0.952380952	NA	0	NA	No
<i>GRPEL2</i>	0.86	1.05	0.14	0.17	1.102150538	1.027889228	0	-0.0585277	No
<i>ARSK</i>	0.55	1.08	1.54	2.49	1.341935484	1.372204824	0.356194	0.165588	No
<i>RHOBTB3</i>	1.04	0.83	0.39	0.34	0.897058824	0.963478657	0	0	No
<i>GPX8</i>	0.45	0.94	1.92	1.68	1.337931034	0.916540238	0.383905	0	No
<i>TIGD6</i>	2.87	3.88	6.30	7.99	1.260981912	1.231575025	0.195567	0.0848587	No

<i>SERINC5</i>	16.75	14.45	4.07	5.33	0.870422535	1.249470448	-0.129654	0.142066	No
<i>ENPP6</i>	26.73	13	<0.1	NA	0.504868374	NA	-0.874561	NA	No
<i>CAGE1</i>	2.2	3.4	7.44	7.73	1.375	1.034466979	0.402635	0	No
<i>CASP3</i>	1.11	2.64	3.18	3.20	1.725118483	1.005971177	0.656592	0	No
<i>PRIMPOL</i>	1.71	1.67	1.46	1.39	0.985239852	0.973087071	0	0	No
<i>ERAP1</i>	0.25	0.17	<0.1	NA	0.936	NA	0	NA	No
<i>ERAP2</i>	1.41	1.79	1.89	1.91	1.157676349	1.00611777	0	0	No
<i>CMYA5</i>	7.08	7.82	33.80	35.66	1.091584158	1.053342473	0	0	No
<i>CFAP97</i>	14.3	13.56	47.30	44.48	0.951633987	0.941528662	0	-0.099892	No
<i>RICTOR</i>	9.28	12.89	19.46	21.96	1.351167315	1.122042924	0.357804	0	No
<i>TENT2</i>	8.11	9.96	5.47	6.48	1.203073546	1.156209426	0.136886	0	No
<i>ANKRA2</i>	12.62	21.02	18.06	21.15	1.616740088	1.162189034	0.600093	0	No
<i>UBLCP1</i>	6.56	4.78	58.74	68.25	0.764550265	1.159107572	-0.191086	0	No
<i>UTP15</i>	2.81	3.49	19.48	15.53	1.17847769	0.807043579	0.116925	-0.3976	No
<i>TLR3</i>	0.37	1.74	<0.1	NA	2	NA	1.27937	NA	No
<i>NSA2</i>	0.15	0.44	<0.1	NA	1.252173913	NA	0	NA	No
<i>GFM2</i>	1.49	1.4	2.98	3.17	0.963855422	1.048348374	0	0	No
<i>CCDC127</i>	0.61	0.56	<0.1	NA	0.968944099	NA	0	NA	No
<i>FOXQ1</i>	9.77	13.9	6.07	7.58	1.383472609	1.213959694	0.359557	0.0436627	No
<i>CSF2</i>	3.27	7.15	1.21	1.22	1.908665105	1.006716837	0.936464	0	No
<i>SEPTIN8</i>	0.26	2.55	<0.1	NA	2.817460317	NA	1.25198	NA	No
<i>SHROOM1</i>	5.08	7.86	2.52	3.47	1.457236842	1.269441798	0.427908	0.171435	No
<i>GDF9</i>	0.16	0.08	0.36	0.14	0.931034483	0.841437839	0	0	No
<i>UQCRQ</i>	0.4	0.51	4.20	5.68	1.078571429	1.283831136	0	0	No
<i>SLC35A1</i>	50.27	183.09	<0.1	NA	3.590598791	NA	1.79184	NA	No
<i>CGAS</i>	6.78	61.43	<0.1	NA	8.024421594	NA	2.98203	NA	No
<i>TLX3</i>	0.9	1.28	5.77	6.83	1.2	1.156851651	0.20296	0	No
<i>CITED2</i>	1.12	2.43	<0.1	NA	1.617924528	NA	0.759203	NA	No
<i>CREBRF</i>	1.3	0.81	2.99	3.71	0.786956522	1.17992026	-0.341421	0.0160275	No
<i>DCBLD1</i>	1.43	2.79	3.72	4.23	1.559670782	1.108525348	0.556574	0	No
<i>SFXN1</i>	6.47	6.66	31.19	35.59	1.025435074	1.136606331	0	0	No
<i>PDSS2</i>	6.23	9.09	17.94	19.42	1.395573997	1.077978177	0.388121	0	No
<i>STXBP5</i>	0.62	0.67	<0.1	NA	1.030864198	NA	0	NA	No
<i>IL31RA</i>	32.6	34.91	37.24	38.98	1.06875	1.045418616	0	0	No
<i>RAET1E</i>	10.59	8.76	18.56	18.31	0.842105263	0.987208174	-0.0930231	-0.0429936	No
<i>PI16</i>	48.57	76.2	<0.1	NA	1.557393585	NA	0.575003	NA	No
<i>DAGLB</i>	13.7	17.2	25.07	28.93	1.238095238	1.148101775	0.181265	0	No
<i>KIAA0895</i>	10.53	11.13	21.44	21.49	1.052038161	1.002130914	0	-0.0603039	No

STK17A	0.73	1.37	0.43	0.63	1.369942197	1.140608585	0.274516	0	No
TRA2A	0.44	0.57	0.65	0.78	1.090277778	1.075971424	0	0	No
GALNT10	9.44	8.84	<0.1	NA	0.942528736	NA	0	NA	No
SAP30L	13.31	16.41	27.56	28.41	1.216631726	1.029611946	0.174419	0	No
RPS14	1.69	3.49	3.34	5.08	1.669144981	1.401379415	0.731942	0.257453	No
COG5	100.48	99.89	<0.1	NA	0.994186047	NA	0	NA	No
BMT2	2.55	3.21	4.56	5.86	1.185915493	1.233273717	0.088568	0.0716111	No
SLU7	0.66	1.02	13.40	13.10	1.21686747	0.979073084	0.103398	-0.0056826	No
RP9	164.91	157.81	174.54	166.16	0.957205714	0.952284813	-0.0314723	-0.16936	No
PTTG1	0.28	0.35	1.16	1.46	1.0546875	1.141167465	0	0	No
CAMLG	0.31	0.4	0.22	0.20	1.06870229	0.980893309	0	-0.127217	No
RELL2	3.69	4.89	10.24	11.87	1.255863539	1.14489328	0.214913	0	No
KCNK5	32.59	68.18	2.66	3.84	2.05954153	1.32319679	1.00797	0.15081	No
ZNF12	0.38	0.5	<0.1	NA	1.086956522	NA	0	NA	No
SLC29A4	68.61	44.48	<0.1	NA	0.653354403	NA	-0.569608	NA	No
STEAP1	0.12	0.53	<0.1	NA	1.366071429	NA	0	NA	No
CDCA7L	20.22	14.97	39.23	33.97	0.752591894	0.869236288	-0.301934	-0.21354	No
MIOS	18.7	12.64	115.29	88.65	0.692385787	0.770959691	-0.361327	-0.439381	No
USP49	0.96	0.6	17.79	17.01	0.816326531	0.958625907	-0.0730483	0	No
INTS4P1	4.37	4.09	170.67	162.61	0.947858473	0.95304769	0	-0.200544	No
SYTL3	27.64	27.56	358.52	331.58	0.997206704	0.925074585	0	-0.206187	No
ZNF704	0.58	0.86	1.24	2.00	1.17721519	1.341239504	0	0	No
FABP5	134.94	178.85	193.69	204.91	1.323010152	1.057625993	0.361501	-0.0155403	No
SHH	14.44	15.13	10.72	10.01	1.044689119	0.939630666	0	-0.0804923	No
TAGAP	49.25	24.98	261.25	249.36	0.517014925	0.954646628	-0.905326	-0.126714	No
CHMP4C	8.36	8.41	12.35	14.83	1.00534188	1.185920456	0	0	No
BRI3	1.18	1.54	4.69	5.31	1.165137615	1.109001535	0.0159066	0	No
LMTK2	2.22	4.12	0.93	1.03	1.590062112	1.051043581	0.576319	0	No
CTSB	2.17	2.28	<0.1	NA	1.034700315	NA	0	NA	No
DLC1	7.03	10.85	<0.1	NA	1.475716065	NA	0.44977	NA	No
ADCY1	0.26	0.35	0.39	0.89	1.071428571	1.359566614	0	0.446502	No
SUN3	3.78	3.02	10.21	11.34	0.841004184	1.101164527	-0.006458	0	No
C7orf57	1.9	2.32	9.05	9.59	1.144827586	1.053970932	0	0	No
PEX2	3.77	2.06	22.52	21.01	0.641509434	0.935932103	-0.601861	-0.150067	No
RAD21	9.99	13.14	1.62	1.74	1.286624204	1.047267813	0.252188	0	No
MED30	43.03	85.07	<0.1	NA	1.954803543	NA	0.917316	NA	No
PHKG1	0.94	2.56	1.02	1.22	1.835051546	1.099255506	0.947295	0	No
EN2	22.37	25.7	30.86	30.96	1.142490372	1.002985896	0.0996013	-0.0837667	No

<i>SPIDR</i>	10.74	14.74	13.52	15.64	1.340715503	1.146000909	0.222826	0	No
<i>ORC5</i>	2.27	4.05	<0.1	NA	1.544342508	NA	0.581936	NA	No
<i>DNAAF5</i>	0.23	0.38	1.67	2.61	1.12195122	1.352385315	0	0.108855	No
<i>OSGIN2</i>	1.35	1.74	8.75	9.59	1.165957447	1.086606641	0.139155	0	No
<i>DEFB1</i>	13.72	10.05	42.02	45.86	0.750679348	1.089171128	-0.291717	0	No
<i>SUN1</i>	8.99	12.64	<0.1	NA	1.365365365	NA	0.309187	NA	No
<i>OXR1</i>	21.54	37.47	3.63	3.97	1.706743567	1.073337688	0.711398	0	No
<i>FAM86FP</i>	0.98	3.86	5.04	7.05	2.454545455	1.333437209	1.60131	0	No
<i>GPR146</i>	3.17	4.72	1.04	1.41	1.371702638	1.179449734	0.334261	0.05333334	No
<i>GPFR1</i>	10.35	8.18	5.84	8.22	0.808810573	1.348176767	-0.0868898	0.0458435	No
<i>TMEM184A</i>	0.29	0.22	1.90	1.75	0.945736434	0.947706771	0	0	No
<i>NOS3</i>	0.11	0.18	0.24	0.27	1.063063063	1.02313317	0	0	No
<i>MICALL2</i>	6.52	5.57	41.69	39.08	0.873670213	0.938773044	-0.0324158	-0.153836	No
<i>INTS1</i>	3.78	6.76	3.66	4.79	1.623430962	1.242982734	0.653272	0.0532403	No
<i>CDK5</i>	5.96	8.99	24.33	26.63	1.435344828	1.090644651	0.424863	0	No
<i>SLC4A2</i>	4.47	4.35	15.34	15.56	0.978062157	1.013575714	0	0	No
<i>FASTK</i>	5.04	6.63	<0.1	NA	1.263245033	NA	0.215827	NA	No
<i>TMUB1</i>	0.23	0.32	1.57	1.91	1.073170732	1.130504549	0	0	No
<i>FMC1</i>	0.52	0.53	<0.1	NA	1.006578947	NA	0	NA	No
<i>PHAX</i>	3.52	3.34	44.59	39.35	0.960176991	0.885050993	0	-0.187023	No
<i>ALDH7A1</i>	13.41	11.54	1.43	1.20	0.870229008	0.905270635	-0.0671701	0	No
<i>FOXK1</i>	2.09	2.24	4.17	4.60	1.048543689	1.083689088	0	0	No
<i>COX6C</i>	1.98	1.78	4.18	4.34	0.932885906	1.03152888	0	0	No
<i>OSR2</i>	3.33	3.06	0.29	0.29	0.937644342	1.000546774	0	0	No
<i>YWHAZ</i>	0.66	0.66	0.28	0.00	1	0.78125	0	0	No
<i>FZD6</i>	16.54	16.21	24.15	26.09	0.981185861	1.077109662	0	0	No
<i>SLC25A32</i>	1.12	1.77	3.82	3.61	1.306603774	0.957060657	0.414593	-0.0832022	No
<i>DCAF13</i>	0.22	0.28	<0.1	NA	1.049180328	NA	0	NA	No
<i>TP53INP1</i>	2.24	1.98	0.44	0.89	0.919753086	1.313035496	0	0.290975	No
<i>INTS8</i>	1.15	1.56	2.13	3.04	1.190697674	1.291472129	0.154595	0.230233	No
<i>VIRMA</i>	0.18	0.03	<0.1	NA	0.872881356	NA	0	NA	No
<i>GEM</i>	25.56	22.21	34.26	39.24	0.873870482	1.141274843	-0.126636	0	No
<i>PDP1</i>	21.39	17.13	2.93	2.97	0.80973649	1.00906663	-0.205833	0	No
<i>TMEM67</i>	12.63	10.47	16.32	17.98	0.841526045	1.095839229	-0.16114	0	No
<i>WASHC5</i>	0.57	0.5	1.27	1.08	0.955414013	0.918287195	0	0	No
<i>RPP25L</i>	6.8	6.52	6.65	6.29	0.964102564	0.952673126	0	-0.0801739	No
<i>FAM219A</i>	4.45	4.82	24.11	22.35	1.067889908	0.929741613	0	-0.0209044	No
<i>C9orf24</i>	6.13	4	1.64	1.53	0.701262272	0.960052499	-0.419968	0	No

<i>SNAPC3</i>	0.34	0.79	8.50	9.54	1.335820896	1.109195691	0.678784	0	No
<i>MYORG</i>	1.05	1.99	2.99	3.27	1.458536585	1.071351193	0.431931	0	No
<i>NUDT2</i>	0.7	0.9	<0.1	NA	1.117647059	NA	0	NA	No
<i>TMEM65</i>	10.54	19.18	7.49	8.01	1.748700173	1.060946048	0.761709	0	No
<i>PSIP1</i>	4.26	4.41	0.56	0.81	1.02851711	1.157111105	0	0.0416711	No
<i>CCDC171</i>	5.32	2.31	5.74	5.76	0.523734177	1.002475173	-0.893938	-0.0252232	No
<i>UBAP1</i>	0.85	1.65	1.78	1.72	1.432432432	0.97779684	0.434733	0	No
<i>SYK</i>	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
<i>ABCA1</i>	0.41	1.13	0.99	0.73	1.510638298	0.867805455	0.730442	0	No
<i>NFIL3</i>	3.03	4.18	20.34	21.23	1.285359801	1.041681256	0.289817	-0.0122728	No
<i>LETM2</i>	9.7	9.29	52.55	50.91	0.961682243	0.969289496	0	-0.144265	No
<i>METTL2B</i>	3.23	3.1	7.72	10.03	0.969267139	1.265438006	0	0.125881	No
<i>FXN</i>	0.48	0.26	1.26	1.57	0.851351351	1.13923083	-0.305066	0	No
<i>MAMDC2</i>	0.76	1.25	3.93	4.57	1.278409091	1.128985718	0.287265	0	No
<i>TMC1</i>	9.26	9.84	10.04	12.56	1.056530214	1.228056803	0	0.0794827	No
<i>ALDH1A1</i>	14.64	13.85	3.77	5.23	0.949488491	1.305099593	0	0	No
<i>KDM1B</i>	7.95	3.42	<0.1	NA	0.493854749	NA	-0.977858	NA	No
<i>HGSNAT</i>	8.58	16.5	24.60	28.31	1.826722338	1.14483143	0.822405	0	No
<i>RASEF</i>	8.69	11.88	7.15	8.20	1.329205366	1.128635507	0.330884	0	No
<i>GKAP1</i>	1.22	1.64	6.41	6.36	1.189189189	0.993506366	0.076376	-0.145083	No
<i>KIF27</i>	4.56	7.48	21.01	23.27	1.525179856	1.102830734	0.416542	0	No
<i>C9orf64</i>	5.16	5.66	9.43	10.30	1.081168831	1.0831248	0	0	No
<i>HNRNPK</i>	0.2	0.46	8.75	7.71	1.216666667	0.893476089	0.506384	-0.230252	No
<i>AL353743.1</i>	2.22	2.73	9.05	8.56	1.158385093	0.951414575	0	-0.0646864	No
<i>SVEP1</i>	2.75	2.74	13.10	13.24	0.997333333	1.010262099	0	-0.0085215	No
<i>TRPV6</i>	0.16	0.65	0.58	0.58	1.422413793	0.998033141	1.12443	0	No
<i>ANKS6</i>	8.55	11.15	20.82	19.53	1.272251309	0.94073912	0.209998	-0.0846571	No
<i>FBP1</i>	8.64	7.36	7.62	7.42	0.867219917	0.97640309	-0.125914	-0.0843504	No
<i>ZHX1</i>	37.52	38.65	<0.1	NA	1.02933541	NA	0	NA	No
<i>DYNLT3</i>	0.11	0.09	<0.1	NA	0.981981982	NA	0	NA	No
<i>METTL27</i>	1.56	1.74	2.36	1.76	1.0703125	0.820562228	0	-0.32219	No
<i>MID1IP1</i>	4.1	3.81	3.58	3.45	0.943137255	0.972246374	0	-0.0161824	No
<i>NCF1C</i>	8.45	8.7	25.68	26.71	1.026455026	1.03846684	0	0	No
<i>KIAA1958</i>	8.08	16.82	4.98	6.42	1.962555066	1.241393	0.919471	0.0899483	No
<i>PIGA</i>	3.18	3.58	3.37	3.83	1.09569378	1.106146565	0	0	No
<i>VEGFD</i>	0.16	0.18	4.13	3.29	1.017241379	0.836212306	0	-0.277147	No
<i>OR1Q1</i>	4.26	3.93	5.97	6.48	0.937262357	1.072597283	0	0	No
<i>STRBP</i>	0.42	0.5	3.74	4.44	1.056338028	1.148013156	0	0	No

<i>CLDN3</i>	20.33	17.49	32.57	29.73	0.866854196	0.915431362	-0.110744	-0.202397	No
<i>GAPVD1</i>	6.91	12.9	9.18	9.34	1.757269279	1.015581327	0.78543	-0.0198001	No
<i>CARD19</i>	59.27	23.93	27.92	30.46	0.413638626	1.087957557	-1.202	0	No
<i>WNK2</i>	5.37	5.73	7.61	8.17	1.056514914	1.065409876	0	0	No
<i>ATP7A</i>	2.61	4.78	3.81	4.09	1.601108033	1.057901042	0.625151	0	No
<i>ZNF367</i>	27.44	33.49	47.65	48.74	1.212728551	1.02239536	0.174633	-0.0288465	No
<i>NDUFB6</i>	1.77	0.68	1.71	1.63	0.606498195	0.971350596	-0.720092	0	No
<i>NOL6</i>	25.59	14.67	0.98	0.94	0.589319293	0.977470476	-0.5919	0	No
<i>AQP3</i>	11.13	10.75	<0.1	NA	0.968672712	NA	0	NA	No
<i>TRMT10B</i>	10.16	10.85	3.87	4.28	1.061827957	1.084998164	0	0	No
<i>VCP</i>	224.96	179.47	114.32	110.99	0.798681183	0.971096979	-0.286969	-0.111216	No
<i>PIGO</i>	13.78	22.77	8.64	9.62	1.608254398	1.101933902	0.624809	0	No
<i>STOML2</i>	0.67	1	8.18	6.95	1.19760479	0.866151781	0	-0.207238	No
<i>BRWD3</i>	3.49	3.39	7.95	9.83	0.977728285	1.209951644	0	0	No
<i>MELK</i>	28.88	35.6	36.62	41.59	1.224899598	1.131992894	0.189625	0	No
<i>OTUD1</i>	32.76	44.61	41.61	41.04	1.351007109	0.986651069	0.270054	-0.0415996	No
<i>ARHGAP12</i>	35.98	40.72	55.73	50.31	1.128177393	0.90442163	0.0970842	-0.200316	No
<i>FAT3</i>	181.92	97.31	169.30	138.87	0.537448065	0.821290931	-0.871126	-0.382858	No
<i>FBXO33</i>	33.95	29.7	138.68	142.26	0.878397711	1.025654727	-0.0902522	-0.0693898	No
<i>INTS6L</i>	6.39	6.57	13.01	13.25	1.02435724	1.016798697	0	-0.0041751	No
<i>SPTSSA</i>	3.56	6.13	2.74	3.65	1.563596491	1.243479354	0.56832	0.103659	No
<i>WRN</i>	27.21	29.52	52.95	56.00	1.081885856	1.056533793	0.00304557	0	No
<i>MARCHF8</i>	2.56	3.87	7.72	8.45	1.367977528	1.083148137	0.393952	0	No
<i>CFL2</i>	1.51	1.8	5.42	4.80	1.115537849	0.903344384	0.037149	-0.0942386	No
<i>SUGT1</i>	4.07	6.46	<0.1	NA	1.471400394	NA	0.509319	NA	No
<i>GTF2A1</i>	3.72	3.92	5.91	6.55	1.042372881	1.092686364	0	0	No
<i>ZCCHC24</i>	31.5	53.48	66.65	63.20	1.676307692	0.948946926	0.637074	-0.178052	No
<i>PGM2L1</i>	5.59	6.1	7.60	8.99	1.077389985	1.161956663	0	0.043809	No
<i>INPPL1</i>	0.53	2.49	0.92	0.98	2.281045752	1.03085209	1.72864	0	No
<i>GJB2</i>	7.83	10.63	6.13	7.63	1.317100793	1.211072325	0.331824	0.0507774	No
<i>CRYL1</i>	18.24	22.36	2.88	3.17	1.214137214	1.074950849	0.188283	0	No
<i>REEP3</i>	11.96	18.14	7.91	8.42	1.476851852	1.057609669	0.463225	0	No
<i>SKA3</i>	25.8	49.24	<0.1	NA	1.874626866	NA	0.867553	NA	No
<i>MICU2</i>	0.7	1.09	0.22	0.15	1.229411765	0.941661465	0.155487	0	No
<i>DDIAS</i>	2.44	5.23	108.72	148.61	1.811046512	1.363595675	0.761425	0.251138	No
<i>PCF11</i>	0.22	0.48	31.20	33.64	1.213114754	1.075759148	0.272511	0	No
<i>LRR1</i>	0.67	0.32	15.55	17.22	0.790419162	1.100728234	-0.393438	0	No
<i>RPL36AL</i>	2.39	3.49	19.79	22.04	1.324483776	1.108037647	0.091066	0	No

<i>DNAAF2</i>	2.48	3.85	1.19	0.93	1.393678161	0.881725134	0.408471	-0.254164	No
<i>DEPP1</i>	14.37	16.65	23.44	24.21	1.148340924	1.031581435	0.0739041	0	No
<i>ZNF22-AS1</i>	1.84	1.6	4.57	5.58	0.915492958	1.181395645	0	0	No
<i>ZNF22</i>	230.82	202	<0.1	NA	0.875679406	NA	-0.142821	NA	No
<i>KLHDC2</i>	0.71	0.53	2.30	2.74	0.894736842	1.131998098	0	0	No
<i>EML5</i>	2.11	1.08	2.69	3.90	0.668810289	1.32886988	-0.573528	0.101283	No
<i>NEMF</i>	9.58	16.08	19.30	20.80	1.61436673	1.073977086	0.591227	0	No
<i>RPUSD4</i>	1.38	3.5	8.56	12.36	1.890756303	1.397310746	1.00857	0.220669	No
<i>ARF6</i>	12.51	17.59	18.60	17.40	1.376017765	0.93893627	0.307193	-0.0815768	No
<i>TTC8</i>	3.17	3.73	9.01	10.62	1.134292566	1.160544022	0	0	No
<i>TMEM63C</i>	66	77.98	39.06	39.07	1.17880597	1.000134851	0.180578	-0.0761371	No
<i>AKR1E2</i>	0.36	0.3	0.34	0.10	0.955882353	0.819071771	0	-0.212032	No
<i>KBTBD6</i>	0.24	0.43	0.17	0.34	1.153225806	1.143573666	0.384093	0.351838	No
<i>FAAH2</i>	56.26	46.62	59.35	59.93	0.831645127	1.009541598	-0.198305	-0.0672785	No
<i>DRGX</i>	0.23	0.3	0.36	0.45	1.056910569	1.066608374	0	0	No
<i>NUDT5</i>	6.74	6.95	18.50	19.20	1.027131783	1.036149024	0	0	No
<i>BEND7</i>	1.48	2.38	3.68	4.76	1.362903226	1.231141808	0.449155	0.00143801	No
<i>ATP5F1C</i>	1.09	1.06	1.38	1.95	0.985645933	1.238690794	0	0.0686565	No
<i>PRPF18</i>	1.07	1.45	<0.1	NA	1.183574879	NA	0.0590608	NA	No
<i>TAF3</i>	2.15	2.76	6.45	6.59	1.193650794	1.019402996	0.0832973	0	No
<i>VDAC2</i>	27.14	26.3	<0.1	NA	0.970149254	NA	0	NA	No
<i>COMTD1</i>	3.11	3.22	3.22	3.99	1.02676399	1.182652098	0	0	No
<i>PDZD8</i>	8.78	8.88	50.42	46.83	1.010224949	0.930236827	0	-0.15161	No
<i>ZNF503</i>	13.08	15.34	45.65	34.39	1.160511364	0.758638095	0.107797	-0.49565	No
<i>ABRAXAS2</i>	28.49	19.18	24.74	24.58	0.684299763	0.993724757	-0.418866	-0.002256	No
<i>QSOX2</i>	3.66	6.16	5.43	7.27	1.536480687	1.286568788	0.481529	0.0673252	No
<i>FAM204A</i>	19.46	19.98	26.58	27.90	1.025415445	1.047745123	0	0	No
<i>NSD1</i>	10.48	9.92	17.21	17.05	0.951219512	0.991403177	0	-0.0358706	No
<i>PRDX3</i>	0.77	0.43	7.53	7.58	0.807909605	1.005593749	-0.222252	0	No
<i>ENOX2</i>	98.73	119.79	348.74	327.67	1.211170159	0.939760984	0.210917	-0.182383	No
<i>GHITM</i>	5.8	5.3	10.24	10.37	0.926470588	1.011545602	0	0	No
<i>SNAPC4</i>	0.19	0.13	<0.1	NA	0.949579832	NA	0	NA	No
<i>TMEM52B</i>	9.45	16.12	49.26	58.43	1.638277512	1.182511934	0.635216	0.00511844	No
<i>PMPCA</i>	67.73	63.09	90.47	104.51	0.932489451	1.153464471	-0.0230531	0.013894	No
<i>ENTR1</i>	0.27	0.26	<0.1	NA	0.992125984	NA	0	NA	No
<i>AK8</i>	7.61	8.49	2.63	2.76	1.102206736	1.035724179	0	0	No
<i>SPACA9</i>	1.62	1.86	2.69	2.96	1.091603053	1.073775434	0	0	No
<i>TSC1</i>	0.35	0.33	1.77	2.13	0.985185185	1.130585896	0	0	No

HPRT1	0.88	1.06	<0.1	NA	1.095744681	NA	0	NA	No
BORCS5	10.27	9.9	15.09	16.75	0.967169476	1.103044656	0	0	No
DIPK1B	3.65	2.73	<0.1	NA	0.802150538	NA	-0.240641	NA	No
ZMYND19	7.01	7.04	5.57	6.88	1.003745318	1.200073326	0	0.00174114	No
STOX1	9.55	14.06	9.37	10.19	1.427488152	1.078690759	0.44701	0	No
RET	2.59	2.11	4.45	4.89	0.866295265	1.0814654	0	0	No
DDX21	14.34	18.66	23.84	27.08	1.281616688	1.130458486	0.271199	0	No
BMS1	5	6.98	7.48	8.14	1.33	1.07727742	0.334633	0	No
STK32C	3.16	3.65	45.33	53.02	1.117788462	1.165961386	0	0	No
JCAD	5.14	6.59	8.35	8.75	1.236156352	1.042372017	0.147242	0	No
FUNDC2	2.52	3.5	2.51	2.67	1.278409091	1.045101175	0.154173	0	No
PIP4P1	11.09	16.39	0.12	0.12	1.438378825	0.996245191	0.456534	0	No
METTL17	3.81	6.07	1.27	1.59	1.46985447	1.14288514	0.466079	0	No
SLC39A2	1.19	1.27	6.81	7.81	1.03652968	1.127683919	0	0	No
NDRG2	2.49	3.97	0.16	0.14	1.424068768	0.986572195	0.376958	0	No
RNASE7	15.29	15.62	9.94	9.77	1.020257827	0.984148127	0	0	No
ARHGEF40	2.61	4.64	10.48	13.19	1.56232687	1.2359749	0.6259	0	No
NSMF	6.03	8	13.68	15.07	1.280227596	1.094764268	0.290098	0	No
ZNF219	2.64	3.67	14.04	14.39	1.282967033	1.023513092	0.254793	-0.0246437	No
CASP7	5.34	4.11	10.80	10.69	0.805993691	0.991062509	-0.166592	-0.0344909	No
BTNL9	0.53	0.61	7.73	7.26	1.052287582	0.946009829	0	-0.0281996	No
CCDC186	0.58	0.9	2.59	1.62	1.202531646	0.730207094	0	-0.390045	No
VWA2	9.96	22.53	10.13	10.72	2.14689781	1.052920735	1.08488	0	No
METTL3	1.03	3.26	1.30	1.71	2.098522167	1.178264177	1.26894	0.0534814	No
SALL2	0.27	0.35	0.65	0.63	1.062992126	0.986125799	0	0	No
TRUB1	11.73	7.85	12.58	12.01	0.69520817	0.958164719	-0.459687	-0.0398576	No
ZFYVE1	1.82	2.14	9.50	9.89	1.113475177	1.036961227	0	0	No
HSPA12A	1.2	1.54	19.13	17.59	1.154545455	0.923252283	0.0100223	-0.110466	No
FRAT1	43.26	26.61	46.39	42.76	0.623813827	0.923310736	-0.525015	-0.0758847	No
UBTD1	6.87	7.89	10.16	11.52	1.129606099	1.121489302	0.00710456	0	No
ANKRD2	0.67	0.54	0.72	0.64	0.922155689	0.95285963	0	0	No
E2F7	3.86	6.65	1.60	1.84	1.574074074	1.091375196	0.618304	0	No
ARHGAP42	7.71	3.27	<0.1	NA	0.490241102	NA	-0.981284	NA	No
ISCA2	1.77	2.39	1.86	1.83	1.223826715	0.990004526	0.0544088	-0.236859	No
LARGE2	5.07	6.91	1.75	2.16	1.303130148	1.148661046	0.298942	0	No
PACSIN3	0.31	0.17	<0.1	NA	0.893129771	NA	0	NA	No
TTC7B	0.15	0.32	<0.1	NA	1.147826087	NA	0	NA	No
SLC39A13	2.78	3.92	5.13	5.39	1.301587302	1.041681673	0.134747	0	No

PSMC3	0.87	0.74	1.33	1.88	0.930481283	1.2372276	0	0.142566	No
RAPSN	3.69	4	3.64	4.26	1.066098081	1.134272612	0	0	No
AGBL2	2.04	2.71	5.47	6.83	1.220394737	1.210781867	0.215463	0.102106	No
TC2N	4.28	4.63	<0.1	NA	1.066287879	NA	0	NA	No
CPSF2	3.03	5.25	3.04	3.40	1.550868486	1.089890347	0.458517	0	No
SMCO2	9.57	13.46	14.03	15.27	1.368022706	1.082774399	0.283452	0	No
MOAP1	1.53	2.08	3.08	4.02	1.217391304	1.231588825	0.113088	0.0509971	No
IFI27L1	12.33	9.74	72.78	70.18	0.805701425	0.964802361	-0.190538	-0.109122	No
IFI27	6.62	9.86	9.68	10.02	1.42519685	1.031824467	0.378178	-0.0475299	No
CLMN	3.96	4.61	15.93	16.16	1.131048387	1.013671467	0.0496785	0	No
PTER	17.12	11.28	0.20	0.15	0.677704194	0.961332866	-0.419798	0	No
C1QL3	13.49	16.13	<0.1	NA	1.182194617	NA	0.155238	NA	No
HACD1	5.94	8.75	3.68	4.81	1.404899135	1.241720097	0.362682	0.00211483	No
ARL5B	100.46	82.22	77.71	83.47	0.820224719	1.073194695	-0.211672	0	No
SMCO4	3.89	4.31	8.98	9.48	1.085889571	1.049858451	0	0	No
CEP295	8.21	13.19	<0.1	NA	1.540716612	NA	0.51542	NA	No
TAF1D	2.4	13.61	5.89	4.46	4.297058824	0.793152203	2.06761	-0.303844	No
ABTB2	21.46	46.98	197.16	154.63	2.136242208	0.78536122	1.00417	-0.450682	No
R3HCC1L	1.4	1.86	1.19	0.97	1.191666667	0.898515623	0.160912	-0.212362	No
AMOTL1	2.68	3.05	2.57	2.88	1.100543478	1.087190693	0	0	No
HTRA1	16.35	19.05	34.12	36.95	1.155619597	1.080632476	0.12439	0	No
CEP57	4.79	2.75	3.40	3.18	0.647668394	0.950075283	-0.503261	0	No
TCP11L2	0.52	0.5	2.66	3.14	0.986842105	1.131017183	0	0	No
SPRED1	0.35	1.2	<0.1	NA	1.62962963	NA	0.816984	NA	No
GPR176	4.56	9.04	16.89	17.26	1.805755396	1.020627988	0.803376	0	No
ADAMTS15	1.3	1.6	0.10	0.14	1.130434783	1.033416186	0	0	No
GPT2	3.97	4.12	3.28	4.32	1.030181087	1.243295418	0	0.0632647	No
AMN	5.2	8.29	28.71	32.82	1.498387097	1.138375378	0.442269	0	No
RAB8B	7	5.99	6.28	6.90	0.87375	1.085760473	-0.0927481	0	No
IKBIP	7.48	9.82	7.20	6.88	1.275943396	0.960375075	0.248456	-0.113745	No
RPUSD2	247.98	170.91	1708.23	1740.98	0.690457065	1.019158594	-0.502782	-0.0796718	No
HIF1AN	1.86	1.64	4.37	4.75	0.923076923	1.070922036	0	0	No
NDUFB8	0.57	0.44	<0.1	NA	0.917197452	NA	0	NA	No
ZFYVE19	11.33	17.72	21.55	22.01	1.518248175	1.0204958	0.510249	0	No
PPP1R14D	4.44	4.41	5.37	4.68	0.994485294	0.891621705	0	0	No
SPINT1	108.92	82.14	65.23	61.30	0.756368268	0.940646772	-0.326522	-0.119567	No
FBN1	23.07	22.78	12.24	12.30	0.987951807	1.00464062	0	0	No
DEPDC4	9.89	13.09	25.57	28.47	1.293847567	1.109018134	0.200405	0	No

<i>BRD7</i>	35.29	21.2	17.76	16.92	0.611738771	0.955299227	-0.625466	-0.141674	No
<i>CKB</i>	5.64	6.57	3.99	3.77	1.140060241	0.955842442	0.0289097	-0.0311686	No
<i>TRMT61A</i>	1.72	3.55	6.08	9.49	1.672794118	1.481227375	0.746028	0.248476	No
<i>BTRC</i>	2.91	2.04	0.59	0.35	0.777493606	0.848298677	0	0	No
<i>POLL</i>	8.95	10.19	34.49	35.65	1.124623116	1.032606281	0.00684158	0	No
<i>BAG5</i>	2.46	3.76	5.57	6.16	1.375722543	1.089170518	0.367575	0	No
<i>DPCD</i>	1.32	1.8	2.06	2.68	1.206896552	1.203011433	0.176624	0.0596797	No
<i>LARP6</i>	0.55	0.77	<0.1	NA	1.141935484	NA	0	NA	No
<i>API5</i>	1.48	5.64	0.80	1.09	2.677419355	1.160775129	1.51623	0	No
<i>ZNF319</i>	2.67	2.38	0.26	0.34	0.920980926	1.065954449	0	0	No
<i>HPS6</i>	0.15	0.45	2.13	1.99	1.260869565	0.955000841	0.552672	0	No
<i>SENP8</i>	0.14	0.1	4.96	5.97	0.964912281	1.169647744	0	0	No
<i>NOLC1</i>	11.58	12.11	<0.1	NA	1.042130366	NA	0	NA	No
<i>ALKBH3</i>	12.55	11.85	161.76	164.43	0.948339483	1.016394398	0	-0.0099796	No
<i>COPS2</i>	3.7	5.71	1.84	2.16	1.427659574	1.111271883	0.457323	0	No
<i>TBATA</i>	1.87	2.5	<0.1	NA	1.219512195	NA	0.213599	NA	No
<i>SGPL1</i>	1.06	0.91	2.98	3.27	0.927184466	1.07168927	0	0	No
<i>FRS2</i>	9.04	19.24	<0.1	NA	2.015936255	NA	0.852029	NA	No
<i>CCT2</i>	0.96	2.75	<0.1	NA	1.913265306	NA	0.909292	NA	No
<i>PCBD1</i>	5.8	5.45	7.55	8.01	0.948529412	1.053454612	0	0	No
<i>ARIH1</i>	55.2	74.59	106.48	105.60	1.345017794	0.991786141	0.3785	-0.123781	No
<i>CLMP</i>	20.72	36.53	23.12	21.18	1.727900552	0.919597148	0.640689	-0.0137775	No
<i>COX11</i>	0.29	0.31	5.27	6.19	1.015503876	1.147516896	0	0	No
<i>ZNF202</i>	3.57	5.1	3.44	2.70	1.334792123	0.832859265	0.221772	-0.149937	No
<i>CUL5</i>	7.74	5.14	19.04	17.87	0.702517162	0.941620472	-0.427549	-0.0658652	No
<i>WBP1L</i>	1.78	2.81	7.40	8.26	1.370503597	1.102894436	0.275154	0	No
<i>BORCS7</i>	9.5	9.47	33.22	26.59	0.997142857	0.806263197	0	-0.356796	No
<i>C2</i>	9.73	11.53	7.50	8.25	1.167753961	1.087898187	0.0886556	0	No
<i>PLEKHF1</i>	17.72	18.5	9.63	10.04	1.041666667	1.03891417	0	0	No
<i>ANAPC16</i>	7.57	8.32	6.00	6.62	1.087514586	1.089013901	0	0	No
<i>SMPD1</i>	7.05	5.53	0.31	0.28	0.811180124	0.980869224	0	0	No
<i>APBB1</i>	0.39	1	1.57	1.93	1.438848921	1.141346116	0.57185	0	No
<i>NUDT13</i>	7.39	7.46	1.31	1.11	1.008343266	0.913759701	0	-0.0080159	No
<i>TRIM44</i>	0.27	2.22	6.08	5.89	2.535433071	0.972955479	2.40411	-0.0153759	No
<i>ILK</i>	6.5	9.17	14.51	21.85	1.356	1.473558975	0.36158	0.219424	No
<i>TAF10</i>	28.4	31.8	55.65	50.40	1.115646259	0.907262826	0.0967326	-0.242217	No
<i>TPP1</i>	8.43	5.15	23.70	23.63	0.652173913	0.997161449	-0.425862	0	No
<i>MSS51</i>	18.84	23.26	77.85	82.79	1.222782258	1.0627076	0.216821	-0.0110094	No

CYB5A	41.48	32.03	63.61	66.28	0.777542373	1.041304985	-0.279529	-0.0135276	No
USP54	42.38	39.42	80.86	72.56	0.931765791	0.898655135	0	-0.232569	No
IFTAP	7.81	5.71	<0.1	NA	0.761634506	NA	-0.0821364	NA	No
WDR88	8.38	12.88	8.37	10.65	1.479744136	1.243269644	0.440016	0.0797498	No
ATP9B	10.9	9.25	<0.1	NA	0.861344538	NA	-0.153893	NA	No
PPFIBP2	6.72	7.23	10.25	10.48	1.066062176	1.020111248	0	-0.0137406	No
CYB5R2	63.1	55.6	151.60	160.50	0.88299532	1.058331634	-0.095804	0	No
SERPINB7	9.43	16.04	1.93	1.70	1.633748802	0.921285995	0.580031	0	No
GARRE1	104.87	108.24	159.20	173.36	1.031831491	1.08840046	0.00935849	0	No
SERPINB8	5.69	6.37	8.26	8.68	1.101644245	1.044849539	0	0	No
TUB	2.46	3.17	11.32	11.90	1.205202312	1.047208713	0.0234148	0	No
IDH3A	4.57	6.37	22.44	25.12	1.323159785	1.114536572	0.323965	0	No
CRABP1	3.27	4.94	0.27	0.52	1.391100703	1.198564983	0.363358	0.433466	No
XRRA1	6.79	10.96	17.56	19.99	1.535301669	1.131154307	0.556384	0	No
TRIM66	6.78	6.16	<0.1	NA	0.920308483	NA	-0.0073369	NA	No
RNF169	0.36	1.75	0.89	1.19	2.022058824	1.158095213	1.42235	0	No
RPL27A	11.8	15.06	2.66	3.08	1.2546875	1.115062364	0.225017	0	No
DENND2B	0.6	0.78	0.75	1.13	1.1125	1.217454385	0	0	No
CDYL2	9.48	14.88	<0.1	NA	1.515267176	NA	0.501955	NA	No
PRTG	19.29	22.93	38.07	36.20	1.179398719	0.952176096	0.0205997	-0.117506	No
CENPN	5.29	7.81	7.90	9.97	1.40063593	1.232320838	0.338272	0.100577	No
AKIP1	0.11	0.41	<0.1	NA	1.27027027	NA	0	NA	No
ATMIN	4.64	5.25	6.39	6.82	1.108156028	1.058602069	0	0	No
C16orf46	3.9	5.89	<0.1	NA	1.406122449	NA	0.396319	NA	No
TMEM41B	24.21	16.27	28.60	24.85	0.685045617	0.873343257	-0.333698	-0.22674	No
PKD1L2	1.53	1.8	4.85	4.60	1.106719368	0.956557767	0	0	No
LEO1	10.74	12.75	35.04	36.22	1.17120954	1.03285085	0.12344	0	No
ZNF143	0.18	0.2	0.27	0.25	1.016949153	0.9804299	0	0	No
TMX3	33.38	40.92	13.25	14.57	1.219313554	1.092896466	0.1849	0	No
MFAP4	0.5	1.95	1.01	0.94	1.966666667	0.96757848	1.603	0	No
WEE1	10.59	8.86	5.21	5.48	0.850733391	1.0436974	-0.0107734	0	No
MAPK7	0.88	1.74	1.99	2.43	1.457446809	1.147658792	0.568891	0	No
HDGFL3	1.24	1.5	12.09	12.85	1.116071429	1.058028086	0	0	No
NDST2	0.43	1.1	2.11	2.26	1.468531469	1.048887981	0.844808	0	No
MCM7	0.55	1.22	<0.1	NA	1.432258065	NA	0.488957	NA	No
CCDC68	0.2	0.42	<0.1	NA	1.183333333	NA	0.360063	NA	No
ZNF3	0.11	0.28	0.56	0.77	1.153153153	1.13670996	0	0	No
ZSCAN21	4.76	8.52	2.92	3.36	1.652777778	1.112681815	0.654569	0.014526	No

<i>RIMKLB</i>	6.15	5.33	21.26	24.74	0.885314685	1.156333157	-0.0530065	0.0281455	No
<i>BEAN1</i>	3.11	8.17	<0.1	NA	2.231143552	NA	1.19098	NA	No
<i>TK2</i>	0.91	1.08	0.63	1.39	1.089005236	1.463532568	0	0	No
<i>TMED3</i>	0.48	1.23	0.49	0.64	1.506756757	1.10076168	0.893498	0.0460331	No
<i>SEC11C</i>	7.67	11.42	8.40	8.48	1.432525952	1.008239779	0.356855	0	No
<i>TMEM135</i>	85.65	102.68	217.56	228.88	1.196537796	1.05179963	0.211304	-0.0317544	No
<i>IQCD</i>	0.21	0.54	<0.1	NA	1.272727273	NA	0	NA	No
<i>NDEL1</i>	1.34	1.54	0.17	0.17	1.085470085	1.002691764	0	0	No
<i>CENPV</i>	0.13	0.8	<0.1	NA	1.592920354	NA	1.91734	NA	No
<i>RRAD</i>	4.57	5.6	4.92	4.96	1.18491921	1.006071964	0.129517	-0.0396159	No
<i>CIAO2B</i>	44.2	47.63	<0.1	NA	1.075884956	NA	0	NA	No
<i>HSP90B1</i>	6.89	4.82	9.52	9.97	0.737642586	1.042741865	-0.337985	0	No
<i>BLCAP</i>	2.79	4.72	3.73	5.01	1.509234828	1.269738761	0.42772	0.0262858	No
<i>BEX3</i>	4.35	8.88	<0.1	NA	1.846728972	NA	0.653377	NA	No
<i>TMPRSS5</i>	28.7	18.08	64.10	56.16	0.642424242	0.87800475	-0.547623	-0.284329	No
<i>COG1</i>	0.26	1.01	19.07	20.61	1.595238095	1.076641434	0.260728	0	No
<i>PLEKHA7</i>	0.78	1.18	1.57	1.86	1.224719101	1.113611557	0.287025	0	No
<i>ZNF606</i>	4.28	3.34	2.67	3.48	0.821969697	1.220789182	-0.131446	0.069905	No
<i>B2M</i>	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
<i>ZNF592</i>	4.43	4.64	3.53	3.67	1.038674033	1.031232018	0	0	No
<i>GOLM2</i>	77.21	94.89	<0.1	NA	1.226058049	NA	0.192221	NA	No
<i>NNMT</i>	5.13	6.37	9.46	10.25	1.20228385	1.07598809	0.187722	0	No
<i>AP1G1</i>	29.68	21.41	<0.1	NA	0.730443286	NA	-0.345612	NA	No
<i>SLFN5</i>	4.94	6.37	0.92	1.19	1.240740741	1.138373381	0.24005	0	No
<i>CATSPER2</i>	0.31	0.27	0.66	0.84	0.969465649	1.105578981	0	0	No
<i>ZNF667-AS1</i>	13.33	22.75	8.10	8.56	1.657362177	1.05091818	0.632689	0	No
<i>BMERB1</i>	24.3	23.15	31.88	37.41	0.954545455	1.168200942	0	0	No
<i>MARF1</i>	18.33	28.4	41.46	43.00	1.520951888	1.036277267	0.536983	-0.0117327	No
<i>SAAL1</i>	36.03	134.68	8.38	10.14	3.664056171	1.188104878	1.81704	0	No
<i>YPEL4</i>	1.9	2.74	5.77	5.86	1.289655172	1.012693042	0.0946587	0	No
<i>PPIB</i>	145.94	138.37	83.05	92.21	0.948482374	1.108990494	-0.0348226	0	No
<i>LDHC</i>	9.1	6.72	9.89	8.99	0.764356436	0.917292889	-0.290077	-0.173138	No
<i>CIAO2A</i>	104.4	121.79	91.79	93.31	1.164990512	1.016354091	0.145225	-0.0412703	No
<i>FAM111A</i>	0.91	0.86	1.79	2.30	0.97382199	1.183879643	0	0.096709	No
<i>PCLAF</i>	20.78	25.55	27.45	32.35	1.219008264	1.172245514	0.167622	0	No
<i>KIF7</i>	26.25	26.2	6.75	4.79	0.998165138	0.747018968	0	-0.352775	No
<i>LDHD</i>	5.42	6.32	2.92	3.20	1.140186916	1.071337688	0.0335543	0	No
<i>PLIN1</i>	0.15	0.23	<0.1	NA	1.069565217	NA	0.0119031	NA	No

PEX11A	3.01	4.06	4.64	5.10	1.261845387	1.081454044	0.131558	0	No
TMEM170A	0.81	1.06	<0.1	NA	1.138121547	NA	0	NA	No
MESP1	39.32	43.11	12.40	13.11	1.093998016	1.053201853	0.0278048	0	No
ANPEP	1.15	1.36	4.88	6.14	1.097674419	1.21378471	0	0.0699246	No
SCNN1G	3.58	3.18	<0.1	NA	0.912663755	NA	0	NA	No
RBPMS2	6.58	6.41	1.51	1.98	0.977572559	1.186491632	0	0	No
NAV2	0.96	1.14	19.00	25.19	1.091836735	1.309311454	0	0.0820429	No
ANKDD1A	2.91	5.97	7.26	8.40	1.782608696	1.138184004	0.826733	0	No
C18orf54	1.41	3.17	4.02	4.39	1.730290456	1.072863381	0.824017	0	No
DCTN5	0.26	0.59	0.46	0.72	1.261904762	1.1762217	0.592388	0.134654	No
TERF2IP	27.71	28.06	113.05	110.94	1.012190874	0.981534272	0	-0.134758	No
PLK1	0.41	1.21	<0.1	NA	1.567375887	NA	0.683114	NA	No
CLPX	2.47	1.44	5.31	5.15	0.703170029	0.975109629	-0.38613	0	No
ZBTB39	5.93	5.95	7.71	9.42	1.002886003	1.196818592	0	0.0756543	No
CHP2	5.88	10.81	10.41	11.71	1.716569767	1.114338424	0.648596	0	No
NEMP1	7.05	10.72	17.21	18.48	1.455900621	1.069731688	0.407678	0	No
NAB2	2.17	3.14	4.26	4.31	1.305993691	1.0100836	0.235803	0	No
VPS39	5.55	3.84	7.87	7.82	0.738931298	0.99479967	-0.368854	0	No
STAT6	10.04	14.05	22.16	21.47	1.363224638	0.970105377	0.273881	-0.0214411	No
PATL1	179.83	169.6	280.60	279.16	0.943427529	0.994894919	0	-0.0785817	No
ATP23	6.97	10.12	7.20	6.99	1.39523212	0.974346907	0.31697	0	No
ELFN2	17.51	11.54	<0.1	NA	0.677471637	NA	-0.431295	NA	No
STX3	0.4	1.2	<0.1	NA	1.571428571	NA	0.789258	NA	No
MRPL16	5.54	5.36	16.37	14.94	0.972477064	0.917544305	0	-0.151615	No
PIP4K2C	8.97	8.16	9.68	9.04	0.918756269	0.940486625	0	-0.0727438	No
MTMR10	0.35	0.3	0.37	0.48	0.962962963	1.076956872	0	0	No
YWHAB	1.65	1.37	11.87	13.68	0.894339623	1.140965366	0	0	No
C15orf48	10.32	7.17	14.20	14.71	0.721731449	1.033322361	-0.339222	0	No
NYAP1	63.56	64.44	61.33	56.44	1.013630731	0.92154952	0	-0.214181	No
TSC22D4	3.77	2.95	2.83	2.27	0.828092243	0.853322755	-0.110927	0	No
DIS3L	0.25	0.24	0.32	0.21	0.992	0.914571006	0	-0.36207	No
CCNDBP1	7.52	7.84	1.29	2.23	1.037558685	1.411841623	0	0.0876899	No
SMAD3	2.37	2.42	2.60	2.60	1.014836795	0.999658626	0	0	No
RCCD1	0.71	0.56	<0.1	NA	0.912280702	NA	0	NA	No
AKTIP	0.46	0.83	<0.1	NA	1.253424658	NA	0.0190959	NA	No
MAPRE2	15.86	16.34	31.77	37.23	1.028469751	1.166743274	0	0	No
EVA1C	0.84	0.89	0.28	0.23	1.027173913	0.964065864	0	0	No
MARS1	54.39	50.97	<0.1	NA	0.938256003	NA	0	NA	No

<i>MBD6</i>	4.73	5.76	11.46	12.86	1.179755672	1.112607347	0	0	No
<i>CNPY4</i>	2.88	2.97	4.66	5.45	1.023195876	1.138955126	0	0	No
<i>PDIA3</i>	18.19	17.26	14.86	14.95	0.951537259	1.005438088	0	0	No
<i>NUDT21</i>	13.2	10.91	19.88	18.11	0.838732394	0.915227383	-0.0443539	0	No
<i>NKX3-1</i>	2.71	3.42	4.47	3.99	1.191374663	0.91164448	0.13609	-0.184724	No
<i>SGSM1</i>	8.12	7	28.38	27.42	0.877192982	0.967275558	0	-0.113092	No
<i>AL357033.1</i>	13.8	13.81	<0.1	NA	1.000675676	NA	0	NA	No
<i>DUSP18</i>	14.66	13.29	7.66	7.12	0.912515964	0.937268654	-0.0030258	-0.111743	No
<i>TEF</i>	0.65	0.79	10.09	9.51	1.084848485	0.947799737	0	-0.0772062	No
<i>MEI1</i>	7.16	10.1	11.41	12.31	1.360294118	1.072584207	0.39917	0	No
<i>B4GALNT2</i>	38.16	37.25	168.03	177.08	0.976762002	1.053553184	0	0	No
<i>PBX3</i>	4.46	5.07	3.84	3.76	1.111721612	0.982742315	0	0	No
<i>PHB</i>	52.76	54.07	104.37	109.44	1.02436756	1.04809413	0	-0.0183826	No
<i>SNRPD1</i>	7.79	10.27	19.02	19.04	1.282138794	1.0010465	0.234607	-0.0509059	No
<i>PIP5KL1</i>	0.51	4.76	<0.1	NA	3.814569536	NA	2.63234	NA	No
<i>TMEM92</i>	19.87	17.64	61.61	62.44	0.893148059	1.013265489	-0.0727181	-0.0857241	No
<i>FAM102A</i>	27.96	65.17	<0.1	NA	2.284875691	NA	1.12222	NA	No
<i>ACSF2</i>	0.92	0.66	0.34	0.14	0.864583333	0.854456988	0	0	No
<i>GOLGA2</i>	3.65	4.9	<0.1	NA	1.268817204	NA	0.104224	NA	No
<i>TRUB2</i>	2.52	3.25	3.44	4.30	1.207386364	1.193581247	0.207973	0.0328263	No
<i>COQ4</i>	45.24	58.73	30.88	31.11	1.291738754	1.007106695	0.255893	0	No
<i>SLC27A4</i>	1.76	2.6	<0.1	NA	1.304347826	NA	0.262663	NA	No
<i>URM1</i>	1.12	2.82	<0.1	NA	1.801886792	NA	0.865421	NA	No
<i>CERCAM</i>	24.61	40.9	55.69	50.29	1.636079656	0.90476308	0.605113	-0.20326	No
<i>DOLPP1</i>	0.12	0.67	0.20	0.14	1.491071429	0.946211106	0.969915	0	No
<i>ENDOG</i>	0.26	0.82	53.66	47.52	1.444444444	0.88772694	0.97207	-0.25629	No
<i>PRRX2</i>	17.81	24.18	41.02	39.89	1.338649654	0.973078688	0.33242	-0.115309	No
<i>UGT1A6</i>	13.06	12.17	9.70	10.38	0.936699858	1.063139587	0	0	No
<i>C15orf39</i>	13.59	15.01	6.28	5.76	1.097326936	0.929027271	0	-0.0875282	No
<i>ISLR2</i>	2.18	6.26	<0.1	NA	2.283018868	NA	1.32403	NA	No
<i>SP2</i>	3.22	3.74	8.05	7.98	1.123222749	0.992598641	0.0304807	-0.0568579	No
<i>PRR15L</i>	23.1	16.25	<0.1	NA	0.715767635	NA	-0.376885	NA	No
<i>COQ7</i>	13.69	9.66	35.81	36.53	0.725663717	1.019443912	-0.344772	-0.0596257	No
<i>GPRC5B</i>	0.17	0.07	<0.1	NA	0.914529915	NA	0	NA	No
<i>CRK</i>	2.24	2.11	8.64	14.97	0.959876543	1.656390326	0	0.459633	No
<i>FBXO22</i>	2.18	3.47	12.47	14.61	1.405660377	1.158824299	0.436095	0	No
<i>TBC1D2B</i>	25.26	36.32	64.16	58.61	1.421172887	0.914870271	0.433509	-0.233378	No
<i>NOD2</i>	8.39	5.36	6.26	5.78	0.677316294	0.934217692	-0.480518	-0.0585413	No

HDHD2	5.98	10.64	6.94	9.77	1.667621777	1.356382344	0.6238	0.184959	No
ZNF91	0.39	0.39	1.12	1.86	1	1.349503826	0	0	No
RNF214	1.53	1.78	0.97	1.17	1.098814229	1.100179868	0	0	No
CDK12	0.75	1.01	<0.1	NA	1.148571429	NA	0	NA	No
DPEP2	13.9	12.95	38.72	45.52	0.936241611	1.171323741	0	0	No
DUS2	0.78	1.01	<0.1	NA	1.129213483	NA	0	NA	No
POP5	2.47	3.47	6.03	5.46	1.288184438	0.918689612	0.15396	-0.0397391	No
ENGASE	6.42	9.37	5.25	5.26	1.397574124	1.000989462	0.373094	0	No
ATP5MG	0.14	0.34	0.14	0.13	1.175438596	0.994205115	0.716332	0	No
CD3D	0.59	1.25	12.76	11.69	1.41509434	0.922209797	0.348814	-0.136056	No
TBC1D16	25.12	17.9	20.89	17.46	0.723583461	0.84343101	-0.302561	-0.242444	No
TEPSIN	11.86	39.45	<0.1	NA	3.145412131	NA	1.52107	NA	No
MYO5B	1.71	3.12	4.58	5.19	1.520295203	1.108448394	0.573383	0	No
ACAA2	0.6	1.88	0.16	0.52	1.8	1.314397512	1.28049	0.715028	No
STIM1	6.03	6.18	19.18	14.50	1.021337127	0.768016299	0	-0.30843	No
RRM1	5.55	5.05	<0.1	NA	0.923664122	NA	0	NA	No
FN3K	45.17	40.66	4.89	4.82	0.902317522	0.988101846	-0.0507143	0	No
PRRT2	1.14	0.88	10.24	8.65	0.878504673	0.85887553	-0.139206	-0.205194	No
ZNF23	15.32	13.64	24.87	27.82	0.897058824	1.114045992	-0.0319989	0	No
IRGQ	0.26	3.1	<0.1	NA	3.253968254	NA	2.20887	NA	No
ZNF226	0.36	0.56	0.27	0.31	1.147058824	1.032733508	0	0	No
ZNF180	3.33	2.77	<0.1	NA	0.870669746	NA	-0.0113191	NA	No
PPP2R3B	4.1	5.78	13.54	14.81	1.329411765	1.087214845	0.361053	0	No
ZNF668	0.32	0.16	0.24	0.20	0.878787879	0.967758736	0	0	No
ZNF646	10.65	14.72	6.34	7.58	1.349356223	1.168816025	0.270084	0	No
VKORC1	8.17	7.52	26.31	25.19	0.929116685	0.959119776	0	0	No
SMG8	27.25	147.31	0.64	6.01	5.249911504	4.272739238	2.35507	1.93815	No
TPM4	3.72	2.15	0.21	0.32	0.667372881	1.093612659	-0.620942	0.136546	No
RAB8A	2.88	2.83	9.96	9.90	0.987113402	0.994078718	0	0	No
GPX4	0.18	0.36	0.16	0.18	1.152542373	1.020432279	0	0	No
MIDN	4.85	6.66	2.71	3.97	1.309401709	1.33993417	0.221586	0	No
JSRP1	3.24	3.84	2.31	3.25	1.141509434	1.283018495	0.0296259	0.182026	No
KLHL26	20.2	8.55	26.84	25.99	0.450471698	0.969491577	-0.941752	0	No
GATAD2A	1.62	2.19	3.79	4.82	1.217557252	1.215096679	0.168616	0.0295384	No
MVD	5.82	3.17	24.92	29.21	0.61143695	1.16552827	-0.684369	0	No
CDT1	10.5	18.26	4.85	4.47	1.674782609	0.935571079	0.664606	-0.144943	No
TRAPPC2L	1.99	3.38	4.21	4.65	1.464882943	1.084698713	0.397859	0	No
ANKRD11	17.35	19.46	5.47	5.47	1.114986376	0.999683204	0.0846582	-0.0399324	No

SPATA33	13.54	9.8	<0.1	NA	0.742778542	NA	-0.249887	NA	No
RSKR	6.82	8.46	17.47	16.93	1.20971867	0.970773172	0.160971	-0.0727695	No
PROCA1	0.49	0.52	0.21	0.16	1.020134228	0.958454249	0	0	No
RPL13	1.5	1.29	0.29	0.41	0.916	1.090544067	0	0	No
ZNF641	6.46	10.52	0.51	0.70	1.544235925	1.124084148	0.521094	0	No
CACNB3	0.39	0.58	2.55	5.93	1.136690647	1.950946572	0	0.861722	No
DHRS13	29.16	27.02	31.15	20.97	0.929045093	0.683361106	-0.0278519	-0.637919	No
TP53I13	9.72	10.15	<0.1	NA	1.04011194	NA	0	NA	No
KMT2D	1.4	2.2	8.74	10.91	1.333333333	1.222558593	0.276699	0.0535596	No
CORO6	1.8	2.26	6.91	7.82	1.164285714	1.115180816	0	0	No
RHEBL1	8.55	8.73	13.85	11.62	1.018848168	0.849503219	0	-0.23808	No
TUBA1A	2.32	2.97	9.63	11.77	1.195783133	1.201471564	0.176785	0.008396	No
TUBA1C	7.03	5.98	194.01	193.11	0.869240349	0.995371034	0	-0.0494637	No
ZNF610	17.24	16.26	13.25	15.11	0.94627193	1.130604964	0	0	No
ZNF528	0.12	1.91	<0.1	NA	2.598214286	NA	1.64652	NA	No
ZNF701	151.58	104.29	14.67	16.66	0.690064229	1.12700078	-0.48699	0	No
SERTAD3	1.49	0.86	0.15	0.13	0.746987952	0.986853862	-0.530896	0	No
NCKAP5L	0.41	0.29	2.23	1.63	0.914893617	0.81470725	0	0	No
GPD1	10.95	11.38	18.28	19.10	1.035983264	1.042738417	0	0	No
PROSER3	16.11	82.22	45.52	48.27	4.863822326	1.05906585	2.21513	0	No
CYP2S1	19.36	27.55	7.87	6.89	1.402259332	0.889798953	0.38103	-0.169032	No
AXL	1.37	1.87	1.70	1.83	1.210970464	1.049134556	0.10235	0	No
NFKBID	4.23	3.16	11.83	10.22	0.79541109	0.874288944	-0.172736	-0.168182	No
TMC4	9.69	11.77	7.63	8.49	1.194574369	1.099179198	0.134883	0	No
TTYH1	6.23	4.67	14.61	13.50	0.784232365	0.928986632	-0.0500553	0	No
LENG8	9.59	8.04	0.52	0.79	0.853635505	1.179776357	-0.0969561	0	No
CDC42EP5	16.03	23.16	31.72	34.82	1.41867293	1.094821247	0.413512	0	No
TMEM145	7.08	10.07	5.24	4.63	1.370049505	0.902119256	0.324496	-0.161515	No
ZNF526	5.61	5.5	31.71	28.28	0.983358548	0.89514494	0	-0.225369	No
TRAPPC9	0.25	0.39	0.56	1.14	1.112	1.370235053	0	0.158804	No
ZNF146	28.47	36.06	43.85	45.10	1.257550051	1.027876382	0.243568	-0.0571662	No
ZNF283	6.99	10.9	6.85	7.39	1.489361702	1.069353142	0.399173	0	No
PPP1R14A	5.89	5.16	13.98	15.01	0.894049347	1.068951778	-0.0207552	0	No
SPINT2	0.25	1	<0.1	NA	1.6	NA	0.4024	NA	No
YIF1B	5.17	7.08	2.84	4.01	1.309562399	1.305550656	0.290903	0.119413	No
DNAAF3	1.42	2.42	1.39	1.51	1.41322314	1.052231633	0.466902	0	No
PSCA	36.41	49.56	91.80	101.19	1.351510291	1.101167975	0.362542	0	No
LY6D	28.05	18.18	38.91	38.03	0.660240964	0.977998488	-0.428127	-0.0035	No

<i>DAPK3</i>	2.36	2.01	10.72	11.50	0.895833333	1.066786092	-0.0717667	0	No
<i>EEF2</i>	23.67	17.74	<0.1	NA	0.759627077	NA	-0.307771	NA	No
<i>CHAF1A</i>	4.62	6.01	5.26	6.19	1.247330961	1.149318237	0.200209	0	No
<i>UBXN6</i>	3.04	3.35	3.10	3.55	1.076732673	1.109464895	0	0	No
<i>HDGFL2</i>	3.07	3.6	6.78	7.21	1.13022113	1.055288566	0	0	No
<i>PLIN4</i>	2.57	3.31	9.68	10.38	1.207282913	1.065274352	0.134689	0	No
<i>SEMA6B</i>	0.58	1.52	<0.1	NA	1.594936709	NA	0.666019	NA	No
<i>ZNF444</i>	0.75	1.85	1.50	2.19	1.628571429	1.276357943	0.85931	0	No
<i>NXN</i>	21.05	29.33	5.62	4.62	1.375510204	0.849437499	0.332009	-0.222139	No
<i>TLCD3A</i>	11.16	9.84	17.43	16.81	0.891447368	0.966342148	-0.0187557	-0.0835065	No
<i>GLOD4</i>	4.06	3.8	7.42	7.74	0.948616601	1.037985185	0	0	No
<i>MFSD3</i>	2.2	3.89	1.02	2.20	1.528125	1.583770121	0.536025	0.4557	No
<i>GPT</i>	0.47	0.13	3.89	4.39	0.768707483	1.103156374	-0.0803209	0	No
<i>KIFC2</i>	6.36	9.03	13.29	14.60	1.362771739	1.091910515	0.393915	0	No
<i>SLC43A2</i>	6.33	7.88	160.70	165.42	1.211459754	1.029214205	0.144994	-0.0447836	No
<i>RILP</i>	7.38	7.51	54.29	48.87	1.015513126	0.901951523	0	-0.187377	No
<i>SERPINF2</i>	0.13	0.15	0.59	0.71	1.017699115	1.078007719	0	0	No
<i>WDR81</i>	2.31	1.53	31.73	30.46	0.764350453	0.961208125	-0.330387	-0.0428233	No
<i>SRR</i>	1.2	0.79	1.69	2.02	0.813636364	1.123740519	-0.233575	0	No
<i>TSR1</i>	1.41	1.56	<0.1	NA	1.062240664	NA	0	NA	No
<i>TRPV3</i>	0.43	0.93	0.84	0.95	1.34965035	1.057393323	0.0377419	0	No
<i>HSD11B1L</i>	0.25	0.41	7.61	6.79	1.128	0.905202711	0.195105	-0.111206	No
<i>CYB5D2</i>	0.38	0.45	6.41	6.54	1.050724638	1.017619921	0	0	No
<i>GGT6</i>	1.24	2.63	1.81	2.60	1.620535714	1.281519563	0.792079	0	No
<i>C19orf48</i>	8.98	3.18	<0.1	NA	0.418837675	NA	-1.18813	NA	No
<i>KLK1</i>	2.95	5.19	<0.1	NA	1.567088608	NA	0.605554	NA	No
<i>KLK5</i>	0.74	0.88	29.04	25.94	1.08045977	0.896737469	0	-0.225605	No
<i>KLK6</i>	1.62	2.68	<0.1	NA	1.404580153	NA	0.434635	NA	No
<i>KLK11</i>	4.5	4.79	18.38	20.85	1.052727273	1.127479975	0	0	No
<i>KLK13</i>	1.01	1.17	3.57	4.89	1.07960199	1.289756458	0	0.186497	No
<i>ZNF83</i>	0.36	0.48	1.53	2.23	1.088235294	1.275822015	0	0.250126	No
<i>KRT80</i>	2.09	2.44	2.86	3.17	1.113268608	1.079722442	0	0.0425167	No
<i>OTUB1</i>	105.64	63.16	49.24	52.94	0.601650413	1.073644548	-0.694838	0	No
<i>RCOR2</i>	3.22	2.67	<0.1	NA	0.869668246	NA	-0.100721	NA	No
<i>ANGPTL4</i>	0.33	0.48	2.62	2.91	1.112781955	1.081280778	0	0	No
<i>AC010323.1</i>	0.11	0.08	<0.1	NA	0.972972973	NA	0	NA	No
<i>CD320</i>	13.86	21.93	10.95	13.85	1.543068641	1.242670961	0.520936	0.00647849	No
<i>SPRYD3</i>	14.6	20.78	28.29	30.77	1.396153846	1.084678675	0.334966	0	No

<i>IGFBP6</i>	9.78	15.88	5.38	6.94	1.565862709	1.245087439	0.573152	0.049816	No
<i>SOAT2</i>	0.18	0.18	0.62	0.67	1	1.028203351	0	0	No
<i>ZNF558</i>	12.5	13.64	7.18	8.03	1.084444444	1.10421739	0	0	No
<i>NDUFV1</i>	1.62	1.77	<0.1	NA	1.057251908	NA	0	NA	No
<i>CDK2AP2</i>	7.52	8.74	27.23	27.37	1.143192488	1.005063493	0	-0.0459587	No
<i>NUDT8</i>	6.7	8.26	5.04	5.34	1.202597403	1.048914806	0.106016	0	No
<i>PRDX2</i>	0.7	1.05	16.46	20.67	1.205882353	1.24084281	0.147354	0.124003	No
<i>ZNF232</i>	0.23	0.71	1.57	2.02	1.390243902	1.176651592	0.0523193	0	No
<i>MIS12</i>	3.87	6.71	13.73	13.67	1.583162218	0.995819136	0.633514	-0.0340285	No
<i>HID1</i>	5.41	7.12	24.07	23.33	1.266770671	0.970341749	0.202264	-0.0897556	No
<i>MRPL58</i>	0.61	1	17.26	20.54	1.242236025	1.17962964	0.132423	0	No
<i>ATP5PD</i>	60.74	69.38	269.10	272.95	1.139941691	1.014253011	0.126965	-0.0839769	No
<i>TMEM88</i>	0.35	0.59	<0.1	NA	1.177777778	NA	0.023115	NA	No
<i>EVPL</i>	1.81	2.01	6.57	7.81	1.071174377	1.163802087	0	0	No
<i>SRP68</i>	1.45	1.89	1.01	1.05	1.179591837	1.019099801	0	0	No
<i>MGAT5B</i>	0.62	0.55	0.40	0.46	0.956790123	1.040832376	0	0	No
<i>TMC8</i>	1.22	0.95	<0.1	NA	0.878378378	NA	0	NA	No
<i>TK1</i>	10.47	5.38	31.93	30.51	0.556233653	0.956734684	-0.866097	-0.116479	No
<i>TMEM68</i>	1.97	2.35	40.16	43.71	1.127946128	1.086324861	0	0	No
<i>AC090152.1</i>	1.85	1.71	2.00	2.01	0.950877193	1.003958248	0	0	No
<i>GSDMA</i>	1.13	3.39	2.55	3.83	2.061032864	1.360134547	1.05157	0.0224759	No
<i>TMEM99</i>	11.04	9.13	10.14	9.77	0.841362126	0.966529012	-0.151393	-0.091967	No
<i>GHDC</i>	16.62	17.95	26.45	24.35	1.075482406	0.923488256	0	-0.20785	No
<i>FAM234A</i>	0.8	32.22	<0.1	NA	18.45555556	NA	4.65442	NA	No
<i>ZNF598</i>	73.08	66.09	<0.1	NA	0.905642549	NA	-0.0170735	NA	No
<i>RAB26</i>	246.86	143.47	224.99	240.56	0.582869362	1.068889723	-0.745416	-0.0114181	No
<i>MLST8</i>	20.42	18.96	24.84	28.56	0.931839402	1.143833755	-0.0189761	0	No
<i>E4F1</i>	120.14	88.02	<0.1	NA	0.734852237	NA	-0.345638	NA	No
<i>DNASE1L2</i>	0.26	0.8	0.35	0.24	1.428571429	0.917853497	0.516501	0	No
<i>ECI1</i>	10.77	12.95	8.40	8.45	1.185216653	1.005630905	0.126952	0	No
<i>CASKIN1</i>	3.1	4.66	0.19	0.23	1.380487805	1.035996833	0.417254	0	No
<i>ABCA3</i>	1	2.45	0.60	0.69	1.725	1.05406244	0.958301	0	No
<i>KCTD5</i>	3.24	3.87	9.06	9.24	1.148584906	1.017779742	0.0517081	-0.0231913	No
<i>SRRM2</i>	4.91	5.37	<0.1	NA	1.077834179	NA	0	NA	No
<i>SDHAF2</i>	1.52	1.81	<0.1	NA	1.115079365	NA	0	NA	No
<i>DDB1</i>	10.57	10.83	10.01	13.30	1.02247191	1.298902639	0	0.163413	No
<i>VPS37C</i>	4.17	2.96	1.06	1.22	0.765957447	1.075468701	-0.314731	0	No
<i>RAB31L1</i>	0.12	0.2	2.03	1.72	1.071428571	0.89931532	0	0	No

<i>BEST1</i>	2.09	3.03	<0.1	NA	1.30420712	NA	0.33644	NA	No
<i>FTH1</i>	0.15	0.68	<0.1	NA	1.460869565	NA	0.817171	NA	No
<i>BSCL2</i>	3.93	6.59	<0.1	NA	1.539553753	NA	0.597582	NA	No
<i>POLR2G</i>	4.69	4.21	15.35	13.49	0.915641476	0.886487885	0	-0.0823731	No
<i>SLC3A2</i>	0.26	0.84	<0.1	NA	1.46031746	NA	0.862895	NA	No
<i>SPINDOC</i>	182.59	104.38	397.76	397.33	0.573996405	0.998924249	-0.734329	-0.0622685	No
<i>ATG16L2</i>	0.13	0.36	<0.1	NA	1.203539823	NA	0	NA	No
<i>C2CD3</i>	12.96	15.62	<0.1	NA	1.190544413	NA	0.0750845	NA	No
<i>TRANK1</i>	6.03	11.69	14.79	25.07	1.80512091	1.650799256	0.81153	0.533154	No
<i>TTC21A</i>	2.33	2.82	<0.1	NA	1.147147147	NA	0	NA	No
<i>RPSA</i>	6.19	7.3	2.14	2.58	1.154381085	1.139768551	0.0489278	0	No
<i>ENTPD3</i>	4.2	10.67	5.56	4.96	2.244230769	0.908662434	1.05573	-0.0730555	No
<i>CTNNB1</i>	0.24	0.14	<0.1	NA	0.919354839	NA	0	NA	No
<i>ULK4</i>	3.03	2.61	0.82	0.97	0.895781638	1.079671451	0	0	No
<i>FADD</i>	2.63	3.29	4.29	4.97	1.181818182	1.128113736	0.0508313	0	No
<i>LTBP3</i>	8.69	9.99	3.54	5.04	1.134158927	1.329511151	0	0.040009	No
<i>NAALADL1</i>	106.24	50.63	194.77	215.77	0.481443491	1.10725654	-1.00914	0	No
<i>SAC3D1</i>	0.74	1	<0.1	NA	1.149425287	NA	0	NA	No
<i>BATF2</i>	0.91	2.39	0.23	0.20	1.77486911	0.978986716	0.733245	0	No
<i>SF1</i>	4.25	3.39	0.33	0.30	0.836190476	0.977923489	-0.182543	0	No
<i>MAP4K2</i>	0.67	1.41	1.37	1.65	1.443113772	1.119441622	0.566882	0	No
<i>MAJIN</i>	0.25	0.4	2.84	3.63	1.12	1.205447468	0	0.00254218	No
<i>CCDC88B</i>	9.67	11.11	15.80	18.44	1.134957826	1.156934783	0.104143	0.00780384	No
<i>SCARA3</i>	20.37	26.26	31.75	32.10	1.275620028	1.010723502	0.257751	-0.03315	No
<i>PBK</i>	38.84	29.91	121.10	94.82	0.775853414	0.784802826	-0.29044	-0.45963	No
<i>COPS6</i>	5.59	7.32	21.21	20.09	1.262518968	0.949380145	0.203556	-0.112835	No
<i>PAFAH1B2</i>	1.33	2.16	2.79	2.95	1.356223176	1.042993727	0.355401	0	No
<i>ANKS3</i>	6.01	14.73	14.19	17.38	2.243937233	1.210304636	1.13751	0.056748	No
<i>NUDT16L1</i>	11.19	14.6	19.87	21.25	1.27973749	1.066007138	0.200905	0	No
<i>KIAA1586</i>	7.95	6.79	15.75	15.39	0.870391061	0.97847745	-0.0874603	-0.120039	No
<i>RAB4A</i>	15.01	16.95	73.16	78.28	1.121174266	1.069069138	0.0733036	0	No
<i>OR1F1</i>	36.22	34.88	16.85	18.27	0.963997851	1.079657622	0	0	No
<i>SETD5</i>	1.8	1.78	<0.1	NA	0.992857143	NA	0	NA	No
<i>VASN</i>	4.14	3.05	0.10	0.39	0.787937743	1.263187222	-0.244415	1.10488	No
<i>FAM83B</i>	8.52	14.58	3.42	3.87	1.636554622	1.102795397	0.651526	0	No
<i>THAP9</i>	21.51	24.19	49.58	49.72	1.119058196	1.002826124	0.0134464	-0.0032828	No
<i>RNF187</i>	30.82	36.97	6.60	7.86	1.19327467	1.1653257	0.158252	0	No
<i>HOOK3</i>	0.7	0.94	11.67	12.40	1.141176471	1.057678902	0.0155136	0	No

MAPK1IP1L	39.78	39.74	78.40	81.00	0.999019127	1.032698407	0	-0.0354621	No
DDIT4	73.7	18.43	<0.1	NA	0.260107095	NA	-1.82958	NA	No
RBPJ	0.21	1.01	<0.1	NA	1.661157025	NA	1.29717	NA	No
LMBRD1	12.81	13.63	97.38	89.86	1.059377263	0.923514617	0	-0.196105	No
ZCCHC4	4.55	6.34	9.39	10.47	1.322522523	1.104101677	0.272471	0	No
TTC39C	3.43	5.44	11.48	11.21	1.453724605	0.978261792	0.458409	0	No
GLYCTK	23.1	20.36	18.66	15.05	0.886307054	0.816343705	-0.105292	-0.314711	No
GNG4	11.9	9.77	53.84	52.39	0.834883721	0.973619346	-0.134482	-0.100952	No
UBTD2	8.39	9.01	5.58	6.15	1.066027689	1.086265341	0	0	No
POLR2J3	0.24	0.32	15.43	18.81	1.064516129	1.205521421	0	0.0636854	No
NKIRAS2	3.61	2.37	0.87	0.63	0.731019523	0.869154324	-0.298747	0	No
DNAJC7	43.43	24.94	<0.1	NA	0.583839748	NA	-0.726837	NA	No
IRF2BP2	5.94	6.75	32.70	36.40	1.116714697	1.109924246	0.00142357	0	No
NT5DC2	0.94	1.31	5.57	5.10	1.190721649	0.928300758	0	-0.159324	No
FOXI1	35.96	31.42	33.93	36.07	0.877164502	1.061299083	-0.117082	0	No
SMIM4	4.66	6.03	0.80	0.79	1.24204947	0.994979562	0.106004	0	No
COA6	0.53	0.62	<0.1	NA	1.058823529	NA	0	NA	No
KIF5C	0.19	0.66	<0.1	NA	1.394957983	NA	0.0622507	NA	No
MGAT2	0.5	0.65	1.41	1.88	1.1	1.195488752	0	0	No
BMI1	8.73	7.09	3.85	3.73	0.831449126	0.974694266	-0.120469	0	No
THAP11	0.16	2.08	2.17	1.77	2.655172414	0.87243399	2.9646	0	No
MMADHC	0.34	0.23	<0.1	NA	0.917910448	NA	0	NA	No
PDHB	2.62	3.04	44.38	37.38	1.116022099	0.845660752	0	-0.176468	No
PXK	66.01	56.9	124.93	116.00	0.864050142	0.92906057	-0.142514	-0.155036	No
H1-4	10.36	10.57	46.20	48.35	1.018485915	1.045625793	0	-0.015755	No
PCMTD1	4.66	6.81	5.48	5.16	1.379858657	0.950748086	0.291097	0	No
KCTD6	1.54	2.81	0.17	0.50	1.5	1.279086887	0.427284	0.359747	No
MPLKIP	26.38	18.73	5.42	4.68	0.720598977	0.885318795	-0.402211	-0.187904	No
ACOX2	17.71	18.6	14.27	16.60	1.047568145	1.152817448	0	0	No
IRF2	41.19	24.24	17.41	17.28	0.59824603	0.993171054	-0.689818	-0.09453	No
DEGS2	9.38	7.6	27.51	25.74	0.828516378	0.938029579	-0.146587	-0.113521	No
ARF4	20.62	19.13	18.50	17.50	0.931082331	0.9487125	0	0	No
SEPTIN2	11.46	24.86	10.86	11.65	2.075441413	1.066996676	0.963466	0	No
MFSD2A	24.06	15.94	22.05	20.15	0.675977654	0.917532952	-0.474202	-0.203193	No
DTYMK	25.52	18.78	41.50	29.27	0.745852187	0.712344925	-0.346416	-0.572129	No
TAP1	23.19	18.83	7.73	7.41	0.819760232	0.963685908	-0.14034	0	No
ING5	18.4	29.8	47.95	44.13	1.587628866	0.921965695	0.481391	-0.136898	No
ATG4B	6.84	16.9	<0.1	NA	2.283163265	NA	0.998325	NA	No

<i>BDKRB2</i>	0.35	0.36	<0.1	NA	1.007407407	NA	0	NA	No
<i>MLKL</i>	17.16	18.92	19.89	19.62	1.0969163	0.987112644	0.03319	-0.0766695	No
<i>CMAHP</i>	0.48	0.85	<0.1	NA	1.25	NA	0.236049	NA	No
<i>RFWD3</i>	6.43	9.88	14.92	14.98	1.464333782	1.003631079	0.414517	-0.044448	No
<i>KLHL30</i>	0.95	0.63	0.24	0.30	0.835897436	1.049911593	0	0	No
<i>COG7</i>	2.63	2.98	6.30	7.32	1.096418733	1.140269126	0	0	No
<i>CDC40</i>	8.02	20.15	0.15	0.19	2.344789357	1.03685477	1.20413	0	No
<i>STIP1</i>	13.48	23.37	16.94	20.34	1.68301105	1.189428181	0.662341	0.0250679	No
<i>SCNN1B</i>	3.7	3.66	8.74	9.54	0.991489362	1.082425098	0	0	No
<i>HR</i>	3.67	4.09	8.89	9.52	1.08993576	1.0636503	0	0	No
<i>RAB31</i>	0.26	0.34	17.03	18.84	1.063492063	1.100408742	0	0	No
<i>REEP4</i>	0.59	1.19	2.96	3.29	1.377358491	1.083585052	0.621884	0	No
<i>TNXB</i>	5.13	4.22	7.12	7.55	0.851549755	1.052809939	-0.0405941	0	No
<i>BMP1</i>	5.75	9.65	11.67	12.61	1.577777778	1.074371007	0.629794	0	No
<i>ATXN2L</i>	0.12	0.76	0.82	1.24	1.571428571	1.230217881	1.12373	0	No
<i>PHYHIP</i>	7.31	8.04	9.64	8.27	1.087845969	0.871519256	0	-0.185363	No
<i>POLR3D</i>	11.27	13.05	31.93	33.14	1.145069275	1.036626137	0	0	No
<i>FEN1</i>	10.61	13.46	25.90	29.60	1.245478036	1.137478422	0.216275	0	No
<i>MTCL1</i>	54.59	60.39	<0.1	NA	1.104335312	NA	0.0608816	NA	No
<i>HEXIM2</i>	8.57	10.09	5.18	4.47	1.158829676	0.884701616	0.1298	-0.206057	No
<i>FNTA</i>	3.09	5.43	<0.1	NA	1.572127139	NA	0.561135	NA	No
<i>SERINC2</i>	2.39	2.27	<0.1	NA	0.96460177	NA	0	NA	No
<i>TRAPPC11</i>	4.47	5.68	20.52	20.31	1.221206581	0.990335618	0.12504	0	No
<i>ING2</i>	12.87	11.85	20.75	21.84	0.926459986	1.050331009	-0.0028512	0	No
<i>CDKN2AIP</i>	26.71	31.42	50.49	57.79	1.169974738	1.141777761	0.135214	0.017772	No
<i>SNRNP48</i>	3.78	5.3	4.41	4.19	1.317991632	0.959359769	0.219698	0	No
<i>TMEM223</i>	0.23	0.27	<0.1	NA	1.032520325	NA	0	NA	No
<i>SLC20A2</i>	0.29	0.43	1.55	1.49	1.108527132	0.97581661	0	0	No
<i>TMUB2</i>	2.31	3.14	2.89	3.53	1.250755287	1.16451942	0.226433	0.0233572	No
<i>STAT3</i>	1.81	2.32	4.09	5.57	1.181494662	1.291037957	0.0695908	0.00360694	No
<i>ZSWIM1</i>	0.78	1.56	2.38	2.95	1.438202247	1.167294817	0.510345	0.0128519	No
<i>ADAM9</i>	7.54	5.67	10.38	10.05	0.781030445	0.970739465	-0.267731	0	No
<i>NDUFS5</i>	3.38	5.42	13.96	12.54	1.465753425	0.905031725	0.405494	-0.153814	No
<i>ZNF30</i>	7.42	9.92	11.50	12.39	1.296912114	1.070820724	0.290152	0	No
<i>UGT3A2</i>	15.79	16.07	84.27	74.54	1.016676593	0.885931691	0	-0.259668	No
<i>LRATD2</i>	5.1	8.95	6.20	6.92	1.631147541	1.099674813	0.589743	0	No
<i>SLC16A4</i>	43.66	40.17	163.34	165.99	0.921854008	1.016113184	-0.0717972	-0.0573005	No
<i>IL7R</i>	8.27	9.75	38.70	40.67	1.1596548	1.049643361	0.071529	0	No

<i>TMEM208</i>	224.01	168.39	433.06	407.44	0.752810986	0.940966964	-0.356023	-0.200789	No
<i>WFDC12</i>	18.26	18.29	34.19	31.41	1.001557632	0.920883087	0	-0.165117	No
<i>AHCYL1</i>	1.26	5.91	<0.1	NA	3.057522124	NA	1.69214	NA	No
<i>DNAJC21</i>	5.92	5.31	8.68	7.81	0.911849711	0.909834057	0	-0.13592	No
<i>PKIG</i>	23	23.25	31.76	31.10	1.010416667	0.979961839	0	-0.0650158	No
<i>NPNT</i>	99.39	49.49	85.07	61.98	0.50293854	0.731765577	-0.943836	-0.475998	No
<i>FAM178B</i>	57.64	62.24	131.08	106.60	1.078444748	0.81467539	0.0253453	-0.353622	No
<i>SEMA4C</i>	19.21	15.89	68.65	64.07	0.835724889	0.934268379	-0.149608	-0.0432109	No
<i>CNNM3</i>	9.95	9.47	23.66	20.53	0.956164384	0.873112406	0	-0.319126	No
<i>GSTM4</i>	1.86	2.82	8.95	11.63	1.335664336	1.269717381	0.292672	0	No
<i>TET2</i>	0.43	0.77	<0.1	NA	1.237762238	NA	0.278575	NA	No
<i>TCTN2</i>	0.31	1.01	6.69	7.35	1.534351145	1.085370306	1.0254	0	No
<i>SHOX2</i>	760.95	515.48	308.37	262.82	0.677839753	0.852777842	-0.539388	-0.342868	No
<i>PPIP5K1</i>	0.7	1.48	1.21	1.23	1.458823529	1.010118033	0.702365	0	No
<i>TSPAN5</i>	1.5	3.6	3.02	3.90	1.84	1.22014699	0.97956	0	No
<i>ABHD15</i>	5.41	7.94	8.43	9.43	1.394695788	1.106052089	0.301241	0	No
<i>ZBTB5</i>	13.17	14.58	72.49	71.30	1.099505999	0.983840759	0.00886275	-0.107367	No
<i>CHTF8</i>	2.98	3.82	8.72	8.91	1.211055276	1.01947702	0.229743	-0.0554456	No
<i>ADAL</i>	3.27	10.37	4.31	5.16	2.662763466	1.159808822	1.43065	0	No
<i>LCMT2</i>	7.45	13.61	1.20	1.07	1.728994083	0.939783534	0.559998	0	No
<i>SNTB2</i>	0.76	6.12	40.76	31.83	4.045454545	0.786258131	2.49239	-0.385541	No
<i>IL12A</i>	154.14	146.64	116.76	114.23	0.951656568	0.978503255	-0.0295726	-0.105443	No
<i>ZNF507</i>	0.17	1.29	0.18	0.11	1.957264957	0.942694234	1.80488	0	No
<i>STX18</i>	0.59	1.65	<0.1	NA	1.666666667	NA	1.08793	NA	No
<i>ZBTB49</i>	0.94	3.58	0.32	0.46	2.360824742	1.105620807	1.60358	0	No
<i>GFM1</i>	10.01	10.75	18.73	19.04	1.067211626	1.015716466	0	0	No
<i>OR13J1</i>	2.06	2.29	6.06	5.96	1.075163399	0.985956008	0	-0.0203238	No
<i>DDX19A</i>	0.13	0.91	<0.1	NA	1.690265487	NA	1.41528	NA	No
<i>ATOX8</i>	2.92	1.98	11.91	11.36	0.760204082	0.957234892	-0.276675	-0.0170478	No
<i>ANKRD49</i>	2.56	5.51	12.58	13.75	1.828651685	1.086090939	0.750818	0	No
<i>SFTPB</i>	45.3	42.05	1.78	2.71	0.929805616	1.336289281	-0.0339288	0.184803	No
<i>USP39</i>	1.91	2.59	6.98	8.63	1.233676976	1.206623994	0.0287464	0	No
<i>TNIP2</i>	18.94	9.78	0.50	1.37	0.540621866	1.58204191	-0.779076	0	No
<i>C2orf68</i>	0.18	0.67	0.49	1.31	1.415254237	1.548649693	1.13154	0	No
<i>TMEM150A</i>	38.76	48.52	228.71	271.13	1.245472837	1.184681862	0.258395	0.0882483	No
<i>RNF181</i>	24.36	24.39	0.40	1.03	1.001182965	1.448561326	0	0	No
<i>VAMP5</i>	0.37	1.11	1.01	1.83	1.540145985	1.408264801	0.821031	0.141992	No
<i>LRRC28</i>	5.65	6.29	9.23	8.16	1.096240602	0.895322606	0	-0.208903	No

<i>MAT2A</i>	8.06	3.15	5.64	4.52	0.458057395	0.830617869	-1.18819	-0.251477	No
<i>PLA2G4F</i>	13.91	16.09	16.70	18.04	1.146210597	1.075676398	0.0700004	0	No
<i>ENHO</i>	0.47	0.94	1.26	1.29	1.319727891	1.013049129	0.496287	0	No
<i>ZNF608</i>	1.48	10.74	<0.1	NA	4.733870968	NA	2.2997	NA	No
<i>SLC35G2</i>	266.24	221.23	0.23	0.82	0.831574615	1.47878766	-0.235876	0.624601	No
<i>LETM1</i>	17.06	13.74	46.45	41.10	0.816168328	0.887184875	-0.183036	-0.240492	No
<i>TMEM129</i>	5.29	3.33	0.40	0.70	0.688394277	1.216051275	-0.370547	0	No
<i>PPIC</i>	19.53	45.77	0.31	0.74	2.278129566	1.324875434	1.07111	0	No
<i>CEP120</i>	19.16	140.66	<0.1	NA	7.026785714	NA	2.72197	NA	No
<i>STXBP6</i>	23.33	28.14	24.10	28.02	1.197698315	1.1561736	0.154794	0	No
<i>MFF</i>	777.43	562.96	1408.76	1176.28	0.724483897	0.83508925	-0.444271	-0.392549	No
<i>LGALS9</i>	19.7	26.53	60.03	63.31	1.329951691	1.05367854	0.318488	-0.0171371	No
<i>1JD7-PLA2G4</i>	20.94	20.95	62.87	53.81	1.000455789	0.858121423	0	-0.256766	No
<i>CPLX1</i>	22.15	20.23	<0.1	NA	0.917062635	NA	-0.0155234	NA	No
<i>PXDC1</i>	0.95	4.43	0.40	0.48	2.784615385	1.057556384	1.87646	0	No
<i>E2F6</i>	8.03	7.18	26.10	21.97	0.905869324	0.847471363	-0.0116873	-0.276631	No
<i>FEM1B</i>	0.81	2.46	22.27	25.12	1.91160221	1.12260138	1.1979	0	No
<i>COMMD8</i>	10.63	13	<0.1	NA	1.203783319	NA	0.0964722	NA	No
<i>ATP5ME</i>	8.99	10.45	46.34	49.31	1.146146146	1.062661333	0.0691072	0	No
<i>UQCRRF1</i>	63.67	49.86	45.66	35.95	0.786454306	0.79183625	-0.244228	-0.4368	No
<i>SLC49A3</i>	2.19	5.23	7.14	7.39	1.952978056	1.031040316	0.881127	0	No
<i>MAP2K1</i>	28.06	28.37	52.30	55.96	1.010667584	1.068752002	0	0	No
<i>KLK7</i>	3.64	10.09	2.41	3.01	2.390086207	1.176571775	1.32508	0.0113027	No
<i>HNRNP1</i>	6.89	13.04	4.33	7.53	1.779467681	1.600204952	0.654554	0.299352	No
<i>IRS1</i>	2.23	4.46	0.56	0.74	1.690402477	1.112312771	0.585391	0	No
<i>MECP2</i>	2.72	4.23	22.29	23.80	1.405913978	1.064911382	0.425498	0	No
<i>UPF3A</i>	1.41	1.49	4.29	3.51	1.033195021	0.852691626	0	-0.0931426	No
<i>ACTBL2</i>	13.16	13.64	21.96	22.77	1.033898305	1.035420608	0	-0.0192874	No
<i>ROR2</i>	0.57	1.34	0.37	0.39	1.49044586	1.015498751	0.82577	0	No
<i>DHRX</i>	2.23	3.96	1.42	1.65	1.535603715	1.094745959	0.453243	0	No
<i>HSPBAP1</i>	4.68	5.68	5.56	6.83	1.176056338	1.192904824	0	0	No
<i>ASMTL</i>	0.56	3.45	<0.1	NA	2.852564103	NA	2.00802	NA	No
<i>SLC25A6</i>	79.86	89.13	76.37	69.09	1.114642592	0.905892959	0.0922525	-0.221434	No
<i>CHST14</i>	0.47	1.37	4.81	7.03	1.612244898	1.381872164	0.702819	0	No
<i>PARM1</i>	585.92	445.31	<0.1	NA	0.760427315	NA	-0.357966	NA	No
<i>CSNK1G1</i>	276.42	176.84	<0.1	NA	0.641049672	NA	-0.591255	NA	No
<i>AFAP1L2</i>	2.16	3.95	<0.1	NA	1.566455696	NA	0.496166	NA	No
<i>ZNF354A</i>	0.29	2.54	<0.1	NA	2.744186047	NA	2.19888	NA	No

<i>ATF5</i>	2.52	5.12	4.07	5.35	1.738636364	1.252483223	0.814572	0.00496383	No
<i>UBE2V2</i>	11.87	29.29	<0.1	NA	2.353535354	NA	1.17565	NA	No
<i>ZBTB43</i>	32.3	28.6	55.25	57.27	0.888888889	1.035935728	-0.089285	-0.0282301	No
<i>CPT1C</i>	0.56	3.7	4.84	7.15	3.012820513	1.395904336	2.09464	0.18676	No
<i>PCSK9</i>	1.38	1.1	<0.1	NA	0.882352941	NA	0	NA	No
<i>XPO6</i>	20.27	11.86	19.81	18.99	0.604607428	0.96042932	-0.621265	-0.0961787	No
<i>MN1</i>	348.32	227.44	0.16	0.63	0.653956258	1.406996144	-0.557955	0	No
<i>APEX2</i>	0.28	0.52	<0.1	NA	1.1875	NA	0	NA	No
<i>NSMCE1</i>	2.27	2.75	<0.1	NA	1.146788991	NA	0.0305945	NA	No
<i>CCDC126</i>	64.18	54.1	175.21	173.78	0.845351335	0.991870558	-0.182934	-0.0795178	No
<i>RAB3B</i>	94.42	49.01	68.16	56.93	0.524103961	0.837599168	-0.850076	-0.263762	No
<i>CD2BP2</i>	14.72	14.41	11.59	14.84	0.980279898	1.258264163	0	0	No
<i>RGS14</i>	1.53	3.73	4.18	4.75	1.869565217	1.110154569	0.841354	0	No
<i>TBC1D10B</i>	6.1	9.78	4.96	6.35	1.518309859	1.233029004	0.456522	0.0327422	No
<i>LMAN2</i>	12.77	8.25	<0.1	NA	0.671750182	NA	-0.491583	NA	No
<i>RAB24</i>	45.64	25.4	<0.1	NA	0.566037736	NA	-0.663586	NA	No
<i>PRELID1</i>	27.17	27.95	<0.1	NA	1.027689031	NA	0	NA	No
<i>THBS3</i>	0.55	5.68	0.24	0.41	4.309677419	1.135119491	1.96758	0	No
<i>CA5B</i>	11	12.49	<0.1	NA	1.124166667	NA	0.0649364	NA	No
<i>SLC50A1</i>	17.58	15.82	38.80	41.17	0.905274489	1.059609465	-0.0543647	-0.0028304	No
<i>EFNA1</i>	1.83	3.63	0.40	0.52	1.636042403	1.082548118	0.715368	0	No
<i>CXCL10</i>	0.69	2.02	12.59	18.24	1.786982249	1.415742794	1.09531	0.225613	No
<i>SH3TC2</i>	245.65	251.07	207.11	195.31	1.021974458	0.943300289	0	-0.173467	No
<i>CXCL11</i>	1.43	2.27	5.52	5.83	1.345679012	1.048197105	0.388682	0	No
<i>ZRSR2</i>	0.43	0.3	<0.1	NA	0.909090909	NA	0	NA	No
<i>NMD3</i>	0.14	1.93	<0.1	NA	2.570175439	NA	2.1543	NA	No
<i>B3GALNT1</i>	4.96	5.51	5.28	4.20	1.092281879	0.827624991	0	-0.290655	No
<i>GPRIN1</i>	10.55	7.67	47.11	37.74	0.750649351	0.805184403	-0.276952	-0.342167	No
<i>KCNAB1</i>	20.15	15.26	<0.1	NA	0.768794326	NA	-0.294901	NA	No
<i>MRPL1</i>	24.72	25.53	127.09	99.17	1.031493002	0.782049463	0	-0.455833	No
<i>PGM2</i>	3.89	2.12	10.14	10.61	0.63803681	1.041843833	-0.454682	0	No
<i>SLC33A1</i>	16.03	11.67	93.43	60.25	0.74398121	0.648663612	-0.314516	-0.682831	No
<i>SNUPN</i>	10.24	8.09	32.27	30.87	0.808718861	0.957774833	-0.19591	-0.140691	No
<i>CRADD</i>	2.07	1.87	4.54	3.76	0.93485342	0.859341821	0	0	No
<i>SIN3A</i>	29.55	32.17	111.18	98.96	1.085761047	0.89108992	0.0119739	-0.173759	No
<i>ARL13B</i>	0.19	0.38	8.27	7.99	1.159663866	0.969575464	0.113962	-0.0136368	No
<i>PTK2</i>	2.31	1.81	4.01	3.33	0.848942598	0.865164437	-0.0784312	-0.246707	No
<i>PTAFR</i>	34.04	32.18	14.50	13.03	0.946917808	0.905232097	0	-0.102235	No

<i>PTPN9</i>	27.84	33.6	84.27	87.79	1.199722607	1.041326046	0.216157	-0.0541167	No
<i>NPR1</i>	10.18	11.4	27.07	31.98	1.109123435	1.174759683	0	0	No
<i>CXCL8</i>	31.32	33.73	61.37	73.12	1.074566832	1.18831961	0.0549504	0.0436965	No
<i>RASSF6</i>	21.04	18.42	22.40	22.02	0.881125227	0.983816791	-0.0671143	-0.0216425	No
<i>CD52</i>	2.66	4.89	23.20	25.41	1.609289617	1.091342346	0.545744	0	No
<i>MMGT1</i>	0.12	0.65	3.49	3.02	1.473214286	0.895015476	1.66231	0	No
<i>SPRR1B</i>	2750.37	2852.77	321.16	387.83	1.037217822	1.206945682	0.038094	0.074553	No
<i>SPRR1A</i>	1.9	3.45	5.36	6.88	1.534482759	1.23822065	0.50822	0.0798863	No
<i>TM2D2</i>	43.96	45.79	69.28	72.59	1.040702847	1.047084033	0	0	No
<i>PLEKHA2</i>	151.42	141.03	126.65	111.91	0.931833093	0.884516913	-0.0625519	-0.264549	No
<i>CLIC4</i>	45.31	46.14	<0.1	NA	1.017922695	NA	0	NA	No
<i>CRCT1</i>	3.43	5.35	41.89	44.20	1.433408578	1.053753422	0.460053	0	No
<i>METTL15</i>	1.89	2.95	3.05	4.23	1.366782007	1.290253218	0.435992	0.213254	No
<i>PCBP1</i>	0.62	1.03	0.94	1.01	1.25308642	1.038353371	0.366164	0	No
<i>HINT1</i>	0.12	0.29	0.13	0.08	1.151785714	0.959037696	0.313136	0	No
<i>DTWD2</i>	174.11	133.01	854.23	821.16	0.765290389	0.961336963	-0.34327	-0.156316	No
<i>CLIC3</i>	0.18	0.19	<0.1	NA	1.008474576	NA	0	NA	No
<i>INO80E</i>	20.32	19.58	82.76	94.47	0.965290807	1.139757606	0	0.0073713	No
<i>BNC1</i>	0.12	0.2	0.51	0.51	1.071428571	1.002410054	0	0	No
<i>DFFB</i>	22.72	23.82	26.47	24.80	1.046374368	0.939108686	0	-0.0880901	No
<i>NFU1</i>	0.16	0.67	<0.1	NA	1.439655172	NA	0.953163	NA	No
<i>ANTXR1</i>	49.66	48.67	25.36	24.35	0.980457955	0.961866545	0	-0.0864271	No
<i>CKAP2L</i>	0.55	4.17	1.68	1.74	3.335483871	1.020823492	2.27223	0	No
<i>C15orf40</i>	31.72	35.95	106.51	108.17	1.129278729	1.015443073	0.103613	-0.0793079	No
<i>RAMAC</i>	6.49	9.5	32.24	35.54	1.401869159	1.0992299	0.406997	0	No
<i>BOLA2B</i>	0.14	0.37	<0.1	NA	1.201754386	NA	0	NA	No
<i>RGPD8</i>	1.04	5.08	58.81	54.96	2.980392157	0.935633856	2.00594	-0.190006	No
<i>HIC2</i>	4.27	15.06	0.34	0.62	3.04743833	1.206434064	1.60614	0.614706	No
<i>LUZP1</i>	11.15	9.25	29.29	29.90	0.843621399	1.020185648	-0.0346659	0	No
<i>HEXD</i>	27.39	24.06	84.60	83.34	0.882705178	0.985336038	-0.057383	-0.104404	No
<i>BUB1</i>	16.84	18.86	16.74	21.17	1.1132287	1.249989365	0.0654023	0.116976	No
<i>SPNS1</i>	3.04	2.66	5.61	4.87	0.905940594	0.887337162	0	-0.173543	No
<i>LRRC45</i>	12.51	14.9	54.09	59.49	1.176905996	1.097942136	0.0452191	0	No
<i>CHRNA5</i>	1.46	2.27	8.20	10.08	1.329268293	1.204074659	0.168719	0	No
<i>CENPX</i>	6.61	8.73	19.70	21.75	1.278580815	1.098826636	0.182241	0	No
<i>AGPAT2</i>	0.17	0.17	0.33	0.38	1	1.037095214	0	0	No
<i>ASPCR1</i>	12.21	9.54	14.50	15.61	0.797880394	1.071556092	-0.259818	0	No
<i>FASN</i>	3.68	10.01	0.82	1.38	2.352564103	1.306713791	1.16236	0.122549	No

<i>CNBP</i>	2.77	3.1	0.12	0.07	1.087533156	0.951067654	0	0	No
<i>MT1E</i>	1.12	2.67	0.73	0.91	1.731132075	1.102494738	0.835703	0	No
<i>DUS1L</i>	49.86	32.44	140.85	116.18	0.657491152	0.826062763	-0.525086	-0.383777	No
<i>GPS1</i>	0.84	1.03	4.01	4.23	1.10326087	1.043651753	0	0	No
<i>RFNG</i>	5.31	7.89	6.99	8.30	1.408874802	1.163786457	0.406799	0	No
<i>DCXR</i>	297.1	59.64	71.27	50.30	0.203421671	0.709899232	-2.23997	-0.573724	No
<i>ZNF32</i>	3.33	4.1	18.93	19.48	1.177829099	1.027652843	0.11173	-0.0441582	No
<i>RAC3</i>	1.14	0.86	8.93	8.95	0.869158879	1.002137657	-0.0688802	0	No
<i>NRG4</i>	2.36	1.71	3.23	3.18	0.806547619	0.989064396	-0.0994225	0	No
<i>LIMS1</i>	1.68	1.26	5.72	5.72	0.843283582	0.999961424	-0.0804091	0	No
<i>TAPT1</i>	1.07	0.78	1.65	2.04	0.859903382	1.145438489	0	0	No
<i>UGP2</i>	0.57	1.85	3.99	2.84	1.815286624	0.769588942	1.19727	-0.389313	No
<i>LINGO1</i>	10.97	18.07	8.63	9.94	1.593149541	1.13611388	0.548624	0	No
<i>HNRNPF</i>	1.04	0.95	3.40	4.79	0.955882353	1.314918477	0	0	No
<i>BTB</i>	13.03	20.1	31.07	29.71	1.503920171	0.957709554	0.507618	-0.132524	No
<i>CSGALNACT2</i>	7.05	8.2	63.95	66.61	1.142857143	1.040898535	0.10593	0	No
<i>PCDH7</i>	32.25	32.11	178.73	131.86	0.995789474	0.739200729	0	-0.530519	No
<i>AVEN</i>	28.42	46.71	57.42	73.11	1.621685928	1.268590604	0.632793	0.106141	No
<i>TRIM56</i>	1.15	8.77	<0.1	NA	4.544186047	NA	2.43077	NA	No
<i>WNT10B</i>	5.06	6.84	15.11	22.78	1.293729373	1.476063821	0.146544	0.289328	No
<i>REPS2</i>	9.04	12.32	41.49	45.43	1.326693227	1.092637059	0.222277	0	No
<i>MUC3A</i>	0.26	0.33	0.18	0.20	1.055555556	1.014793738	0	0	No
<i>SYAP1</i>	5.02	7.4	49.21	43.75	1.395348837	0.891310969	0.286982	-0.242789	No
<i>ITGAM</i>	2.98	5.15	14.85	16.10	1.545226131	1.078635355	0.521021	0	No
<i>TPST1</i>	31.26	36.95	48.05	39.80	1.176379417	0.8317288	0.103499	-0.331381	No
<i>TOR1AIP2</i>	32.57	33.5	49.19	51.88	1.027703307	1.053532614	0	0	No
<i>TM4SF1</i>	10.05	10.11	50.67	52.67	1.005429864	1.038700039	0	0	No
<i>OTUD3</i>	1.44	1.16	25.32	24.54	0.885245902	0.970447191	0	-0.0077745	No
<i>GUSB</i>	0.75	2.31	<0.1	NA	1.891428571	NA	0.334507	NA	No
<i>BRD3</i>	2.54	2.75	4.27	4.81	1.059322034	1.102008173	0	0	No
<i>KLF13</i>	2.17	1.66	0.84	1.03	0.839116719	1.101709035	0	0	No
<i>ZNF764</i>	4.11	4.48	35.13	32.72	1.072407045	0.933181319	0	-0.120601	No
<i>ZNF747</i>	0.49	0.35	0.38	0.57	0.906040268	1.13984277	0	0	No
<i>ZNF768</i>	12.38	12.31	12.62	14.58	0.994768311	1.143905745	0	0	No
<i>TMEM42</i>	0.41	1.31	1.57	3.11	1.638297872	1.601045679	1.00097	0.273103	No
<i>MAP3K2</i>	138.17	108.63	40.33	45.68	0.787741611	1.129440895	-0.285314	0	No
<i>PUSL1</i>	11.18	11.13	<0.1	NA	0.99589491	NA	0	NA	No
<i>SF3B5</i>	2.19	2.51	255.83	272.57	1.10031348	1.065173909	0	-0.0079177	No

ZNF35	9.69	7.95	122.97	115.07	0.837231057	0.936280109	-0.0473216	-0.16396	No
TIGD4	1.32	1.43	4.71	4.62	1.047413793	0.984342676	0	0	No
IFFO2	5.96	8.04	19.96	21.92	1.298850575	1.093554504	0.268679	0	No
NLGN2	0.24	0.37	0.23	0.46	1.10483871	1.18757715	0	0.0407167	No
CHD3	2.58	2.62	5.83	8.83	1.011173184	1.439654957	0	0.234008	No
TMEM154	0.66	0.91	0.83	1.05	1.15060241	1.121048945	0.035366	0	No
ALCAM	10.49	16.43	22.05	23.41	1.516971279	1.058918005	0.526236	0	No
YWHAG	0.69	0.42	3.21	3.08	0.840236686	0.96896785	0	0	No
UBE2E3	7.21	4.21	7.75	7.50	0.634591961	0.97165562	-0.549197	-0.0037229	No
CNTROB	1.91	2.73	8.79	9.68	1.281786942	1.09121576	0.21728	0	No
TRAPPC1	74.75	117.79	113.24	120.29	1.568184818	1.061693035	0.602659	-0.0180123	No
GPR37L1	2.47	2.45	<0.1	NA	0.994236311	NA	0	NA	No
SIMC1	9.74	19.65	<0.1	NA	1.922718808	NA	0.904595	NA	No
TMEM192	5.14	8.07	22.06	24.96	1.477198697	1.125694423	0.463436	0	No
AC106795.1	34.61	23.26	84.30	79.51	0.681269306	0.94386912	-0.435356	-0.157428	No
ZNF778	0.83	3.61	0.21	0.28	2.519125683	1.057142328	1.87904	0	No
NIPA1	43.75	35.25	111.23	105.20	0.810055866	0.946235548	-0.242899	-0.170007	No
FOXD4	0.27	1.98	<0.1	NA	2.346456693	NA	2.08617	NA	No
UBE2E1	8.7	8.18	17.38	16.83	0.946391753	0.970069156	0	-0.0767836	No
HNRNPA3	60.83	94.33	76.57	86.07	1.541808184	1.122415986	0.547019	0	No
SIK2	2.03	2.95	1.37	1.45	1.303630363	1.035184982	0.339052	0	No
CCDC144A	2.2	3.01	6.07	4.57	1.253125	0.787163944	0	-0.408179	No
AL512625.1	5.88	6.49	36.87	40.16	1.088662791	1.086916777	0	0	No
CHRNA1	82.53	91.73	17.45	18.74	1.110140069	1.070051508	0.0891755	0	No
USP38	2.72	4.31	12.47	15.46	1.427419355	1.222307564	0.415465	0.0431968	No
SLC16A5	5.81	7.81	3.67	4.93	1.293685756	1.270600977	0.167151	0.0950201	No
NANP	4.38	10.11	13.75	14.13	2.065055762	1.025442652	0.985446	0	No
ANKK1	2.61	2.9	2.12	3.04	1.08033241	1.293682808	0	0.106456	No
ADPRM	13.31	9.81	26.12	23.84	0.755415793	0.915951503	-0.224134	-0.13202	No
FABP6	16.49	13.98	12.64	12.77	0.856489423	1.009231415	-0.127202	0	No
PWWP2A	18.36	19.18	23.47	27.03	1.042355372	1.145411591	0	0	No
USP47	4.9	6.29	3.43	3.27	1.23559322	0.963475916	0.077946	0	No
PDCD6IP	17.61	16.77	10.11	12.23	0.954862977	1.190895526	0	0	No
ZNF212	279.1	277.91	389.56	427.58	0.995751517	1.097345107	0	0	No
FAM161A	0.33	0.35	0.29	0.13	1.015037594	0.878843116	0	0	No
ZNF282	0.24	0.42	1.34	1.07	1.14516129	0.883238366	0	-0.0155328	No
GLB1	45.72	47.35	<0.1	NA	1.034888699	NA	0	NA	No
GON7	0.2	2.11	0.39	0.95	2.591666667	1.401736496	2.33308	0.444716	No

<i>FAXDC2</i>	29.05	19.84	34.25	35.38	0.693510815	1.03194832	-0.381122	0	No
<i>CRTAP</i>	0.62	0.34	<0.1	NA	0.827160494	NA	0	NA	No
<i>HSPB2</i>	71.63	63.09	37.68	35.81	0.882417734	0.95167516	-0.123349	-0.122904	No
<i>ELP5</i>	8.37	8.85	20.75	23.15	1.051227321	1.110232899	0	0	No
<i>CMTM8</i>	3.56	3.85	3.53	3.74	1.063596491	1.047418459	0	0	No
<i>GABARAP</i>	1.78	1.51	<0.1	NA	0.902877698	NA	0	NA	No
<i>LGALS9B</i>	0.15	0.36	<0.1	NA	1.182608696	NA	0	NA	No
<i>STX8</i>	5.72	5.99	6.21	6.90	1.040178571	1.096267362	0	0	No
<i>CDK1</i>	4.84	6.02	26.53	28.94	1.202054795	1.087529102	0.119171	0	No
<i>UBB</i>	0.86	0.86	3.58	3.63	1	1.011286275	0	0	No
<i>NFRKB</i>	1.98	1.08	2.44	2.48	0.697986577	1.012022484	-0.468341	0	No
<i>PRDM10</i>	0.58	0.55	29.11	34.81	0.981012658	1.189403321	0	0.0510689	No
<i>B3GNT2</i>	1.99	1.23	3.16	3.24	0.745819398	1.019059631	-0.383999	-0.0895674	No
<i>FOS</i>	4.38	4.39	3.12	4.06	1.001858736	1.228019317	0	0	No
<i>TMED10</i>	4.27	9.33	29.01	26.04	1.960151803	0.901091191	0.885101	-0.222266	No
<i>OR2A20P</i>	15.56	12.64	5.09	4.68	0.823671498	0.933439024	-0.164416	-0.0513067	No
<i>SETMAR</i>	5.98	7.66	38.56	39.09	1.240687679	1.013304209	0.127961	-0.0406084	No
<i>SMAD1</i>	1.2	1.83	2.81	3.03	1.286363636	1.056848504	0.2226	0	No
<i>LRRN2</i>	0.9	2.19	5.58	5.45	1.678947368	0.980449557	0.91115	-0.0579016	No
<i>SLC30A1</i>	2.19	3.13	0.26	0.49	1.294670846	1.182168337	0.300316	0.300953	No
<i>GPRC5C</i>	0.98	1.33	2.68	3.21	1.176767677	1.144245702	0.133693	0	No
<i>TMEM182</i>	1	1.19	5.41	5.97	1.095	1.08712416	0	0	No
<i>KRT8</i>	0.24	0.57	0.79	0.71	1.266129032	0.95469361	0.0990095	0	No
<i>KRT78</i>	6.7	7.3	17.87	18.73	1.077922078	1.045480457	0.0036755	0	No
<i>ADORA2B</i>	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
<i>MGMT</i>	2.75	3.83	13.44	15.25	1.288	1.125210756	0.258605	0	No
<i>METTL7B</i>	0.24	0.76	0.28	0.25	1.419354839	0.977884841	1.09271	0	No
<i>KRT86</i>	2.38	2.12	4.59	6.54	0.923076923	1.349607095	0	0.131171	No
<i>HARS1</i>	0.16	0.51	<0.1	NA	1.301724138	NA	0.522697	NA	No
<i>NFXL1</i>	28.44	24.83	48.25	49.19	0.877377717	1.019038255	-0.0888249	0	No
<i>DENND5B</i>	8.95	17.56	33.26	32.43	1.865326633	0.975727471	0.77688	-0.0402418	No
<i>CD14</i>	5.61	7.9	9.21	8.41	1.346444781	0.921771438	0.316417	-0.126087	No
<i>DNAJC18</i>	1.81	1.05	1.55	1.51	0.729537367	0.982845988	-0.248268	0	No
<i>KRT6C</i>	56.43	52.46	70.36	69.08	0.930872366	0.982047739	0	-0.0379219	No
<i>RIOX1</i>	2.5	11.96	5.57	5.51	3.702857143	0.990774103	1.65933	0	No
<i>SPATA24</i>	0.47	0.54	3.31	3.31	1.047619048	1.000838512	0	0	No
<i>RALGAPB</i>	51.56	47.45	83.97	92.63	0.921803653	1.101912769	-0.04642	0	No
<i>PYM1</i>	0.77	1.1	<0.1	NA	1.186440678	NA	0.051781	NA	No

<i>KRT4</i>	1.35	0.52	4.48	6.04	0.646808511	1.285043672	0	0	No
<i>SLC23A1</i>	0.15	0.18	0.71	0.77	1.026086957	1.032870832	0	0	No
<i>NPAS2</i>	1.3	2.95	0.17	0.02	1.717391304	0.875813335	0.794208	-0.808875	No
<i>KISS1</i>	5.42	6.29	18.22	19.22	1.135514019	1.051998023	0.055271	0	No
<i>NUDT9</i>	19.49	14.29	26.37	18.80	0.746217667	0.723319277	-0.302561	-0.579365	No
<i>PA2G4</i>	14.71	9.67	18.67	24.95	0.679185232	1.319197657	-0.383435	0.119684	No
<i>ELOVL6</i>	0.73	0.66	5.18	5.33	0.959537572	1.023475761	0	0	No
<i>PFKFB3</i>	0.34	0.83	0.41	0.28	1.365671642	0.905978778	0.71499	-0.246924	No
<i>TMC7</i>	5.38	5.12	14.49	15.11	0.959247649	1.039827152	0	0	No
<i>ARL6IP1</i>	2.12	3.02	115.06	114.67	1.288461538	0.996596622	0.217124	-0.120068	No
<i>SERPINB9</i>	0.72	0.67	4.58	5.83	0.970930233	1.224659209	0	0.0519892	No
<i>SMAGP</i>	2.14	1.59	0.94	1.17	0.824840764	1.116046752	0	0	No
<i>IRX1</i>	14.08	12.55	0.77	0.86	0.898541114	1.049795821	0	0	No
<i>CDH2</i>	2.16	3.83	2.53	3.16	1.528481013	1.177440093	0.50428	0.10689	No
<i>IRX2</i>	9.09	7.84	9.69	9.11	0.876114965	0.945708713	-0.0777399	-0.144848	No
<i>EMB</i>	4.32	4.56	17.05	18.61	1.045112782	1.086352177	0	0	No
<i>SIX2</i>	34.93	18.96	<0.1	NA	0.555524631	NA	-0.652628	NA	No
<i>STAT2</i>	42.86	36.54	59.85	61.86	0.855905153	1.03304126	-0.130484	0	No
<i>NUDCD2</i>	2.01	1.71	<0.1	NA	0.900332226	NA	0	NA	No
<i>IRF2BP1</i>	19.26	18.17	<0.1	NA	0.946199408	NA	0	NA	No
<i>HSPA4</i>	25.93	29.91	277.68	339.99	1.147790568	1.223579155	0.138458	0.138893	No
<i>COMMD5</i>	1.45	1	1.95	1.97	0.816326531	1.008339413	-0.220284	0	No
<i>ZNF16</i>	2.72	2.34	6.65	6.66	0.897849462	1.001067756	-0.0584297	-0.0491963	No
<i>ARMC10</i>	7.71	12.17	16.63	17.81	1.512055109	1.066802172	0.51026	0	No
<i>RNF34</i>	0.69	2.71	<0.1	NA	2.195266272	NA	1.36123	NA	No
<i>ACYP2</i>	1.8	1.87	<0.1	NA	1.025	NA	0	NA	No
<i>TRABD</i>	5.98	19	5.94	5.31	2.865329513	0.908990276	1.47696	0	No
<i>ATF7</i>	0.96	1.19	1.92	2.29	1.117346939	1.127281304	0	0	No
<i>RASA4B</i>	25.8	17.15	25.62	24.52	0.677238806	0.958834929	-0.460209	0	No
<i>SOCS6</i>	582.89	345.29	739.31	687.95	0.593074038	0.930618171	-0.713181	-0.224093	No
<i>ZNF296</i>	8.09	9.6	19.53	19.72	1.166116612	1.009470052	0	-0.0219383	No
<i>HOXB9</i>	0.39	0.42	0.25	0.52	1.021582734	1.218842199	0	0.346162	No
<i>POLH</i>	1.13	1.83	1.89	2.48	1.328638498	1.204495996	0.396247	0.0420274	No
<i>KCNS3</i>	3.92	7.8	<0.1	NA	1.788617886	NA	0.792461	NA	No
<i>KIF5B</i>	6.2	13.85	6.62	10.34	2.0625	1.487714925	0.943492	0.37007	No
<i>AKAP13</i>	5.79	27.36	89.12	82.76	4.176730486	0.929410894	2.03384	-0.202409	No
<i>CDCA4</i>	5.13	3.82	40.41	45.84	0.7862969	1.131212628	-0.2212	0	No
<i>CHCHD7</i>	4.14	5.09	2.76	3.52	1.184824903	1.201868866	0.104705	0.0390814	No

FOXN2	0.31	3.87	0.12	0.22	3.717557252	1.088690347	3.05605	0	No
USP32	17.08	30.22	<0.1	NA	1.726769912	NA	0.724699	NA	No
CEL	30.72	45.64	43.95	47.23	1.4703657	1.073044497	0.503175	0	No
PPM1D	0.67	0.69	<0.1	NA	1.011976048	NA	0	NA	No
GPR27	10.81	13.04	24.88	26.50	1.188823031	1.062566392	0.0933557	0	No
AC093323.1	10.18	7.6	32.67	30.23	0.769230769	0.927653978	-0.229447	-0.0895824	No
KBTBD2	0.65	0.96	1.10	1.28	1.187878788	1.083682551	0	0	No
RIOX2	0.42	1.75	<0.1	NA	1.936619718	NA	1.68551	NA	No
TRIAP1	39.65	44.47	23.53	27.44	1.118573186	1.159216665	0.0774443	0	No
LSM3	6.36	9.92	42.39	45.75	1.483695652	1.077345276	0.435588	0	No
KIAA0232	24.27	24.31	55.94	50.64	1.001582905	0.90687887	0	-0.216613	No
MTSS1	234.8	172.26	153.33	153.07	0.734775233	0.998331737	-0.393954	-0.0854896	No
TMEM43	21.15	19.73	31.00	35.31	0.935891648	1.134594934	0	0	No
RNF139	151.92	134.95	258.45	237.80	0.889026942	0.920400228	-0.103313	-0.204242	No
RPS9	5.9	4.76	5.05	5.82	0.834782609	1.126448362	-0.0874131	0	No
TSEN34	0.75	0.46	0.37	0.63	0.834285714	1.191745907	-0.205608	0.0245108	No
GSTA4	34.82	32.63	29.85	33.55	0.938860972	1.119868761	0	0	No
MSANTD4	22.27	20.42	0.13	0.06	0.920498496	0.942466913	0	0	No
NDUFA3	1.69	1.58	<0.1	NA	0.959107807	NA	0	NA	No
OSCAR	8.08	5.89	5.55	5.46	0.758810573	0.985588492	-0.165983	0	No
NUDT6	12.25	18.94	15.36	17.10	1.50490566	1.1066487	0.499504	0	No
TPT1-AS1	0.82	1.2	0.55	0.71	1.208791209	1.105004881	0.15489	0	No
TANC2	10.76	16.82	2.55	3.23	1.515306122	1.191183465	0.498161	0.0342151	No
DNAJC24	0.11	0.1	<0.1	NA	0.990990991	NA	0	NA	No
ZNF160	4.07	3.02	19.75	23.10	0.792899408	1.161563873	0	0	No
ZNF415	10.76	12.26	25.32	27.83	1.12755102	1.095415503	0.0191368	0	No
CAVIN3	0.93	1	9.38	9.01	1.03626943	0.964619137	0	-0.0790578	No
PLAC1	4.26	3.49	21.01	22.04	0.853612167	1.046880048	0	0	No
S1PR1	0.54	1.6	5.28	3.94	1.688311688	0.786721728	0.987492	-0.170683	No
HS6ST2	4.13	5.21	12.89	13.98	1.210526316	1.078240168	0.190692	0	No
LRRC8E	1.45	1.78	3.60	3.94	1.134693878	1.074718797	0	0	No
TSNARE1	4.99	4.29	17.72	19.01	0.883138564	1.069052193	-0.0454601	0	No
FEZ2	0.18	0.1	<0.1	NA	0.93220339	NA	0	NA	No
SOX7	0.17	1.6	8.14	15.11	2.222222222	1.763068438	1.14259	0.31707	No
C11orf24	10.47	16.01	5.28	6.96	1.482999128	1.267589459	0.453925	0.0618657	No
FAM86JP	2.16	3.02	<0.1	NA	1.272151899	NA	0	NA	No
KYAT1	19.4	6.72	<0.1	NA	0.378431373	NA	-0.86983	NA	No
MTM1	4.33	4.9	9.11	9.24	1.106941839	1.012650551	0	0	No

<i>OBP2B</i>	2.79	2.3	11.72	11.93	0.870712401	1.016302668	-0.0009841	-0.0203384	No
<i>TRMT61B</i>	54.62	48.22	41.00	38.55	0.884933477	0.941629199	-0.10722	-0.112651	No
<i>INSR</i>	0.22	1.86	<0.1	NA	2.344262295	NA	0.961509	NA	No
<i>MFN1</i>	1.24	1.04	2.25	1.81	0.910714286	0.864338913	0	-0.168916	No
<i>NRTN</i>	133.45	175.62	287.74	262.31	1.313648196	0.911915397	0.328448	-0.242025	No
<i>KCNMB3</i>	34.32	33.05	115.14	127.40	0.964043035	1.105595242	0	0	No
<i>FUT3</i>	0.21	0.2	1.27	1.15	0.991735537	0.947722495	0	0	No
<i>KCNG3</i>	95.66	105.36	0.44	0.25	1.100351748	0.868304291	0.0280601	0	No
<i>ATP6V0E2</i>	14.42	15.32	53.11	53.64	1.058365759	1.009821538	0	-0.0594744	No
<i>PRKCE</i>	0.27	2.62	<0.1	NA	2.850393701	NA	2.5879	NA	No
<i>JAGN1</i>	1.06	0.91	3.06	2.69	0.927184466	0.908651633	0	-0.0410362	No
<i>TADA3</i>	8.66	9.17	19.29	21.35	1.052795031	1.101595345	0	0	No
<i>SOCS5</i>	3.1	3.34	1.47	1.39	1.058536585	0.967698126	0	0	No
<i>C1GALT1C1</i>	5.48	7.26	6.51	7.69	1.274691358	1.157500506	0.218666	0	No
<i>C9orf16</i>	0.27	0.32	6.17	6.73	1.039370079	1.078775328	0	0	No
<i>MORN4</i>	3.31	3.99	<0.1	NA	1.157772622	NA	0	NA	No
<i>ZNF672</i>	0.39	0.51	14.63	16.74	1.086330935	1.135244935	0	-0.425658	No
<i>ZNF692</i>	0.22	0.32	0.13	0.11	1.081967213	0.983667881	0	0	No
<i>NAIF1</i>	1.4	2.5	9.41	9.51	1.458333333	1.00952658	0.53488	0	No
<i>RBKS</i>	8.4	9.09	4.83	5.78	1.073404255	1.162921338	0	0	No
<i>TMEM126A</i>	4.44	4.69	<0.1	NA	1.045955882	NA	0	NA	No
<i>TMEM126B</i>	12.85	15.68	32.91	31.45	1.20433213	0.956839976	0.171111	-0.147949	No
<i>TRIM8</i>	5.68	3.01	37.96	34.65	0.600299401	0.915083947	-0.631853	-0.188687	No
<i>NETO2</i>	11.48	7.87	38.18	34.19	0.710737179	0.898253321	-0.356399	-0.234944	No
<i>CDC42BPG</i>	1.77	3.8	1.15	1.25	1.732851986	1.04651698	0.733746	0	No
<i>SCAND1</i>	39.07	40.84	<0.1	NA	1.044172698	NA	0	NA	No
<i>JUNB</i>	78.32	83.25	123.67	112.78	1.062153303	0.912670245	0	-0.24244	No
<i>FAM241B</i>	4.33	3.16	24.60	25.57	0.780487805	1.038060667	-0.286169	0	No
<i>TMEM37</i>	211.02	143.13	302.30	217.23	0.679794359	0.719512463	-0.532526	-0.600034	No
<i>LRG1</i>	138.72	118.55	76.94	72.78	0.855639851	0.946615492	-0.175408	-0.146679	No
<i>SHCBP1</i>	27.03	17.82	83.85	89.73	0.671423475	1.069260363	-0.371227	0	No
<i>NPTX1</i>	26.84	21.29	123.91	111.98	0.800646552	0.9044918	-0.242268	-0.241277	No
<i>FAM98B</i>	29.62	27.58	60.41	58.54	0.933376878	0.969527631	-0.0201128	-0.123402	No
<i>ZNF439</i>	15.51	18.62	18.67	16.73	1.188370684	0.901362226	0.128791	-0.0474065	No
<i>ZNF440</i>	56.65	62.95	149.76	136.57	1.109280139	0.912536052	0.0485404	-0.13541	No
<i>GAA</i>	8.53	12.22	6.71	7.92	1.387198321	1.156476245	0.231993	0	No
<i>CANT1</i>	1.34	2.12	2.57	2.70	1.333333333	1.035042571	0.358448	0	No
<i>KCNK3</i>	8.7	8.37	32.20	34.78	0.965979381	1.077835527	0	0	No

ZDHHC16	0.26	0.65	0.12	0.36	1.30952381	1.210483705	0.522104	0.360084	No
CHST11	181.58	188.1	114.70	120.48	1.035710374	1.049964349	0.00617096	-0.0226711	No
EXOSC1	0.69	0.71	3.62	2.94	1.01183432	0.851881034	0	-0.11303	No
PGAM1	7.09	9.57	5.03	4.63	1.306551298	0.933805276	0.236285	-0.0372411	No
CHD7	0.36	0.26	0.15	0.26	0.926470588	1.092630733	0	0	No
ESCO2	2.08	1.84	3.56	2.96	0.922077922	0.867995876	0	-0.047949	No
KRT19	4.44	5.13	15.54	17.52	1.126838235	1.119614268	0.0578285	0	No
KRT15	1.25	2.09	2.34	2.77	1.373333333	1.129004594	0.200153	0	No
CLCN5	0.48	0.5	<0.1	NA	1.013513514	NA	0	NA	No
TPPP	0.59	0.36	<0.1	NA	0.855345912	NA	-0.233871	NA	No
APLN	10.21	15.69	9.39	11.43	1.488849242	1.196626804	0.49756	0	No
KRT13	0.68	1.71	10.86	16.76	1.613095238	1.497604184	0.872626	0.391367	No
KRT9	7.76	10.6	1.10	1.36	1.324200913	1.125976061	0.232438	0	No
MRPL36	1.73	2.08	5.82	7.19	1.128205128	1.200740864	0.085351	0.0839113	No
ZNF581	38.96	20.17	<0.1	NA	0.52977978	NA	-0.836221	NA	No
NAT1	1.04	2.72	2.62	3.19	1.823529412	1.156675819	1.04868	0	No
KSR2	16.68	23.62	56.60	55.93	1.392533937	0.988437013	0.37583	-0.0795421	No
ZNF524	11.96	16.04	16.09	15.90	1.314814815	0.989012324	0.310758	-0.0520752	No
MCC	12.14	10.43	20.73	20.19	0.869863014	0.97495257	-0.112034	0	No
ZBTB26	3.51	6.29	9.69	10.76	1.616407982	1.099700502	0.54492	0	No
CDK5R2	2.19	2.06	8.78	7.21	0.959247649	0.839060372	0	-0.301176	No
POLR1C	67.79	75.89	36.91	33.67	1.117749673	0.914650983	0.0787151	-0.17716	No
ASXL1	8.65	8.02	11.03	9.21	0.934715026	0.849062777	0	-0.0250183	No
DLK2	2.39	3.76	2.87	3.55	1.404129794	1.176505581	0.467357	0.0442002	No
ZNF562	15.44	12.68	30.68	31.35	0.832116788	1.021209299	-0.0961543	0	No
ZNF318	210.51	163.6	136.78	126.97	0.778213796	0.928811122	-0.266394	-0.173676	No
ZNF561	1.19	2.01	0.45	0.54	1.374429224	1.06059239	0.21211	0	No
WIPF2	0.11	0.11	<0.1	NA	1	NA	0	NA	No
LRRC8C	10.31	9.2	3.52	3.35	0.901856764	0.962112791	-0.0240361	-0.0503644	No
RSL1D1	6.54	6.75	8.45	8.64	1.027851459	1.02026666	0	0	No
LRRC8D	18.63	24.52	44.46	45.84	1.300050942	1.030379545	0.321819	-0.0412534	No
PPID	4.23	3.31	10.41	11.09	0.824091778	1.059737336	-0.18559	0	No
ETFDH	14.36	12.44	9.94	9.68	0.875	0.976198076	-0.0950581	-0.0232858	No
LPAR3	65.09	61.28	80.29	84.96	0.942351339	1.057426697	-0.0152252	-0.014146	No
PTGER4	11.61	10.7	19.87	20.37	0.927835052	1.024122246	0	-0.0006579	No
TBCA	12.11	12.02	23.03	22.43	0.993135011	0.9749214	0	-0.127481	No
ECCL1	65.24	48.15	141.29	129.29	0.741998792	0.915697791	-0.301951	-0.105873	No
BCL2L1	0.42	1.15	<0.1	NA	1.514084507	NA	0.922672	NA	No

<i>PLRG1</i>	3.38	3.93	15.47	14.36	1.125570776	0.932356322	0	-0.141929	No
<i>ZNF584</i>	1.28	1.29	5.30	7.08	1.004385965	1.281787963	0	0.125716	No
<i>CLSTN1</i>	1.58	1.33	<0.1	NA	0.903100775	NA	0	NA	No
<i>CXXC5</i>	1.49	4.78	2.34	2.89	2.321285141	1.165033001	1.46208	0	No
<i>ZNF274</i>	4.24	5.13	1.82	2.48	1.169847328	1.234155767	0.10123	0.125311	No
<i>PIK3CD</i>	0.24	0.03	18.76	18.66	0.830645161	0.994952936	0	-0.0023409	No
<i>SLC25A33</i>	12.85	19.47	35.50	40.21	1.477978339	1.129090355	0.447679	0	No
<i>ENC1</i>	25.33	26.21	38.50	44.23	1.033421952	1.144981143	0	0	No
<i>SPSB1</i>	4.65	5.71	4.27	4.68	1.187610619	1.077629609	0.142103	0	No
<i>P2RY6</i>	0.13	0.52	<0.1	NA	1.345132743	NA	1.4406	NA	No
<i>BPTF</i>	0.55	1.01	<0.1	NA	1.296774194	NA	0.11363	NA	No
<i>ZIK1</i>	1.88	3.53	7.07	7.18	1.572916667	1.013980724	0.574738	0	No
<i>NMRAL2P</i>	4.15	4.65	3.98	3.54	1.097087379	0.910677585	0	-0.157676	No
<i>PLEKHG5</i>	34.02	28.92	0.15	0.28	0.854368932	1.110878532	-0.12288	0	No
<i>ATF7IP</i>	3.68	3.38	2.42	3.29	0.935897436	1.255600475	0	0.00727151	No
<i>LKAAEAR1</i>	0.39	0.31	<0.1	NA	0.942446043	NA	0	NA	No
<i>RGS19</i>	1.79	2.39	4.06	4.29	1.215053763	1.045597545	0	0	No
<i>TCEA2</i>	4.14	6.37	9.06	9.14	1.43385214	1.007605636	0.431393	0	No
<i>DEFB4A</i>	1.83	2.24	7.14	8.08	1.144876325	1.115251224	0.0833343	0	No
<i>HDAC3</i>	9.75	14.67	19.70	22.02	1.457674419	1.11208405	0.4814	0	No
<i>GPHN</i>	6.66	8.48	5.56	5.72	1.237597911	1.024745832	0.124119	0	No
<i>TMEM51</i>	0.38	0.57	1.03	1.50	1.137681159	1.232921232	0	0	No
<i>CAMTA1</i>	18.83	16.33	32.00	29.58	0.873928391	0.926668268	-0.0707991	-0.173921	No
<i>LGALS4</i>	18.42	16.6	34.86	32.76	0.906282183	0.941353047	-0.0239673	-0.135837	No
<i>LRRC34</i>	7.22	9.97	<0.1	NA	1.334549878	NA	0.108179	NA	No
<i>SPATA5L1</i>	0.96	2.52	0.14	0.32	1.795918367	1.160172072	1.04542	0	No
<i>GATM</i>	18.35	11.04	27.73	26.46	0.622222222	0.95566925	-0.618566	-0.142586	No
<i>RHNO1</i>	0.13	0.06	<0.1	NA	0.938053097	NA	0	NA	No
<i>CTPS1</i>	21.26	17.03	27.29	29.46	0.809973046	1.076573643	-0.168461	0	No
<i>KNDC1</i>	15.7	12.12	137.47	158.13	0.785628743	1.149174636	-0.160781	0	No
<i>METTL18</i>	0.54	0.18	<0.1	NA	0.766233766	NA	0	NA	No
<i>COL8A2</i>	3.71	1.42	12.96	11.51	0.513800425	0.896294658	-0.976282	0	No
<i>PWWP2B</i>	15.04	16.57	54.58	69.98	1.095386534	1.277148474	0.00058192	0.15508	No
<i>FBXL14</i>	362.75	463.11	843.47	834.44	1.27590378	0.989312318	0.308902	-0.152086	No
<i>EXOSC10</i>	10.02	13.22	16.19	18.15	1.290381125	1.114246212	0.270916	0	No
<i>ZNF570</i>	2.99	3.05	3.76	3.53	1.015037594	0.952411303	0	-0.0428615	No
<i>RRM2</i>	12.29	9.25	23.15	20.75	0.771256584	0.900631228	-0.210585	-0.180499	No
<i>TRAPPC12</i>	73.45	48.14	62.55	58.56	0.660040296	0.937212343	-0.544873	-0.179023	No

<i>RPS21</i>	0.15	0.29	<0.1	NA	1.12173913	NA	0	NA	No
<i>MRM3</i>	0.9	1.65	4.49	4.89	1.394736842	1.073208936	0.337847	0	No
<i>RPS7</i>	1.64	1.76	3.23	3.73	1.045454545	1.119025442	0	0	No
<i>RNASEH1</i>	0.65	1.37	0.13	0.19	1.436363636	1.053401783	0.592818	0	No
<i>PRNP</i>	8.36	7.69	17.53	16.97	0.928418803	0.969788012	0	-0.0081589	No
<i>ADRA1D</i>	3.65	4.87	2.60	3.82	1.262365591	1.338037105	0.221379	0.141901	No
<i>FRMD5</i>	0.83	1.25	0.86	1.06	1.229508197	1.109492438	0.149063	0	No
<i>MIR31HG</i>	544.45	505.33	1.12	2.65	0.928279402	1.722060901	-0.0893295	0.647063	No
<i>CYP4F11</i>	0.44	0.62	<0.1	NA	1.125	NA	0	NA	No
<i>TLN2</i>	13.91	12.77	8.65	8.04	0.923541247	0.937250416	0	-0.129499	No
<i>TVP23B</i>	16.89	8.37	15.12	16.09	0.523756288	1.060186936	-0.884721	0	No
<i>ZNF217</i>	0.43	1.67	45.19	50.07	1.867132867	1.105733708	0.717778	0	No
<i>SRGAP2C</i>	5.73	13.66	<0.1	NA	2.178306092	NA	1.00502	NA	No
<i>ATPAF2</i>	4.29	5.26	<0.1	NA	1.183364839	NA	0.160779	NA	No
<i>CYP4F22</i>	3	5.81	2.45	2.35	1.7025	0.970071627	0.695289	0	No
<i>PPIH</i>	0.64	0.92	0.99	1.17	1.170731707	1.089004375	0.16201	0	No
<i>DRC3</i>	0.65	0.62	2.77	2.85	0.981818182	1.021869812	0	0	No
<i>ZNF57</i>	0.13	0.07	<0.1	NA	0.946902655	NA	0	NA	No
<i>SHLD1</i>	9.32	16.51	<0.1	NA	1.696705426	NA	0.623047	NA	No
<i>JMJD1C</i>	2.97	4.3	11.22	12.61	1.335012594	1.113645408	0.00160444	0	No
<i>SYNPO</i>	5.01	7.74	4.73	6.19	1.454242928	1.2547615	0.503453	0.148802	No
<i>MAL</i>	10.62	7.86	<0.1	NA	0.762478485	NA	-0.199906	NA	No
<i>ZNF554</i>	11.13	28.45	<0.1	NA	2.427864798	NA	1.19275	NA	No
<i>RAB33B</i>	1.34	1.47	<0.1	NA	1.055555556	NA	0	NA	No
<i>THOP1</i>	1.86	2.45	1.55	1.66	1.206293706	1.04503088	0.188473	0	No
<i>EPHX4</i>	16.25	68.28	<0.1	NA	4.016231884	NA	1.81917	NA	No
<i>LAMB2</i>	4.35	5.72	4.45	5.13	1.256074766	1.125118926	0.118139	0	No
<i>USP19</i>	50.26	51.09	85.94	87.33	1.016191963	1.016038263	0	-0.0657773	No
<i>QARS1</i>	9.78	10.63	0.27	0.74	1.078849722	1.366202017	0	0.439753	No
<i>ORMDL3</i>	7.95	12.99	15.32	14.82	1.563128492	0.969454911	0.567264	-0.0832372	No
<i>KLF11</i>	1.39	1.62	0.18	0.38	1.09623431	1.173494231	0	0.0485143	No
<i>SMN1</i>	107.58	120.35	100.34	117.57	1.117609136	1.17003271	0.107251	0.0287753	No
<i>EIF2AK3</i>	3.32	5.65	<0.1	NA	1.539351852	NA	0.504476	NA	No
<i>MOB3A</i>	8.76	11.76	0.71	1.36	1.307377049	1.378693274	0.228487	0.206976	No
<i>KRCC1</i>	2.06	1.72	<0.1	NA	0.888888889	NA	0	NA	No
<i>NME6</i>	0.25	0.44	2.36	2.34	1.152	0.992830689	0.146128	0	No
<i>CYCS</i>	28.56	27.68	<0.1	NA	0.970230041	NA	0	NA	No
<i>SLFN12</i>	1.04	1.78	97.77	95.64	1.362745098	0.978451862	0.360949	-0.143812	No

<i>CALB2</i>	9.91	10.43	3.72	3.78	1.047662695	1.012665438	0	0	No
<i>FRMD3</i>	10.51	10.36	13.21	17.27	0.986967854	1.28553492	0	0.173783	No
<i>MTBP</i>	10.58	11.57	49.62	41.38	1.085492228	0.837308643	0.018433	-0.271918	No
<i>TEFM</i>	15.61	23.98	62.46	45.15	1.503913305	0.727226416	0.46095	-0.542483	No
<i>MRPL13</i>	37.06	34.58	39.34	38.03	0.934839727	0.967637476	0	-0.114868	No
<i>MALT1</i>	3.07	2.84	2.55	2.90	0.943488943	1.098108034	0	0	No
<i>ISG20</i>	4.1	4.38	7.73	8.73	1.054901961	1.11477957	0	0	No
<i>MBOAT1</i>	6.08	8.53	18.93	20.47	1.346045198	1.07716851	0.298708	0	No
<i>ID4</i>	1.95	1.51	4.25	4.25	0.850847458	0.9995013	0	0	No
<i>CEBPB</i>	30.1	32.09	155.49	141.07	1.063987138	0.9078668	0	-0.247405	No
<i>PAIP1</i>	1.85	1.4	4.83	5.05	0.842105263	1.038080521	-0.0946405	0	No
<i>CLEC7A</i>	0.22	0.24	0.74	0.78	1.016393443	1.024787907	0	0.156268	No
<i>C5orf34</i>	2.62	3.47	2.93	3.18	1.23480663	1.062866955	0.142067	0	No
<i>C1QTNF4</i>	2.21	5.39	9.08	10.04	1.990654206	1.095466962	0.821946	0	No
<i>SERHL</i>	8.77	5.47	<0.1	NA	0.66223132	NA	-0.417511	NA	No
<i>ZNF131</i>	3.02	5.25	4.63	5.03	1.554726368	1.070484697	0.607037	0	No
<i>DPAGT1</i>	23.33	12.46	1.95	2.63	0.553226469	1.229823335	-0.750933	0	No
<i>BSG</i>	54.92	62.06	32.88	34.04	1.127682403	1.034371416	0.116953	-0.0445011	No
<i>HINFP</i>	0.81	0.94	4.66	4.50	1.071823204	0.972581821	0	-0.0958314	No
<i>CERS6</i>	43.96	45.28	46.00	48.98	1.029359431	1.063337061	0	0	No
<i>SPTLC3</i>	2.14	3.62	19.67	23.50	1.47133758	1.185358541	0.483095	0	No
<i>COPRS</i>	2.59	3.79	4.97	5.10	1.334261838	1.02250665	0.280202	0	No
<i>TP53RK</i>	4.13	5.56	11.03	10.73	1.278752437	0.974732837	0.266266	-0.0720383	No
<i>BPGM</i>	0.6	0.63	0.39	0.96	1.01875	1.409854395	0	0.829218	No
<i>POP7</i>	2.61	6.43	3.23	3.17	2.058171745	0.986841469	1.04868	0	No
<i>ALG14</i>	1.56	2.1	5.74	3.29	1.2109375	0.636959785	0	-0.503792	No
<i>SUCLG2</i>	8.39	22.91	<0.1	NA	2.546325879	NA	1.2841	NA	No
<i>STARD5</i>	10.76	10.35	10.06	11.75	0.965136054	1.15319775	0	0	No
<i>GNB2</i>	3.57	3.08	<0.1	NA	0.892778993	NA	0	NA	No
<i>MCRIP2</i>	12.31	10.18	22.22	26.39	0.839969947	1.179575955	0	0	No
<i>C2CD2L</i>	16.82	14.78	89.72	108.95	0.885521886	1.211924528	-0.0354956	0.0140357	No
<i>ARNT2</i>	3.1	2.94	3.40	4.13	0.96097561	1.166354882	0	0	No
<i>GNG12</i>	2.75	2.58	0.70	0.86	0.954666667	1.091651399	0	0	No
<i>PRSS27</i>	31.76	31.66	18.21	17.89	0.996947497	0.983370785	0	-0.139286	No
<i>CLP1</i>	12.95	14.05	10.52	11.02	1.078853047	1.043049476	0	0	No
<i>TTC36</i>	250.98	145.56	2142.51	2105.44	0.581633463	0.982706662	-0.747039	0	No
<i>RSPH9</i>	67.12	75.02	11.19	12.04	1.115971814	1.070015165	0.0912589	0	No
<i>COPS9</i>	0.61	0.91	2.42	2.62	1.186335404	1.057970549	0	0	No

GTPBP2	1.59	1.89	5.14	5.50	1.115830116	1.059142102	0	0	No
FGGY	19.2	16.05	145.36	178.39	0.844059406	1.225649339	-0.0918687	0	No
PRSS30P	0.26	2.82	26.89	24.52	3.031746032	0.91494037	2.20648	-0.169867	No
FUT9	0.41	0.55	1.21	1.20	1.09929078	0.995674017	0.00194817	0	No
TCEAL1	1.25	1.32	0.71	1.00	1.031111111	1.169964225	0	0.0568357	No
ZNF24	0.62	0.65	3.43	4.04	1.018518519	1.136997846	0	0	No
MANEA	1.57	2.82	2.77	2.63	1.486381323	0.962536043	0.57903	0	No
MAB21L4	0.59	1.57	<0.1	NA	1.616352201	NA	0.799254	NA	No
AFF1	50.27	28.98	<0.1	NA	0.584747416	NA	-0.649736	NA	No
FIBP	2.13	3.08	<0.1	NA	1.303514377	NA	0.0333897	NA	No
CARNS1	1	0.85	0.28	0.46	0.925	1.138140686	0	0.131849	No
BANP	1.86	2.91	0.12	0.20	1.367132867	1.074832991	0.293945	0	No
PPP1CA	6.6	4.38	7.65	6.86	0.707894737	0.908779111	-0.362941	-0.102197	No
HCFC1	2.24	2.8	18.82	19.65	1.172839506	1.042058313	0.092499	0	No
NIPAL4	0.37	0.91	0.47	0.12	1.394160584	0.764752524	0.487259	-1.14765	No
RASGRP1	15.38	22.61	14.36	17.12	1.441391941	1.179367462	0.417166	0	No
CHCHD1	1.4	1.84	0.68	0.40	1.183333333	0.832681458	0	0	No
MRPL52	0.6	1.47	<0.1	NA	1.54375	NA	0.683959	NA	No
RND1	1.05	1.49	7.15	7.64	1.214634146	1.060328915	0.00778153	0	No
RAD9A	6.6	8.43	5.24	5.57	1.240789474	1.053558195	0.0725814	0	No
EFEMP2	7.11	10.38	4.59	5.88	1.403205919	1.230921579	0.391036	0	No
WASHC2C	0.11	0.27	3.21	3.76	1.144144144	1.129688987	0.39909	0	No
TMEM134	22.53	10.75	<0.1	NA	0.499362516	NA	-0.904225	NA	No
ZMAT3	0.45	1.18	0.11	0.09	1.503448276	0.984817817	0.703657	0	No
ZFAND4	7.2	4.13	8.50	6.94	0.625609756	0.835761084	-0.617889	-0.262684	No
ZNF738	1.33	1.54	1.15	1.16	1.090128755	1.005354549	0	0	No
SLFN11	19.68	28.55	25.86	23.45	1.428916828	0.910191726	0.366082	-0.222065	No
CORO1B	23.48	19.51	66.09	57.50	0.837826797	0.872030495	-0.152037	-0.268343	No
FUT10	2.89	3.49	2.34	2.79	1.154241645	1.133785804	0.0449885	0	No
LRRC20	11.3	9.07	4.67	6.49	0.818699187	1.321744242	-0.0600631	0.0665598	No
MUS81	80.37	47.29	139.01	129.53	0.593461964	0.932309877	-0.654508	-0.200874	No
TMEM217	6.26	4.08	<0.1	NA	0.699724518	NA	-0.305764	NA	No
ZNF596	8.26	8.94	28.19	28.73	1.073434125	1.01839329	0	-0.0266877	No
CFL1	4.31	4.69	45.22	49.40	1.071563089	1.090442994	0	0	No
TMCC1	4.47	7.91	7.61	7.49	1.628884826	0.985776629	0.58063	-0.0389879	No
NAA16	1.09	1.05	1.79	1.36	0.980861244	0.846816814	0	-0.273231	No
PSME3IP1	17.78	10.39	20.74	26.81	0.606496273	1.279264179	-0.468384	0.0230558	No
RAB43	8.21	7.87	28.17	28.13	0.963083605	0.998769415	0	-0.0331038	No

<i>CBWD1</i>	38.15	27.96	36.98	34.08	0.739719029	0.923755917	-0.361995	-0.196825	No
<i>HOXC5</i>	13.45	15.27	5.32	6.73	1.125951557	1.222452684	0.0764562	0	No
<i>DCP2</i>	15.16	19.29	1.63	1.22	1.255569307	0.842480959	0.243292	-0.0469008	No
<i>SNX32</i>	40.58	38.58	53.51	43.83	0.951899952	0.82247958	0	-0.337543	No
<i>RPL38</i>	350.29	316.77	51.07	47.33	0.904580261	0.92811007	-0.100648	-0.173625	No
<i>CYP7B1</i>	10.53	10.52	<0.1	NA	0.999132697	NA	0	NA	No
<i>OVOL1</i>	0.37	0.3	1.43	2.14	0.948905109	1.292833919	0	0	No
<i>RARG</i>	14.46	24.37	29.72	30.93	1.641009056	1.039433639	0.59613	0	No
<i>CES3</i>	12.86	14.85	36.47	37.77	1.143578644	1.034704286	0.0888852	-0.01068	No
<i>SSH3</i>	0.26	4.53	<0.1	NA	4.388888889	NA	3.54814	NA	No
<i>CES2</i>	2.3	2.74	6.08	7.70	1.133333333	1.228821257	0	0.0518571	No
<i>PDP2</i>	0.5	0.48	1.71	1.78	0.986666667	1.024353041	0	0	No
<i>SP3</i>	0.58	1.53	0.86	1.34	1.601265823	1.257401376	0.93336	0.0869714	No
<i>DMXL1</i>	25.6	19.81	97.34	78.25	0.782330827	0.805865219	-0.268658	-0.398251	No
<i>METAP1D</i>	52.17	44	26.28	27.13	0.846341922	1.031306026	-0.169996	0	No
<i>ZNF621</i>	0.49	1.72	<0.1	NA	1.825503356	NA	1.31083	NA	No
<i>EGFL7</i>	9.62	9.21	26.66	25.46	0.961393597	0.95644393	0	-0.104459	No
<i>NADSYN1</i>	10.28	9.39	35.97	36.78	0.921099291	1.021880466	0	-0.0551472	No
<i>DHCR7</i>	6.04	5.36	33.66	35.53	0.903409091	1.053987702	0	0	No
<i>NBEA</i>	31.7	39.86	240.42	202.06	1.249541284	0.841114969	0.2148	-0.300422	No
<i>RNASEH2C</i>	1.35	2.76	3.43	3.48	1.6	1.011340435	0.83451	0	No
<i>MYEOV</i>	0.95	1.78	12.00	15.29	1.425641026	1.253064269	0.560193	0.0329785	No
<i>ANKRD13D</i>	3.87	294.17	0.10	0.10	60.60985626	1.003433595	5.9915	0	No
<i>MYD88</i>	95.53	16.54	<0.1	NA	0.181705169	NA	-2.44546	NA	No
<i>OXSR1</i>	0.27	0.37	0.99	1.20	1.078740157	1.104588106	0	0	No
<i>PHF8</i>	0.72	1.29	1.75	2.31	1.331395349	1.202481016	0.391534	0.14292	No
<i>LCLAT1</i>	56.82	74.64	<0.1	NA	1.308197855	NA	0.313686	NA	No
<i>WIR4435-2H6</i>	5.59	12.86	<0.1	NA	2.103186646	NA	0.944111	NA	No
<i>VDAC2P5</i>	40.77	43.06	83.73	87.68	1.054824036	1.04664034	0	0	No
<i>KAT5</i>	40.94	18.98	11.28	11.95	0.47639485	1.054843641	-0.941148	0	No
<i>SH3RF3</i>	1.46	2.24	5.30	6.24	1.317073171	1.149798182	0.153443	0	No
<i>DKAKD</i>	0.22	0.15	<0.1	NA	0.942622951	NA	-0.0189054	NA	No
<i>TADA2B</i>	26.67	18.12	23.82	18.28	0.691001084	0.776760089	-0.361355	-0.430312	No
<i>CCDC96</i>	2.19	2.3	<0.1	NA	1.034482759	NA	0	NA	No
<i>GRK2</i>	2.34	2.75	1.33	1.23	1.122754491	0.955057264	0	0	No
<i>RELA</i>	0.62	0.69	0.12	0.28	1.043209877	1.144465628	0	0	No
<i>ZNF680</i>	6.56	7.58	27.88	30.96	1.134920635	1.106482829	0.0304426	0	No
<i>HECTD4</i>	10.6	12.59	14.31	14.38	1.171551724	1.004479767	0.160421	-0.0255048	No

<i>FAM222B</i>	1.29	3.77	2.75	4.04	2.082969432	1.344237723	1.02359	0.155131	No
<i>BNC2</i>	1.65	2.44	5.12	6.03	1.298113208	1.148097028	0.34428	0	No
<i>RXFP4</i>	5.51	10.31	11.60	10.42	1.737327189	0.906135939	0.772925	-0.1509	No
<i>HPSE</i>	1.79	3.26	4.56	5.75	1.52688172	1.213995454	0.579392	0.0621997	No
<i>COQ2</i>	7.95	9.37	9.53	10.46	1.158659218	1.088563178	0.106523	0	No
<i>CCDC63</i>	0.36	0.52	12.40	12.17	1.117647059	0.983012546	0.021863	-0.052495	No
<i>HSPA6</i>	10.82	15.75	26.27	26.85	1.417089679	1.021422971	0.418935	-0.0620235	No
<i>TRMT112</i>	14.04	20.06	18.11	15.61	1.400265957	0.869367035	0.392835	-0.195896	No
<i>KDM2A</i>	13	18.19	13.76	14.93	1.370714286	1.079071444	0.306691	0	No
<i>ADCK5</i>	2.77	3.86	7.90	9.05	1.289124668	1.12890106	0.190933	0	No
<i>MRPL57</i>	0.14	0.24	0.96	1.86	1.087719298	1.460581145	0	0.288093	No
<i>NOC3L</i>	17.2	13.67	42.86	41.99	0.806043956	0.980051329	-0.172699	-0.057402	No
<i>ESRRA</i>	0.14	4.23	<0.1	NA	4.587719298	NA	3.47701	NA	No
<i>RHOD</i>	64.41	96.1	10.85	12.75	1.484482495	1.160015276	0.508561	0.00122762	No
<i>COMMD1</i>	11.56	12.28	17.27	17.99	1.057324841	1.039252894	0	0	No
<i>RAPH1</i>	5.02	6.09	8.62	8.09	1.177740864	0.944561908	0.0349833	0	No
<i>MTX1</i>	59.5	62.66	72.91	67.31	1.052231405	0.924252933	0.013365	-0.221559	No
<i>PARP14</i>	32.13	34.78	100.22	94.67	1.079987926	0.945139835	0.0169407	-0.150196	No
<i>CKS1B</i>	6.05	11.07	9.06	10.65	1.712056738	1.158214504	0.735577	0	No
<i>AHSA2P</i>	5.81	12.6	16.26	13.93	1.997063142	0.86510057	0.91958	0	No
<i>ABLIM3</i>	3.83	6.99	1.43	2.61	1.654244306	1.485012339	0.695147	0.390934	No
<i>MFSD4B</i>	10.16	9.83	1.42	1.63	0.970430108	1.087813562	0	0	No
<i>VANGL1</i>	9.53	8.84	15.62	13.20	0.934472934	0.854196984	0	-0.270044	No
<i>GLRX</i>	2.6	3.36	6.34	6.97	1.211111111	1.085232602	0.205355	0	No
<i>IQCB1</i>	1.46	6.32	<0.1	NA	2.975609756	NA	1.8065	NA	No
<i>SYT12</i>	1.08	1.22	<0.1	NA	1.067307692	NA	0	NA	No
<i>GOLGB1</i>	5.54	5.45	<0.1	NA	0.986238532	NA	0	NA	No
<i>C11orf86</i>	8.11	7.23	4.37	5.41	0.903402854	1.193796804	-0.0564139	0.0266251	No
<i>DMRT2</i>	0.37	1.17	0.89	1.00	1.583941606	1.056402908	0	0	No
<i>GPR137</i>	16.92	19.96	83.42	74.49	1.169642857	0.894233875	0.0580788	-0.217871	No
<i>MZT2A</i>	10.84	7.95	23.45	18.31	0.755912162	0.789792995	-0.281851	-0.338019	No
<i>TNKS</i>	18.16	18.86	77.10	75.24	1.036534447	0.976212835	0	-0.0995283	No
<i>ZNF449</i>	0.86	0.44	2.32	2.38	0.774193548	1.017315096	-0.378111	0	No
<i>ZBTB21</i>	13.42	11.74	8.41	8.18	0.883495146	0.975344806	0	0	No
<i>PPP1R3B</i>	2.9	2.08	3.93	4.06	0.78974359	1.026706725	-0.257909	0	No
<i>FAM86B3P</i>	0.24	6.98	0.44	0.20	6.435483871	0.832587579	3.6548	0	No
<i>STOX2</i>	0.12	0.49	4.14	3.91	1.330357143	0.954862069	0.856791	0	No
<i>MAP3K11</i>	4.33	4.18	14.38	12.23	0.971857411	0.860133624	0	-0.285286	No

<i>TRIB1</i>	3.27	3.59	11.33	9.84	1.074941452	0.879043936	0	-0.124226	No
<i>KCNK7</i>	19.27	26.38	13.73	13.79	1.350764677	1.004009646	0.31009	0	No
<i>IQCF1</i>	4.83	6.21	99.31	119.30	1.23670669	1.199232685	0.223475	0.0895327	No
<i>OLR1</i>	0.24	0.31	<0.1	NA	1.056451613	NA	0	NA	No
<i>GLIPR1L1</i>	4.31	5.32	3.81	3.98	1.190207156	1.034389616	0	0	No
<i>DAG1</i>	0.14	1.58	3.32	2.35	2.263157895	0.77444839	2.48158	-0.393522	No
<i>ARV1</i>	66.85	49.16	67.01	54.37	0.739277819	0.814181186	-0.35383	-0.394346	No
<i>NAA20</i>	16.38	13.91	19.55	12.70	0.857882624	0.66682464	-0.0637519	-0.562701	No
<i>SAA1</i>	9.36	9.61	34.93	37.94	1.024131274	1.083778613	0	0	No
<i>MICOS10</i>	0.33	1.04	0.65	0.93	1.533834586	1.172419233	1.0659	0	No
<i>EHBP1L1</i>	20.32	25.33	32.84	41.68	1.234990619	1.261325941	0.241622	0.104897	No
<i>THAP2</i>	3.95	3.55	50.74	46.39	0.919191919	0.915915944	0	-0.225614	No
<i>RNF26</i>	483.72	300.55	1064.50	1134.38	0.622111735	1.065586479	-0.630617	0	No
<i>PPP1R14B</i>	10.83	11.7	<0.1	NA	1.073541843	NA	0	NA	No
<i>ZNRD2</i>	60.3	47.42	225.47	236.11	0.789885808	1.046996879	-0.282527	-0.0134315	No
<i>SMARCC1</i>	4.63	4.92	21.14	22.53	1.051509769	1.062645359	0	0	No
<i>ZNF417</i>	157.76	139.77	6.59	8.04	0.886684303	1.191220433	-0.120239	0	No
<i>PTPRM</i>	6.25	6.15	<0.1	NA	0.986206897	NA	0	NA	No
<i>FKBP2</i>	0.7	0.41	<0.1	NA	0.829411765	NA	-0.17765	NA	No
<i>VEGFB</i>	6.76	5.86	<0.1	NA	0.884020619	NA	0	NA	No
<i>PEAK1</i>	11.8	8.45	<0.1	NA	0.73828125	NA	-0.308502	NA	No
<i>TNFRSF10D</i>	0.47	0.88	0.69	0.72	1.278911565	1.018198199	0.562144	0	No
<i>MST1</i>	10.63	10.23	10.26	12.80	0.965606191	1.225536804	0	0	No
<i>TNFRSF10C</i>	18.83	21.56	23.92	23.42	1.137670197	0.980112174	0.0972331	-0.100311	No
<i>GMPPB</i>	2.3	2.01	4.96	4.96	0.912121212	0.999239352	0	-0.0209873	No
<i>MOB1B</i>	4.47	4.43	20.24	19.44	0.992687386	0.962459679	0	-0.0849853	No
<i>ZNF622</i>	0.18	0.18	<0.1	NA	1	NA	0	NA	No
<i>CSPG4</i>	10.57	7.09	237.95	247.30	0.699222126	1.039140228	-0.264215	-0.0021213	No
<i>SNX33</i>	0.14	0.2	<0.1	NA	1.052631579	NA	0	NA	No
<i>FAM166C</i>	0.85	1.19	1.00	1.30	1.183783784	1.14781585	0	0	No
<i>NABP1</i>	1.66	1.88	<0.1	NA	1.082706767	NA	0	NA	No
<i>CHD2</i>	1.59	1.91	14.25	15.27	1.123552124	1.06667202	0.0145143	-0.006349	No
<i>CCDC106</i>	4.23	7.38	2.88	5.23	1.602294455	1.606387925	0.656527	0.519828	No
<i>CEP83</i>	16.74	25.95	<0.1	NA	1.519165727	NA	0.430706	NA	No
<i>NUDT4</i>	0.94	0.94	1.07	0.80	1	0.868643893	0	0	No
<i>PC</i>	3.57	4.18	1.41	1.82	1.133479212	1.168237672	0	0	No
<i>SCAI</i>	13.86	18.79	86.77	79.24	1.331763122	0.914223342	0.338059	-0.215576	No
<i>NMNAT1</i>	2.97	3.28	0.82	0.60	1.078085642	0.87883534	0	0	No

<i>LRFN4</i>	51.45	47.64	<0.1	NA	0.92735939	NA	-0.0514095	NA	No
<i>SLC19A1</i>	18.09	19.93	27.51	26.27	1.096385542	0.956475539	0.0341609	-0.154837	No
<i>RCE1</i>	44.48	34.36	<0.1	NA	0.777484609	NA	-0.291295	NA	No
<i>UQCRH</i>	29.74	28.61	12.06	14.15	0.963240078	1.160385141	0	0.0167862	No
<i>EIF1AX</i>	4.7	9.46	5.56	6.65	1.835087719	1.166049038	0.80526	0	No
<i>BCLAF3</i>	2.88	2.84	2.53	3.67	0.989690722	1.321812349	0	0	No
<i>PSMD1</i>	3.68	3.7	2.48	2.39	1.004273504	0.973165778	0	0	No
<i>SUSD5</i>	3.34	6.93	45.64	45.74	1.82718894	1.002083885	0.799984	-0.0749023	No
<i>HEG1</i>	2.77	4.4	14.15	14.65	1.432360743	1.033007554	0.251508	0	No
<i>C11orf80</i>	2.47	2.66	6.27	7.06	1.054755043	1.108899304	0	0	No
<i>TOMM20</i>	24.2	31.14	47.23	55.85	1.275396825	1.178665356	0.276642	0.0336741	No
<i>AP000769.1</i>	1.35	2.2	2.60	3.92	1.361702128	1.367219311	0.259056	0.195264	No
<i>AGFG1</i>	35.33	25.8	<0.1	NA	0.737682356	NA	-0.299187	NA	No
<i>STAT5B</i>	3.64	2.91	0.42	0.90	0.842672414	1.340985941	-0.0867417	0.443088	No
<i>CNP</i>	0.99	2.36	7.38	7.15	1.688442211	0.973024152	0.934574	0	No
<i>JUP</i>	1.72	2.45	5.68	9.12	1.268382353	1.515058603	0.0347415	0.30857	No
<i>HAP1</i>	12.71	13.68	43.44	47.45	1.070751276	1.090168856	0	0	No
<i>TDRD12</i>	4.59	4.04	1.65	2.12	0.901610018	1.177812403	0	0	No
<i>EIF1</i>	3.53	3.94	<0.1	NA	1.090507726	NA	0	NA	No
<i>ENDOV</i>	223.55	191.44	43.80	32.89	0.857002895	0.756384879	-0.167375	-0.506232	No
<i>RNF213</i>	55.79	55.43	29.08	27.67	0.993660856	0.953220224	0	-0.0862079	No
<i>TIGD3</i>	0.2	0.59	0.25	0.06	1.325	0.845315295	0.559828	-0.567348	No
<i>PLK3</i>	3.41	5.2	8.46	10.33	1.405895692	1.197221795	0.297337	0	No
<i>NET1</i>	0.23	1.55	0.15	0.00	2.073170732	0.869565217	1.09792	-0.166417	No
<i>DPY19L1</i>	0.13	0.13	0.34	0.19	1	0.886187981	0	0	No
<i>PHOSPHO1</i>	6.52	11.33	28.41	30.06	1.63962766	1.056150011	0.667586	0	No
<i>ZNF791</i>	15.14	14.63	24.19	23.99	0.968401487	0.992200692	0	-0.0980194	No
<i>PHC3</i>	202.12	223.99	355.15	312.87	1.107670343	0.881276455	0.1096	-0.290408	No
<i>GPR160</i>	3.39	4.95	16.24	13.94	1.355353075	0.866400127	0.371077	-0.116406	No
<i>CBX2</i>	2.21	2	5.68	5.67	0.934579439	0.998072833	0	0	No
<i>SPTBN2</i>	0.46	0.55	<0.1	NA	1.061643836	NA	0	NA	No
<i>GOLIM4</i>	20.04	19.52	23.54	29.76	0.975285171	1.253464791	0	0.00299827	No
<i>RBM4B</i>	10.29	10.26	4.98	4.89	0.997342781	0.984596207	0	0	No
<i>ATP5MD</i>	3.2	5.03	5.79	5.66	1.435714286	0.980354663	0.304204	0	No
<i>HOXB2</i>	38.26	36.81	62.66	66.01	0.963066735	1.052606585	0	0	No
<i>C1QTNF1</i>	0.63	0.52	4.28	4.37	0.932515337	1.017467556	0	0	No
<i>MARCHF3</i>	20.1	11.55	14.54	15.67	0.59478673	1.072843027	-0.636356	0	No
<i>SWSAP1</i>	0.27	0.53	2.46	3.13	1.204724409	1.194219058	0.254986	0	No

<i>RBM4</i>	67.04	63.89	210.30	191.55	0.953703704	0.911281577	0	-0.24328	No
<i>XXYL1</i>	9.38	7.44	<0.1	NA	0.813102119	NA	-0.165631	NA	No
<i>UBXN2A</i>	4.09	3.11	28.89	28.16	0.807465619	0.975722712	-0.204905	-0.159017	No
<i>TCAP</i>	0.18	0.5	<0.1	NA	1.271186441	NA	0.711808	NA	No
<i>CCS</i>	16.11	20.02	0.15	0.42	1.228521333	1.230856015	0.194048	0.440791	No
<i>NRROS</i>	1.71	1.16	1.79	2.54	0.79704797	1.269098376	-0.170581	0	No
<i>CEP19</i>	7.6	12.21	13.06	13.87	1.536046512	1.057274498	0.44305	0	No
<i>KLHL15</i>	0.58	0.79	0.15	0.15	1.132911392	0.999898316	0	0	No
<i>FBXO45</i>	0.24	0.42	0.71	0.55	1.14516129	0.907608279	0	0	No
<i>CBY2</i>	3.91	4.8	<0.1	NA	1.181262729	NA	0	NA	No
<i>GNG5</i>	54.31	63.57	85.59	82.90	1.167419996	0.968968896	0.161196	-0.140273	No
<i>FAM3C2</i>	0.53	0.87	2.50	3.17	1.222222222	1.192552053	0.33071	0	No
<i>SLC25A30</i>	0.17	1.82	<0.1	NA	2.41025641	NA	2.17869	NA	No
<i>CTSF</i>	0.23	0.22	<0.1	NA	0.991869919	NA	0	NA	No
<i>MSRB3</i>	7.51	3.44	7.33	8.35	0.52173913	1.122965542	-0.731927	0	No
<i>LEMD3</i>	1.71	1.89	13.84	15.06	1.066420664	1.082179077	0	0	No
<i>C16orf91</i>	0.83	0.83	3.15	3.67	1	1.125514443	0	0	No
<i>TLR1</i>	5.53	4.3	<0.1	NA	0.811638591	NA	-0.0665743	NA	No
<i>TLR6</i>	3.1	5.82	11.76	11.82	1.663414634	1.004536924	0.742362	-0.0610682	No
<i>FAM174A</i>	31.33	25.14	52.90	54.36	0.808536963	1.02707862	-0.204379	-0.0225221	No
<i>RGMB</i>	0.21	0.31	0.23	0.41	1.082644628	1.146554414	0	0	No
<i>FAM53A</i>	4.51	7.48	16.22	17.30	1.539019964	1.062872922	0.567685	0	No
<i>CYB561D1</i>	120.11	100.83	196.22	200.53	0.840805879	1.021843786	-0.187992	-0.0633807	No
<i>ZDHHHC24</i>	18.44	19.7	50.62	49.13	1.064814815	0.971095064	0.0110959	-0.134861	No
<i>TRMT10C</i>	0.43	1.02	<0.1	NA	1.412587413	NA	0.553884	NA	No
<i>CTU2</i>	17.52	11.45	38.37	35.51	0.67224622	0.927385999	-0.371972	-0.051448	No
<i>MGA</i>	37.82	44.51	35.96	36.96	1.172333849	1.027090558	0.13922	-0.0128733	No
<i>C12orf66</i>	1.37	2.85	<0.1	NA	1.624472574	NA	0.657405	NA	No
<i>ARL13A</i>	13.57	16.1	20.30	22.54	1.173644475	1.105215248	0.107039	0	No
<i>PIGG</i>	3.93	4.43	5.17	7.23	1.101419878	1.334550578	0	0	No
<i>PRPF8</i>	5.89	6.73	<0.1	NA	1.12191582	NA	0.0081592	NA	No
<i>ADCY6</i>	14.01	8.83	9.48	7.73	0.654896736	0.832959222	-0.529142	-0.115133	No
<i>PITPNA</i>	0.8	1.78	0.41	0.59	1.544444444	1.125127096	0.83865	0.0447109	No
<i>DDX23</i>	0.93	1.14	1.41	1.23	1.10880829	0.923314983	0	0	No
<i>ZNHIT2</i>	1.1	3.82	1.64	2.29	2.295238095	1.247063622	1.37865	0.176262	No
<i>ZBTB4</i>	0.16	0.77	14.81	16.53	1.525862069	1.108853333	1.40474	0	No
<i>TNK1</i>	46.69	40.61	125.22	125.61	0.87250996	1.003063087	-0.129111	-0.0821704	No
<i>ZHX3</i>	0.63	0.54	2.22	2.24	0.944785276	1.005583126	0	0	No

<i>PHLDA3</i>	9.64	5.91	6.80	7.09	0.64943609	1.036987114	-0.494862	0	No
<i>SLC16A13</i>	12.91	14.49	56.18	53.24	1.113587347	0.948561473	0.0386771	-0.0788102	No
<i>STAG3L3</i>	0.34	0.56	0.10	0.25	1.164179104	1.137758055	0	0	No
<i>SNHG11</i>	0.11	0.11	1.01	1.19	1	1.089959753	0	0	No
<i>C11orf45</i>	206.82	152.57	1092.93	982.37	0.73895679	0.898929192	-0.404761	-0.260257	No
<i>EXO1</i>	4.57	4.86	1.46	1.40	1.052064632	0.977595873	0	0	No
<i>RALGAPA1</i>	1.45	2.4	4.88	5.36	1.387755102	1.081849683	0.393799	0	No
<i>LIG4</i>	24.41	25.73	<0.1	NA	1.051948052	NA	0	NA	No
<i>GTF2IRD2B</i>	6.07	6.7	3.14	2.86	1.089108911	0.931998737	0	-0.164592	No
<i>ATP2A2</i>	0.91	1.17	57.05	57.96	1.136125654	1.015590548	0.0794994	0	No
<i>ZWILCH</i>	0.39	0.18	<0.1	NA	0.848920863	NA	0	NA	No
<i>RPL4</i>	1.52	2.51	6.03	7.65	1.392857143	1.231045639	0.486141	0.149726	No
<i>SNAPC5</i>	0.28	0.42	1.45	0.98	1.109375	0.810153784	0	0	No
<i>C12orf76</i>	106.58	84.09	865.80	949.56	0.790946273	1.096626722	-0.284119	0	No
<i>BBS1</i>	0.23	0.38	0.77	0.49	1.12195122	0.841055848	0	-0.0265022	No
<i>DENND4A</i>	10.87	14.11	<0.1	NA	1.272957035	NA	0.216575	NA	No
<i>ANKRD36C</i>	0.41	1.32	7.51	7.77	1.645390071	1.030932526	1.0659	0	No
<i>SLC26A9</i>	43.42	34.83	54.35	57.23	0.80661864	1.052081333	-0.225469	-0.0192836	No
<i>MFSD4A</i>	10.05	15.39	43.69	39.26	1.483257919	0.900887019	0.47952	-0.241637	No
<i>PELI3</i>	2.79	2.96	1.98	1.93	1.044854881	0.981674405	0	0	No
<i>TTC9B</i>	3.62	5.13	12.72	13.49	1.326839827	1.056233694	0.374189	0	No
<i>TMEM81</i>	1.17	1.12	2.37	3.04	0.976958525	1.199044437	0	0.0402759	No
<i>MRPL11</i>	0.94	0.93	3.62	3.78	0.994845361	1.03497127	0	0	No
<i>IL20RB</i>	1.03	1.51	2.89	3.29	1.236453202	1.102102719	0.224282	0	No
<i>GOLT1A</i>	5.19	12.06	33.02	31.30	2.109854604	0.949366628	0.962334	-0.0241856	No
<i>AKIRIN1</i>	4.53	3.14	28.16	26.09	0.748643761	0.929074211	-0.390537	-0.126775	No
<i>MSL2</i>	209.93	106.8	60.55	38.82	0.511070023	0.646920256	-0.929665	-0.699259	No
<i>ZNF497</i>	0.17	0.09	<0.1	NA	0.931623932	NA	0	NA	No
<i>ANGEL2</i>	16.17	22.73	39.11	39.69	1.382061736	1.014336888	0.37777	-0.0084625	No
<i>IQCK</i>	87.67	81.26	0.19	0.80	0.927709485	1.509008745	-0.0478851	1.34975	No
<i>SLCO2A1</i>	13.34	11	118.31	116.35	0.836820084	0.983587022	-0.14876	-0.12226	No
<i>ZNF266</i>	11.31	22.61	10.81	15.23	1.917952884	1.374423202	0.857954	0.25544	No
<i>SLC29A2</i>	11.92	14.79	10.62	9.63	1.222136223	0.914827309	0.187948	-0.131605	No
<i>BRSK2</i>	2.93	4.76	6.65	7.68	1.465648855	1.134289323	0.514217	0	No
<i>B4GAT1</i>	1.48	1.48	1.49	2.06	1	1.229983242	0	0	No
<i>TMEM167A</i>	1.5	1.53	17.18	21.80	1.012	1.25406234	0	0	No
<i>SH3PXD2B</i>	23.3	22.37	<0.1	NA	0.961728395	NA	0	NA	No
<i>RESF1</i>	9.01	6.14	22.55	20.60	0.713286713	0.917134142	-0.343893	-0.0776974	No

LARP7	6.98	4.78	<0.1	NA	0.724310777	NA	-0.359519	NA	No
FGFBP3	14.94	9.33	10.45	9.29	0.648055207	0.898963924	-0.487731	-0.136328	No
NR1D2	6.34	9.55	6.55	6.00	1.4373297	0.926836783	0.426059	-0.0303693	No
BRMS1	0.62	1.79	1.10	0.99	1.722222222	0.949102185	0.757911	0	No
RPL15	1.05	2.09	3.27	3.74	1.507317073	1.109402786	0.606648	0	No
FAM241A	1.94	2	4.93	5.24	1.020408163	1.05228215	0	0	No
HRAS	4.5	6.41	3.08	3.25	1.347272727	1.042151982	0.308132	0	No
SRP72	0.52	0.41	<0.1	NA	0.927631579	NA	0	NA	No
PCP2	0.66	0.85	0.22	0.22	1.114457831	1.001649715	0	0	No
RIN1	3.6	10.21	2.71	4.56	2.436956522	1.499002838	1.28313	0.428566	No
ODAPH	8.02	8.95	22.37	23.97	1.103104213	1.068452547	0	0	No
THAP6	0.27	0.64	0.10	0.13	1.291338583	1.025145509	0	0	No
CEP135	222.29	183.11	101.56	97.86	0.824533118	0.963970064	-0.205977	-0.11544	No
FZD4	29.66	38.58	15.64	15.27	1.290932811	0.977872477	0.320829	-0.0979712	No
BTC	20.18	19.32	17.97	19.09	0.959395656	1.059292861	0	0	No
PDZK1	32.94	28.96	21.86	19.59	0.882734237	0.900589958	-0.0537381	-0.229868	No
DENND6A	1.78	3.36	5.76	6.43	1.568345324	1.09855567	0.574843	0	No
PDE12	95.49	118.29	<0.1	NA	1.236293916	NA	0.213094	NA	No
GLMN	2.26	1.5	15.36	14.63	0.766871166	0.95540439	-0.0676528	0	No
YIF1A	0.83	0.79	0.12	0.23	0.978142077	1.098247604	0	0.248778	No
CNIH2	9.2	7.09	16.75	15.59	0.793137255	0.93481049	-0.162408	-0.0472008	No
NDUFA11	8.01	16.91	4.84	7.33	1.987791343	1.427123576	0.974868	0.346012	No
RSRC1	67.46	88.18	75.72	77.81	1.302658487	1.027305239	0.304262	-0.0036866	No
RAB1B	4.09	4.3	<0.1	NA	1.041257367	NA	0	NA	No
PTDSS2	9.72	10.31	0.39	0.77	1.055037313	1.272558572	0	0.26387	No
MICOS13	0.19	0.37	<0.1	NA	1.151260504	NA	0.439538	NA	No
C3orf33	5.64	5.47	4.57	4.91	0.97439759	1.061453544	0	0	No
SEZ6L2	1.19	1.48	9.36	11.06	1.132420091	1.164158149	0	0	No
ASPHD1	7.32	8.8	9.73	9.98	1.177884615	1.023748174	0.043489	0	No
KCTD13	5.71	10.76	<0.1	NA	1.752608048	NA	0.792653	NA	No
AMZ1	4.42	6.27	4.34	4.76	1.341328413	1.078975103	0.363028	0	No
CD164L2	0.81	5.94	<0.1	NA	3.834254144	NA	2.05156	NA	No
FUT1	0.24	0.25	3.87	4.04	1.008064516	1.034828882	0	0	No
DHX36	12.15	18.19	16.37	15.94	1.459315589	0.975316374	0.439226	-0.0107999	No
AC026271.1	23.54	15.11	270.32	223.88	0.656479218	0.828839135	-0.512854	-0.368199	No
FBXW8	1.45	1.15	5.29	5.70	0.87755102	1.0649741	-0.0846621	0	No
KLC2	1.61	0.8	0.99	0.98	0.689655172	0.99388955	-0.555842	0	No
CTBP2	1.11	2.59	2.01	2.25	1.701421801	1.07815278	0.908842	0	No

<i>ZDHHC14</i>	0.67	1.99	2.11	2.24	1.790419162	1.040650399	1.11659	0	No
<i>ATR</i>	0.58	0.78	15.46	14.46	1.126582278	0.939455766	0	-0.0420689	No
<i>SNHG29</i>	0.43	0.48	0.51	0.63	1.034965035	1.082220435	0	0	No
<i>UBE2C</i>	20.16	18.83	61.59	64.09	0.937145558	1.039899017	-0.0221403	-0.0187602	No
<i>GK5</i>	17.15	21.35	4.23	3.32	1.231404959	0.825562821	0.191915	-0.26589	No
<i>VCP1P1</i>	0.37	1.25	0.23	0.20	1.642335766	0.971818735	0.473596	0	No
<i>DES</i>	0.21	0.28	<0.1	NA	1.05785124	NA	0	NA	No
<i>PD1K1L</i>	0.28	0.12	<0.1	NA	0.875	NA	0	NA	No
<i>TRAF6</i>	77.27	84.94	9.31	11.83	1.097994123	1.244088543	0.090246	0.0985143	No
<i>ZNF654</i>	8	7.06	21.81	25.25	0.895555556	1.150765843	0	0	No
<i>TVP23C</i>	22.1	24.47	38.22	43.99	1.102597403	1.147062825	0	0	No
<i>MRPS22</i>	3.91	4.56	<0.1	NA	1.132382892	NA	0	NA	No
<i>PACS1</i>	30.7	32.68	35.33	40.92	1.062460568	1.153987203	0.0153648	0	No
<i>WFDC5</i>	1.21	0.99	0.93	1.17	0.900452489	1.122796674	0	0	No
<i>MARCKSL1</i>	78.76	56.16	72.12	61.84	0.71664995	0.859404385	-0.406673	-0.309542	No
<i>SH3BP5L</i>	65.84	55.43	162.87	137.24	0.844254937	0.843600407	-0.138599	-0.319044	No
<i>TMEM51-AS</i>	38.81	31.86	<0.1	NA	0.825420749	NA	-0.153111	NA	No
<i>YPEL2</i>	16.04	16.4	29.27	28.58	1.021126761	0.977073828	0	-0.0922115	No
<i>ABO</i>	1.92	4.8	1.67	1.94	1.98630137	1.099438655	1.03741	0	No
<i>PSMD2</i>	6.17	5.48	<0.1	NA	0.90376569	NA	-0.0269179	NA	No
<i>FAM182B</i>	19.54	20.82	40.51	44.90	1.062317429	1.105728596	0	0	No
<i>FAM131A</i>	0.34	0.43	0.91	1.16	1.067164179	1.132277306	0	0	No
<i>CSRP2</i>	1.05	1.85	4.57	5.46	1.390243902	1.159327446	0.39563	0	No
<i>PARL</i>	10.43	12.23	22.96	23.66	1.157480315	1.029385479	0.104071	0	No
<i>DDIT3</i>	1.06	1.78	3.67	4.85	1.349514563	1.251867032	0.422269	0.117463	No
<i>PCCA</i>	55.31	49.99	78.14	78.64	0.905522998	1.006364064	-0.0300204	-0.0721904	No
<i>DCTN2</i>	1.39	4.59	6.82	9.68	2.338912134	1.365712209	1.46182	0.269085	No
<i>NPPA</i>	9.05	10.77	6.54	7.48	1.171144279	1.124162932	0.128133	0	No
<i>ZNF408</i>	0.36	0.79	<0.1	NA	1.316176471	NA	0.148235	NA	No
<i>CTDSP2</i>	0.74	1.65	2.48	4.26	1.522988506	1.512040628	0.897592	0.374223	No
<i>CKAP5</i>	7.79	9.25	9.78	10.30	1.166097838	1.048023926	0.156084	0	No
<i>ARHGAP1</i>	10.91	8	38.35	33.26	0.755667506	0.870631962	-0.228393	-0.280228	No
<i>MED16</i>	0.63	0.97	1.94	3.22	1.208588957	1.434962947	0.160042	0.313095	No
<i>ATG13</i>	2.93	3.02	10.95	10.52	1.022900763	0.963618285	0	-0.100072	No
<i>GOLGA8A</i>	7.97	7.46	0.81	0.98	0.943143813	1.095708386	0	0	No
<i>TP53/11</i>	0.36	0.5	0.61	0.70	1.102941176	1.055988645	0.0170032	0	No
<i>CENPS</i>	1.81	2.4	3.81	4.29	1.209964413	1.099707536	0.0514315	0	No
<i>DOLK</i>	14.81	23.01	74.12	59.30	1.518659077	0.802703509	0.488828	-0.37582	No

CATSPER1	3.38	2.58	35.75	31.18	0.817351598	0.875733119	-0.197374	-0.279477	No
CCNE2	28.5	15.96	19.47	20.34	0.574915254	1.042515048	-0.696735	0	No
PHYKPL	64.5	62.28	209.63	241.23	0.96610687	1.150010355	0	0	No
CST6	18.08	21.01	10.80	11.78	1.153563941	1.083263864	0.0983316	0	No
GRAMD2A	0.25	0.55	<0.1	NA	1.24	NA	0.489379	NA	No
ZNF519	0.14	0.22	<0.1	NA	1.070175439	NA	0	NA	No
LSM1	1.14	4.62	2.30	2.41	2.626168224	1.03225356	1.76145	0	No
BANF1	4.53	3.53	1.57	1.99	0.819168174	1.164729342	-0.0850923	0	No
CHRNA7	96.31	72.89	132.23	134.15	0.759325866	1.014417081	-0.337078	-0.0625951	No
TMEM9B	2.44	11.99	<0.1	NA	3.776162791	NA	1.8901	NA	No
NRIP3	5.79	6.15	4.26	4.58	1.053019146	1.060908039	0	0	No
PTPN2	6.55	7.15	9.38	10.45	1.079470199	1.102964152	0	0	No
EIF1AD	17.19	32.62	22.14	24.32	1.848268279	1.09429745	0.838987	0	No
SMAD2	196.69	212.97	11.14	15.29	1.082351156	1.341746192	0.0801789	0.215242	No
EIF3F	3.98	12.55	<0.1	NA	2.720883534	NA	1.47979	NA	No
ZNF25	3.04	6.13	<0.1	NA	1.764851485	NA	0.809628	NA	No
ARL10	196.44	127.46	145.15	141.22	0.650628039	0.973110766	-0.577706	-0.106539	No
CLTB	5.82	3.75	8.15	6.97	0.696480938	0.871048558	-0.443489	-0.135545	No
CCDC14	3.01	4.94	6.07	8.55	1.481296758	1.351085085	0.609436	0.274607	No
SART1	1.53	4.03	1.02	0.80	1.988142292	0.892258568	0.884992	0	No
PPP2R2D	13.05	9.05	6.32	5.78	0.715302491	0.926694173	-0.343693	-0.13557	No
POLD4	14.11	21.77	22.53	22.51	1.50694904	0.999010397	0.503767	0	No
CLCF1	2.07	1.59	6.22	7.57	0.843648208	1.187348069	-0.0547395	0.0120197	No
LIPT2	0.51	0.96	0.35	0.61	1.298013245	1.191736223	0.0451824	0	No
ALG10B	1.18	1.93	3.50	3.83	1.344036697	1.074276231	0.364377	0	No
DRAP1	2.65	3.86	2.89	3.36	1.331506849	1.120066348	0.392194	0	No
LONRF3	1.99	2.79	25.23	18.45	1.267558528	0.741638915	0.145764	-0.417318	No
UCP2	6.06	5.45	9.22	8.71	0.913597734	0.950054692	0	-0.0847122	No
C11orf68	8.55	16.21	0.20	0.23	1.802094241	1.021989058	0.832107	0	No
PAAF1	6.87	5.3	13.57	13.41	0.800508259	0.988767468	-0.164804	-0.019735	No
MRPL48	5.36	5.26	9.81	10.82	0.98427673	1.093179046	0	0	No
RAB6A	39.23	31.15	<0.1	NA	0.79915486	NA	-0.139146	NA	No
P2RY2	0.39	2.65	<0.1	NA	2.625899281	NA	1.91935	NA	No
FOSL1	8.31	12.04	<0.1	NA	1.400644468	NA	0.374714	NA	No
ERCC4	0.9	1.59	<0.1	NA	1.363157895	NA	0.36465	NA	No
SUGCT	2.1	2.51	4.64	5.11	1.132258065	1.083869418	0	0	No
CCDC85B	5.45	6.87	36.51	41.39	1.220155039	1.130005094	0.160989	0	No
TMEM70	4.81	5.9	10.05	10.49	1.187607573	1.039930862	0.0906233	0	No

LINC00476	2.04	3.99	4.43	5.81	1.641447368	1.253452409	0.713042	0	No
RPS6KB2	0.45	0.89	1.76	1.85	1.303448276	1.032396307	0	0	No
RMI2	18.12	21.07	30.78	37.28	1.154288703	1.204419151	0.0475902	0.0222925	No
TOM1L2	0.64	1.4	65.36	48.49	1.463414634	0.745833505	0.43897	-0.511466	No
ZNF77	2.23	4.6	4.86	3.88	1.73374613	0.833149695	0.617253	-0.135852	No
GPR156	1.59	3.59	3.10	3.14	1.772200772	1.009210895	0.878936	0	No
MTLN	11.33	23.79	5.07	5.05	2.01054339	0.996765041	0.956155	0	No
KDF1	1.04	0.38	<0.1	NA	0.676470588	NA	-0.44312	NA	No
B3GNTL1	106.63	79.39	76.60	85.36	0.746910713	1.112834883	-0.317479	0	No
MLXIP	8.09	5.02	<0.1	NA	0.662266227	NA	-0.157002	NA	No
BAK1P1	0.25	1.39	4.00	4.19	1.912	1.038268362	1.83277	0	No
RWDD4P2	20.76	18.66	<0.1	NA	0.903492647	NA	-0.0087874	NA	No
NR2F1	0.49	0.42	0.75	0.84	0.953020134	1.053828895	0	0	No
AURKAIP1	3.21	3.66	9.08	9.39	1.106888361	1.030346027	0	0	No
TTLL11	23.94	21.41	30.96	26.74	0.898556536	0.868066299	0	-0.204167	No
TOMM5	0.74	0.73	1.01	1.25	0.994252874	1.12106095	0	0	No
LINC01106	13.53	7.29	6.34	5.45	0.570543703	0.878104959	-0.585775	-0.0950785	No
SLC35E3	0.67	0.96	0.11	0.14	1.173652695	1.031021853	0.0530544	0	No
ZNF169	0.63	1.2	0.66	0.44	1.349693252	0.866902366	0.342601	-0.316288	No
RUVBL1	5.58	5.23	5.37	6.58	0.946808511	1.189494386	0	0	No
SFN	6.72	6.1	13.78	11.32	0.919689119	0.833607816	0	-0.166053	No
MSRA	5.48	6.81	14.99	17.60	1.205246914	1.162983685	0	0	No
CTDNEP1	16.82	11.2	21.36	18.64	0.684624018	0.878144068	-0.426739	-0.16436	No
ETV4	0.98	2.12	4.70	5.51	1.575757576	1.142149131	0.897531	0.0233267	No
SWI5	1.19	1.44	2.16	1.56	1.114155251	0.811386985	0	-0.245986	No
BAIAP2	0.17	0.03	0.13	0.30	0.88034188	1.148638998	0	0	No
CREG2	2.79	3.13	12.85	13.50	1.089709763	1.047232905	0	0	No
TMEM270	28.11	28.04	78.71	89.14	0.997595328	1.130826882	0	0	No
RPL7AP66	14.11	10.25	2.01	3.08	0.74454004	1.354529786	-0.351848	0.290594	No
ZDHHC21	12.03	19.92	19.87	19.96	1.60552571	1.004178813	0.598322	-0.0725101	No
TSPEAR	22.63	26.17	28.91	30.59	1.149809564	1.056180776	0.114457	0	No
PLEKHF2	13.46	18.87	18.59	17.75	1.374135546	0.957065569	0.245077	-0.0539054	No
ARL4D	8.28	10.03	30.16	27.44	1.188577586	0.912643902	0.12949	-0.206332	No
DOK7	3.17	5.64	0.39	0.38	1.592326139	0.99505035	0.555256	0	No
LRRN1	2.44	2.92	2.89	2.92	1.139534884	1.007288998	0.0615315	0	No
UBE2O	87.52	80.7	1.04	2.58	0.922955264	1.752940347	-0.0505374	0.756892	No
ORAI3	6.84	8.55	9.15	7.69	1.218112245	0.855684141	0.0508313	-0.156463	No
UNC119B	2.3	2.07	16.58	15.10	0.93030303	0.915749056	0	-0.100532	No

<i>DENND2C</i>	3.27	3.02	7.14	7.44	0.941451991	1.037248642	0	0	No
<i>PLEKHD1</i>	2.74	2.55	4.04	4.34	0.949197861	1.059444279	0	0	No
<i>TUBB6</i>	8.04	11.64	16.79	21.47	1.398230088	1.263301051	0.359848	0.0587585	No
<i>LYSMD3</i>	0.68	0.83	0.80	0.93	1.089285714	1.070654125	0	0	No
<i>B3GALT6</i>	1.73	1.79	1.42	1.83	1.021978022	1.167485357	0	0	No
<i>ZNF613</i>	1.81	0.94	2.41	2.60	0.690391459	1.054983078	-0.555391	0	No
<i>NUPR1</i>	32.72	29.08	40.45	45.87	0.892052195	1.130676547	-0.116946	0.0102789	No
<i>RPL23P2</i>	3.38	5.74	8.32	10.67	1.538812785	1.25174382	0.520473	0.0625407	No
<i>MBLAC2</i>	253.02	168.59	1174.06	1094.40	0.667624596	0.932211742	-0.553159	-0.1979	No
<i>TPRN</i>	8.38	13.59	26.92	24.63	1.5554371	0.918064989	0.481465	0	No
<i>KCNE5</i>	2.21	1.8	2.56	2.30	0.872274143	0.92693836	0	0	No
<i>SLC35A4</i>	0.51	0.44	4.15	3.81	0.953642384	0.933023858	0	-0.0497661	No
<i>CRYBG2</i>	0.54	0.85	8.72	9.05	1.201298701	1.033900374	0.244782	0	No
<i>IP6K1</i>	0.14	0.07	0.75	0.81	0.938596491	1.036118058	0	0	No
<i>SSNA1</i>	0.14	0.17	<0.1	NA	1.026315789	NA	0	NA	No
<i>CSTF3</i>	0.14	0.53	<0.1	NA	1.342105263	NA	0.960796	NA	No
<i>YES1</i>	3.89	5.62	5.60	6.18	1.353783231	1.087154611	0.270776	0	No
<i>CHMP6</i>	0.43	0.66	<0.1	NA	1.160839161	NA	0	NA	No
<i>DLEU1</i>	2.17	2.24	0.85	0.65	1.022082019	0.891587574	0	0	No
<i>UFSP1</i>	60.26	32.03	45.08	41.99	0.539177277	0.932945013	-0.805418	-0.129324	No
<i>TMEM39A</i>	5.25	9.08	<0.1	NA	1.6128	NA	0.373896	NA	No
<i>TCP11L1</i>	22.99	34.96	29.83	31.70	1.498957899	1.060524787	0.477841	0	No
<i>GPX2</i>	6.51	9.3	11.90	10.14	1.37150466	0.863750788	0.343546	-0.222298	No
<i>CCDC57</i>	1.7	1.1	3.29	3.29	0.777777778	0.998994762	-0.154886	0	No
<i>SPHK1</i>	1.45	1.88	4.71	6.12	1.175510204	1.247318418	0.0510367	0.0698743	No
<i>BNIP3</i>	1.25	1.34	0.52	0.39	1.04	0.91748222	0	0	No
<i>MYPOP</i>	0.36	1.71	<0.1	NA	1.992647059	NA	1.61177	NA	No
<i>ATAD5</i>	3.26	4.24	4.58	4.69	1.230046948	1.018950533	0.135625	0	No
<i>SMIM19</i>	17.02	21.58	6.83	7.38	1.253052164	1.070464988	0.18971	0	No
<i>ZNF404</i>	1.69	1.63	1.05	1.41	0.977695167	1.173227689	0	0	No
<i>RTTN</i>	13.27	7.42	9.98	9.44	0.590049054	0.950782501	-0.587197	-0.0402106	No
<i>ACBD7</i>	7.79	9.59	19.74	24.73	1.204778157	1.240459374	0.130688	0.138287	No
<i>ANAPC2</i>	3.11	3.34	2.71	3.74	1.055961071	1.276571847	0	0.101573	No
<i>ZBTB8OS</i>	1.38	2.49	<0.1	NA	1.466386555	NA	0.538052	NA	No
<i>CYCSP34</i>	4.56	4.73	16.43	18.16	1.03057554	1.099017499	0	0	No
<i>SLC35G1</i>	0.69	0.25	0.44	0.85	0.73964497	1.287069872	-0.252093	0.118158	No
<i>ZNF135</i>	33.22	31.67	28.37	31.41	0.954704851	1.103485442	0	0	No
<i>COX8A</i>	71.69	56.23	204.36	199.74	0.787315999	0.977509649	-0.298828	-0.123333	No

<i>RPL37AP8</i>	2.96	3.8	<0.1	NA	1.212121212	NA	0.161807	NA	No
<i>TAC4</i>	23.55	20.34	28.12	30.46	0.869246436	1.080276836	-0.116519	0	No
<i>ZSCAN2</i>	1.39	0.62	8.28	10.69	0.677824268	1.25954051	0	0	No
<i>B3GNT4</i>	4.61	3.09	20.93	22.94	0.729055258	1.091659563	-0.333363	0	No
<i>CDC26</i>	0.13	0.26	<0.1	NA	1.115044248	NA	0	NA	No
<i>HSD11B2</i>	0.83	1.46	2.73	2.96	1.344262295	1.061157354	0.413981	0	No
<i>CRLF3</i>	0.63	0.8	2.57	2.66	1.104294479	1.025722441	0	0	No
<i>RNPEP</i>	1.35	1.34	0.20	0.27	0.995744681	1.056997418	0	0	No
<i>EID2</i>	0.15	0.62	<0.1	NA	1.408695652	NA	0.379768	NA	No
<i>DMRTA1</i>	4.17	3.62	5.18	6.22	0.893617021	1.167623911	0	0	No
<i>EID2B</i>	3.51	4.87	11.55	10.95	1.301552106	0.951934264	0.289757	-0.0956371	No
<i>KCMF1</i>	2.99	4.04	10.27	12.52	1.263157895	1.199732844	0.0849496	0	No
<i>DNAJC30</i>	103.75	64.78	52.69	48.39	0.62797136	0.919886335	-0.599237	-0.150326	No
<i>SPRYD4</i>	0.18	0.46	1.82	3.13	1.237288136	1.46443393	0	0.301169	No
<i>VPS37D</i>	17.33	17.46	49.32	44.72	1.007092199	0.908591275	0	-0.177642	No
<i>SYNE3</i>	3.83	3.11	19.87	20.92	0.850931677	1.050397128	-0.0407412	0	No
<i>CLK2</i>	282.68	197.96	203.66	184.57	0.701353638	0.90670663	-0.462496	-0.273381	No
<i>LPCAT4</i>	6.18	5.55	14.95	14.01	0.912256267	0.940844198	0	-0.105422	No
<i>SLCO3A1</i>	31.44	25.32	<0.1	NA	0.81134402	NA	-0.141908	NA	No
<i>ZNF575</i>	0.96	1.3	1.69	1.80	1.173469388	1.040413358	0	0	No
<i>WDR25</i>	48.23	33.51	26.82	26.68	0.700995328	0.994970927	-0.439467	-0.0770591	No
<i>SGF29</i>	17.74	25.38	68.28	72.13	1.407684098	1.055538031	0.359495	0	No
<i>PLAAT3</i>	4.93	4.52	14.06	14.80	0.930860034	1.048847102	0	0	No
<i>DIRAS1</i>	1.89	5.89	<0.1	NA	2.384083045	NA	1.39461	NA	No
<i>PHLDB3</i>	0.48	1.55	<0.1	NA	1.722972973	NA	0.798091	NA	No
<i>PRR15</i>	3.64	6.16	0.21	0.22	1.543103448	1.004724991	0.512095	0	No
<i>GNG7</i>	4.72	6.39	8.81	9.43	1.291958042	1.062933641	0.292327	0	No
<i>USF3</i>	4.2	4.28	<0.1	NA	1.015384615	NA	0	NA	No
<i>CNTD1</i>	4.52	3.89	3.18	2.65	0.885869565	0.873611325	0	-0.154202	No
<i>AC008969.1</i>	25.89	22.89	12.39	12.08	0.888434362	0.976863121	-0.0821652	-0.059804	No
<i>KBTBD11</i>	30.36	30.27	12.58	12.33	0.997130102	0.981231376	0	-0.041022	No
<i>B3GNT5</i>	0.29	0.43	2.97	3.51	1.108527132	1.134900124	0.00958926	0	No
<i>LMNB2</i>	0.51	0.85	3.33	3.86	1.225165563	1.122551252	0.475141	0	No
<i>RMDN1</i>	36.4	18.27	<0.1	NA	0.515240642	NA	-0.911623	NA	No
<i>MEX3C</i>	95.11	80.93	67.11	68.38	0.852460722	1.018683012	-0.129581	-0.0207384	No
<i>MYO1D</i>	1.42	1.79	1.00	1.20	1.152892562	1.101117554	0.0826417	0	No
<i>FOXL1</i>	1.78	2.97	4.90	5.53	1.428057554	1.107272041	0.501929	0	No
<i>LRRC37A</i>	2.36	1.86	1.79	2.03	0.851190476	1.084770398	0	0	No

<i>FOXC2</i>	0.91	1.54	1.21	1.23	1.329842932	1.009383636	0.401307	0	No
<i>BDNF</i>	0.59	1.09	1.31	1.63	1.314465409	1.139475916	0.41049	0	No
<i>CCDC121</i>	0.48	0.52	0.63	0.77	1.027027027	1.086160861	0	0	No
<i>ACSF3</i>	6.57	7.22	31.52	32.29	1.085865258	1.02370387	0	0	No
<i>BOK</i>	13.03	12.95	11.59	11.97	0.994297933	1.030263156	0	-0.0615496	No
<i>ZNF843</i>	0.77	0.72	<0.1	NA	0.971751412	NA	0	NA	No
<i>RBIS</i>	40.73	36.72	35.54	43.88	0.903906063	1.228276993	-0.0079139	0.025104	No
<i>PFN4</i>	5.82	7.23	35.11	34.37	1.206744868	0.979395397	0.132867	-0.0725599	No
<i>CDK5R1</i>	0.22	0.29	<0.1	NA	1.057377049	NA	0	NA	No
<i>C15orf56</i>	1.7	1.96	1.85	1.65	1.096296296	0.931011655	0	-0.0054106	No
<i>RUFY1</i>	0.54	0.87	<0.1	NA	1.214285714	NA	0.143903	NA	No
<i>BASP1</i>	0.26	0.24	<0.1	NA	0.984126984	NA	0	NA	No
<i>LRRC37A3</i>	5.82	5.43	4.90	4.71	0.942815249	0.968005451	0	0	No
<i>VSIG10</i>	0.46	1.52	0.72	0.72	1.726027397	0.998078119	1.19427	-0.0425861	No
<i>IRX5</i>	6.41	7.51	51.04	52.65	1.148448043	1.03095983	0	0	No
<i>METRNL</i>	40.21	26.6	23.30	25.79	0.669740354	1.102395916	-0.426798	0	No
<i>FAM91A1</i>	1.88	1.74	4.63	4.56	0.951388889	0.988382591	0	-0.112041	No
<i>WSB2</i>	28.57	21.21	32.46	31.05	0.751099087	0.957856504	-0.320789	-0.0887659	No
<i>GRIN1</i>	9.27	10.02	8.15	6.93	1.073028238	0.866526256	0	-0.195778	No
<i>TYMS</i>	27.8	24.93	34.05	31.28	0.900347222	0.921006618	-0.0655539	-0.196985	No
<i>PXMP2</i>	28.37	31.23	27.23	27.25	1.097378277	1.000851122	0.0698695	-0.0523965	No
<i>TCEANC</i>	14.74	14.18	34.00	31.48	0.964421855	0.928061184	0	-0.173632	No
<i>PNMA1</i>	13.4	9.16	40.70	32.84	0.705555556	0.811481274	-0.387224	-0.36636	No
<i>TCIM</i>	15.59	17.89	14.22	13.36	1.138637734	0.943695196	0.0964001	-0.132347	No
<i>MAMSTR</i>	0.43	1.34	11.17	13.59	1.636363636	1.199080431	1.13414	0.01213	No
<i>TYMSOS</i>	10.5	11.58	13.27	14.50	1.093913043	1.086057907	0.019088	0	No
<i>ANKLE2</i>	0.67	1.28	<0.1	NA	1.365269461	NA	0.0597277	NA	No
<i>C8G</i>	8.2	9.32	8.84	11.66	1.12173913	1.286513271	0	0.122474	No
<i>FUT2</i>	2.14	6.73	3.49	3.79	2.461783439	1.066528009	1.28264	0	No
<i>GCNT4</i>	4.75	7.17	8.34	11.63	1.420869565	1.352176198	0.373403	0.135217	No
<i>TOB2P1</i>	4.51	6.71	23.41	21.57	1.399274047	0.924481246	0.41142	-0.157605	No
<i>MUC20</i>	340.26	538.59	0.34	0.42	1.581169783	1.058042913	0.592733	0	No
<i>THAP4</i>	6.01	7.46	<0.1	NA	1.206847361	NA	0.121307	NA	No
<i>NFATC2IP</i>	0.21	0.31	0.75	1.37	1.082644628	1.352801333	0	0.363221	No
<i>FAM89B</i>	12.09	13.19	43.30	43.57	1.084033613	1.006001834	0	-0.0443497	No
<i>SHMT1</i>	169.21	142.28	130.44	118.69	0.841783679	0.910591869	-0.177943	-0.231059	No
<i>DPP7</i>	0.26	0.08	0.18	0.22	0.857142857	1.035877969	-0.967038	0	No
<i>SEC24C</i>	7.46	5.78	15.62	18.52	0.80141844	1.174533847	-0.110938	0	No

<i>SMCR8</i>	0.56	2.45	4.18	4.81	2.211538462	1.121490757	1.57518	0	No
<i>HCG4</i>	4.88	4.61	5.31	6.92	0.954081633	1.255572691	0	0.107651	No
<i>MTHFR</i>	22.56	22.02	9.54	9.38	0.977079796	0.984517318	0	0	No
<i>DEAF1</i>	0.55	0.6	6.43	6.82	1.032258065	1.052419947	0	0	No
<i>MTX3</i>	21.77	11.34	83.91	79.20	0.541941151	0.944581649	-0.848555	-0.141453	No
<i>TMEM80</i>	1.36	0.63	2.59	2.57	0.690677966	0.995607123	-0.543637	0	No
<i>SIX5</i>	0.72	0.98	<0.1	NA	1.151162791	NA	0.0906368	NA	No
<i>FBXO46</i>	151.15	156.48	88.92	83.23	1.035031219	0.936771002	0	-0.15852	No
<i>ZDHHHC13</i>	2.43	3.18	11.26	15.68	1.218658892	1.360225198	0.196602	0.208631	No
<i>SLC38A9</i>	52.12	43.57	32.86	30.18	0.839043675	0.920955709	-0.184097	-0.198611	No
<i>ACER2</i>	8.45	10.4	5.07	5.57	1.206349206	1.08286212	0.167267	0	No
<i>WDR73</i>	37.93	23.74	41.86	44.90	0.635499615	1.070940148	-0.559809	0	No
<i>POLE</i>	0.9	1.19	3.00	3.76	1.152631579	1.190847993	0	0	No
<i>PHETA2</i>	0.39	0.39	0.71	0.86	1	1.086956579	0	0	No
<i>SCN4B</i>	255.87	219.11	141.95	154.68	0.856892592	1.089060408	-0.169343	0	No
<i>DSCAML1</i>	1.98	2.71	3.22	2.82	1.244966443	0.90420044	0.0893233	-0.150272	No
<i>RHOG</i>	2.16	12.02	117.24	100.84	4.120253165	0.861325814	2.15855	-0.25653	No
<i>EPS8L2</i>	87.53	97.58	16.40	13.36	1.11352084	0.825184353	0.0693808	-0.26672	No
<i>ANO6</i>	2.17	1.85	9.24	10.33	0.899053628	1.106343398	0	0	No
<i>ZBTB34</i>	5.19	4.59	13.43	15.78	0.903069467	1.163189725	0	0	No
<i>NUDT4B</i>	32.25	28.86	24.30	24.26	0.898045113	0.998541126	-0.0706897	-0.0376081	No
<i>FAM210A</i>	6.42	4.06	28.39	23.39	0.681940701	0.829755078	-0.49747	-0.370684	No
<i>TALDO1</i>	118.22	71.11	7.42	5.75	0.60484818	0.801360503	-0.648637	-0.241975	No
<i>ULK1</i>	0.92	1.34	1.08	1.38	1.21875	1.142938707	0.176542	0	No
<i>NAP1L4P1</i>	0.77	0.38	0.18	0.27	0.779661017	1.072057292	-0.135029	0	No
<i>RIMKLA</i>	326.48	182.6	138.32	112.10	0.560644925	0.811773978	-0.765308	-0.384839	No
<i>RPS6KA3</i>	7.14	10.78	27.17	28.29	1.447174447	1.039864195	0.37888	0	No
<i>PUS1</i>	0.47	0.59	0.32	0.39	1.081632653	1.051001967	0	0	No
<i>CHD9</i>	22.55	18.6	50.51	48.01	0.832271762	0.95147397	-0.17684	-0.147487	No
<i>GATD1</i>	4.09	8.62	18.81	18.87	1.889980354	1.002886879	0.83272	0	No
<i>MAN1B1</i>	10.47	10.3	2.74	2.85	0.985178727	1.028717649	0	0	No
<i>FZD8</i>	1.91	2.48	1.84	2.39	1.195876289	1.195282517	0	0	No
<i>TOP3A</i>	0.76	1.4	<0.1	NA	1.363636364	NA	0.438185	NA	No
<i>CASKIN2</i>	3.7	3.36	<0.1	NA	0.927659574	NA	0	NA	No
<i>ZBTB38</i>	18.04	19.63	<0.1	NA	1.083508403	NA	0	NA	No
<i>C8orf31</i>	0.85	0.43	22.86	22.00	0.772972973	0.964059731	-0.437656	0	No
<i>DLGAP1-AS1</i>	3.79	7.55	9.93	10.87	1.784968685	1.086071196	0.862285	0	No
<i>CCDC71</i>	1.51	1.51	<0.1	NA	1	NA	0	NA	No

<i>TIMM22</i>	6.74	8.16	<0.1	NA	1.183462532	NA	0	NA	No
<i>HIC1</i>	84.5	80.91	140.15	136.82	0.958011696	0.976442915	0	-0.0727274	No
<i>PPFIA3</i>	1.12	1.34	2.80	2.88	1.103773585	1.020587893	0	0	No
<i>MAGEF1</i>	18.26	13.59	129.63	146.86	0.757528557	1.131933967	-0.279868	0	No
<i>NINJ2-AS1</i>	0.49	0.51	<0.1	NA	1.013422819	NA	0	NA	No
<i>SAMD9L</i>	0.17	0.3	5.83	6.07	1.111111111	1.035238529	0.278965	0	No
<i>ZFAS1</i>	0.73	0.48	1.76	1.74	0.855491329	0.993940468	-0.0140221	0	No
<i>AC006001.1</i>	17.33	17.47	57.05	54.11	1.007637752	0.949333386	0	-0.120187	No
<i>PAWR</i>	605.79	580.97	<0.1	NA	0.959096228	NA	-0.020963	NA	No
<i>TGIF1</i>	0.79	0.41	14.89	13.94	0.787709497	0.940211238	-0.207571	-0.121612	No
<i>MIEF2</i>	50.58	32.96	101.54	96.54	0.658394727	0.951230091	-0.511021	-0.132843	No
<i>ERICH5</i>	16.32	21.18	4.08	4.59	1.280600462	1.099598253	0.239721	0	No
<i>NR2C2</i>	23.42	26.92	5.97	6.43	1.143325143	1.066281908	0.0622419	0	No
<i>ACOT4</i>	12.57	13.72	8.33	9.76	1.084745763	1.153388223	0.0322513	0	No
<i>CAVIN1</i>	1.47	1.74	<0.1	NA	1.109311741	NA	0	NA	No
<i>ARIH2</i>	0.66	1.43	<0.1	NA	1.463855422	NA	0	NA	No
<i>ZBTB33</i>	0.87	0.4	<0.1	NA	0.748663102	NA	0	NA	No
<i>IRX3</i>	0.49	0.74	1.04	1.70	1.167785235	1.322471183	0.141755	0.363717	No
<i>SLC25A22</i>	0.18	0.02	0.14	0.20	0.86440678	1.054452761	-0.490541	0	No
<i>RABEP2</i>	8.48	10.84	6.36	6.73	1.248945148	1.049932068	0.153926	0	No
<i>ATOX1</i>	11.65	16.72	6.62	7.61	1.400790514	1.129752857	0.285159	0	No
<i>TBL1XR1</i>	0.9	1.42	<0.1	NA	1.273684211	NA	0.13463	NA	No
<i>SAMD12</i>	0.21	0.31	<0.1	NA	1.082644628	NA	0	NA	No
<i>C18orf32</i>	9.29	10.67	11.05	10.15	1.134110787	0.925191105	0.0635861	-0.12641	No
<i>PIDD1</i>	4.88	5.14	14.00	10.95	1.044217687	0.796921885	0	-0.338821	No
<i>ZNF491</i>	12.66	14.65	11.98	13.87	1.14568082	1.145239163	0.079603	0.0175749	No
<i>RPLP2</i>	0.35	0.84	0.14	0.21	1.362962963	1.065072542	0.688368	0	No
<i>HASPIN</i>	0.11	0.16	<0.1	NA	1.045045045	NA	0	NA	No
<i>JUN</i>	50.07	68.79	198.00	179.17	1.366555708	0.905353616	0.385745	-0.244577	No
<i>CSTF2T</i>	1.97	3.14	4.78	5.32	1.393939394	1.094278226	0.341076	0	No
<i>GBA</i>	10.5	10.72	39.66	29.40	1.019130435	0.747603552	0	-0.487023	No
<i>ACAD9</i>	0.85	2.48	0.33	0.72	1.881081081	1.291669178	1.05857	0.122643	No
<i>IL17RA</i>	8.2	6.83	12.34	12.50	0.851086957	1.011854861	-0.0938751	0	No
<i>PNPLA2</i>	0.38	2.66	<0.1	NA	2.652173913	NA	0.679145	NA	No
<i>MBOAT4</i>	0.16	0.25	2.86	2.19	1.077586207	0.825801122	0	-0.235801	No
<i>AGTRAP</i>	9.66	10.59	32.06	27.81	1.087242026	0.871502779	0	-0.28592	No
<i>CD163L1</i>	0.11	0.15	0.18	0.38	1.036036036	1.171249088	0	0	No
<i>SRRM3</i>	38.7	33.97	49.48	50.76	0.880856423	1.025432949	-0.0925194	-0.0796864	No

THAP5	8.3	15.37	<0.1	NA	1.760215054	NA	0.762016	NA	No
CRACR2B	15.64	19.79	11.62	13.03	1.249399038	1.112017997	0.224632	0	No
SUMO4	115.46	104.2	143.41	127.40	0.903314443	0.889152517	-0.0512527	-0.238665	No
CD151	3.66	6.58	29.70	31.67	1.626609442	1.064181634	0.608272	0	No
AC011944.1	14.22	18.42	3.96	4.76	1.275952694	1.160737828	0.251493	0	No
POLR2L	8.91	9.5	20.17	15.90	1.059535822	0.798377715	0	-0.389627	No
FAM20C	0.16	0.28	3.34	2.79	1.103448276	0.872756716	0.318562	-0.0282411	No
ANXA2R	0.59	1.02	1.24	0.46	1.270440252	0.651699521	0	-0.660977	No
TMEM94	32.66	20.14	7.51	6.96	0.628045157	0.934949475	-0.606545	-0.0964976	No
FLII	1.91	2.18	2.54	2.91	1.092783505	1.104024725	0	0	No
SOX12	1.07	5.59	0.16	0.28	3.183574879	1.09936917	1.72956	0	No
HNRNPA0	2.65	1.82	11.68	13.50	0.77260274	1.143383484	-0.327471	0	No
AC025171.1	9.54	26.92	7.79	12.91	2.648956357	1.58222048	1.35772	0.329553	No
FAM87B	5.18	7.05	50.21	28.82	1.302588997	0.582378007	0.250172	-0.81834	No
DKN2AIPNLF	7.05	9.27	22.99	22.17	1.275776398	0.965662837	0.113393	-0.0557088	No
AL162595.1	1.4	1.61	4.19	5.28	1.0875	1.210974066	0	0	No
MYOZ1	4.04	5.21	24.88	24.66	1.232142857	0.991625314	0.110075	0	No
CHID1	0.56	1.57	0.11	0.06	1.647435897	0.950675724	0.733171	0	No
PCDHB9	0.24	0.35	3.08	3.63	1.088709677	1.134691349	0.081873	0	No
ZNF620	2.64	3.39	<0.1	NA	1.206043956	NA	0.023338	NA	No
ZNF518A	19	15.45	48.42	50.87	0.8225	1.049503308	-0.18499	-0.0180306	No
TMEM187	4.98	7.86	15.89	15.45	1.481605351	0.973833465	0.422816	-0.0328002	No
CACYBPP2	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
SVBP	0.63	0.8	1.50	1.27	1.104294479	0.908217727	0	0	No
ZNF619	0.75	1.17	<0.1	NA	1.24	NA	0.195227	NA	No
AP3S1	969.63	813.41	414.10	394.34	0.839052986	0.952387335	-0.200985	-0.182218	No
GRB2	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
ZBTB41	0.11	0.05	0.53	0.60	0.945945946	1.047767997	0	0	No
UBE2N	0.39	0.65	2.26	1.70	1.18705036	0.827464629	0.00733839	-0.256482	No
ARL6IP6	0.21	0.83	0.10	0.10	1.512396694	1.001363575	1.11125	0	No
ZNF354C	19.44	16.56	7.10	7.50	0.859099804	1.048788644	0	0	No
MAMDC4	0.64	3.48	0.11	0.19	2.731707317	1.071410086	1.80722	0	No
CENPBD1	52.08	48.28	91.50	85.74	0.928409947	0.937770094	-0.0259223	-0.17286	No
BET1L	10.1	19.01	14.98	14.79	1.802702703	0.988383113	0.662155	0	No
RPS27	0.14	0.11	0.16	0.31	0.973684211	1.128851298	0	0	No
RIC8A	1.66	0.89	3.97	2.59	0.710526316	0.722718392	-0.166676	-0.433022	No
IMP3	12.11	11.88	7.99	8.26	0.98245614	1.029997991	0	-0.0016594	No
ASB8	2.61	3.03	6.92	6.99	1.11634349	1.008610392	0	0	No

<i>ODF3B</i>	1.26	1.59	3.42	3.34	1.146017699	0.980983801	0.0499791	0	No
<i>LRRC75B</i>	1.32	1.02	1.12	1.52	0.870689655	1.189529888	0	0	No
<i>DMAP1</i>	0.69	1.06	13.64	13.64	1.218934911	1.000131258	0.340326	-0.0080353	No
<i>IMPDH2</i>	8.04	10.12	56.48	59.15	1.230088496	1.046487783	0.140289	0	No
<i>ALS2CL</i>	12.05	10.77	20.32	19.76	0.901915709	0.973830127	-0.0127864	-0.0016842	No
<i>MLF1</i>	9.03	9.28	3.99	4.60	1.024925224	1.123084734	0	0	No
<i>NDUFAF3</i>	0.4	0.53	2.49	2.35	1.092857143	0.959732774	0	0	No
<i>C2orf69</i>	3.51	2.57	1.79	2.26	0.791574279	1.166728042	-0.140617	0	No
<i>GRAMD1C</i>	5.89	9.33	<0.1	NA	1.499274311	NA	0.383775	NA	No
<i>STAP2</i>	4.56	15.15	<0.1	NA	2.904676259	NA	1.49728	NA	No
<i>TWF1P1</i>	0.37	1.29	17.17	23.14	1.671532847	1.328370315	1.02463	0.21854	No
<i>TSSK6</i>	2.96	5.7	10.18	10.47	1.691919192	1.025703563	0.686134	0	No
<i>BOLA1</i>	8.88	9.15	0.25	0.24	1.027327935	0.994079809	0	0	No
<i>PDE4DIP</i>	1.93	0.94	2.93	2.61	0.662116041	0.919230395	-0.582461	-0.0956065	No
<i>DDX10</i>	0.67	1.65	<0.1	NA	1.586826347	NA	1.00151	NA	No
<i>NDUFV2</i>	0.18	0.35	0.19	0.37	1.144067797	1.153506153	0	0	No
<i>AL672207.1</i>	0.39	1.01	<0.1	NA	1.446043165	NA	0.896682	NA	No
<i>DALRD3</i>	0.46	0.66	18.38	12.98	1.136986301	0.721598403	0	-0.569624	No
<i>ZNF114</i>	4.35	5.73	2.83	3.39	1.257943925	1.147258199	0.225104	0	No
<i>ZNF518B</i>	96.29	84.96	107.02	99.20	0.883544044	0.927565771	-0.130802	-0.201116	No
<i>LCORL</i>	4.16	5.8	12.87	14.55	1.317829457	1.120991139	0.268214	0	No
<i>PARD6G</i>	1.6	1.79	7.66	6.99	1.073076923	0.922665012	0	-0.113287	No
<i>ZNF454</i>	8.51	8.06	<0.1	NA	0.952681388	NA	0	NA	No
<i>SH2B1</i>	3.93	3.47	<0.1	NA	0.906693712	NA	0	NA	No
<i>POGLUT3</i>	0.12	0.11	0.32	0.41	0.991071429	1.070320151	0	0	No
<i>PLEC</i>	1.82	2.73	<0.1	NA	1.322695035	NA	0.144382	NA	No
<i>PRSS36</i>	0.36	0.53	1.34	1.58	1.125	1.104448002	0	0	No
<i>ZNF543</i>	2.27	2.46	13.81	12.07	1.058103976	0.882232437	0	-0.233432	No
<i>GALNT11</i>	8.74	10.16	0.14	0.46	1.145790554	1.281903776	0	0.865209	No
<i>WDR6</i>	0.26	0.34	0.33	0.18	1.063492063	0.884923598	0	0	No
<i>GEN1</i>	6.46	5.44	<0.1	NA	0.863270777	NA	0	NA	No
<i>TMPRSS9</i>	0.2	0.37	0.33	0.43	1.141666667	1.075691621	0	0	No
<i>AQP11</i>	1.08	2.06	2.88	2.96	1.471153846	1.01998106	0.463497	0	No
<i>TMEM11</i>	0.63	1.41	<0.1	NA	1.478527607	NA	0.408792	NA	No
<i>ZNF354B</i>	12.47	13.77	31.34	33.82	1.096510765	1.076728275	0.0190294	0	No
<i>CALML5</i>	54.43	56.51	210.37	207.07	1.037524806	0.984396586	0	-0.13156	No
<i>ZFAND2A</i>	0.19	0.61	0.32	0.43	1.352941176	1.080027791	0.959094	0	No
<i>PLEKHM3</i>	4.27	5.83	2.99	3.74	1.29601518	1.188699831	0.278409	0	No

ZNF223	2.2	2.65	22.16	19.37	1.140625	0.879617866	0	-0.175077	No
FAM220A	29.74	23.95	19.04	15.09	0.811646064	0.802835191	-0.182854	0	No
DNAJC22	13.57	21.34	12.21	14.54	1.533287577	1.176176512	0.553189	0.0673156	No
NEUROG2	23.22	27.34	14.46	17.26	1.170107349	1.181230188	0.133859	0.0497255	No
CEP295NL	0.3	0.51	2.67	2.86	1.161538462	1.050854796	0.208911	0	No
BEND3	60.19	92.48	69.66	69.56	1.527700605	0.998605415	0.537021	-0.0399212	No
NT5DC1	16.33	13.6	37.82	39.19	0.842469706	1.035227455	-0.0247053	0	No
GLDC	0.25	0.54	0.55	0.54	1.232	0.994939951	0.327262	0	No
COX14	35.24	47.34	20.15	18.08	1.33388521	0.902053538	0.319212	-0.189004	No
H3P16	0.32	3.09	<0.1	NA	3.098484848	NA	2.12345	NA	No
TUBAL3	0.89	1.47	0.31	0.36	1.306878307	1.0396862	0.044085	0	No
RPL10P16	3.33	4.36	8.28	6.33	1.237875289	0.789926419	0.0381111	-0.106331	No
P4HTM	5.04	8.54	18.15	22.37	1.579470199	1.220152333	0.65753	0.0677636	No
DTX3	0.3	1.12	0.13	0.07	1.630769231	0.943079326	1.0513	0	No
KLHL11	0.27	0.6	<0.1	NA	1.25984252	NA	0.405925	NA	No
CTXN1	0.27	0.32	0.64	0.52	1.039370079	0.929361334	0	0	No
SLC25A20	37.71	20.55	<0.1	NA	0.556703694	NA	-0.794687	NA	No
EPM2AIP1	9.62	10.84	26.70	23.18	1.114877589	0.872981538	0	-0.295969	No
CTNNBIP1	12.84	18.95	24.78	28.52	1.441473988	1.144911407	0.444528	0.0104753	No
PSAPL1	18	18.06	54.79	47.33	1.003157895	0.86620224	0	-0.215735	No
GTPBP6	13.72	18.74	20.92	22.48	1.341032609	1.071296155	0.347311	0	No
ERN1	59.8	38.93	232.56	218.21	0.656743421	0.938541413	-0.5244	-0.195336	No
ZNF713	15.45	14.61	49.33	54.52	0.94893617	1.103198146	0	0	No
PARP10	8.19	12.2	12.65	13.74	1.436343852	1.079917069	0.453003	0	No
SUZ12	3.16	2.94	<0.1	NA	0.947115385	NA	0	NA	No
NSUN3	1.96	3.01	8.05	7.90	1.35472973	0.983389605	0.408815	-0.0466141	No
KCTD12	6.49	7.21	30.06	22.96	1.096128171	0.771373212	0	0	No
DHFR2	1.86	1.02	2.42	3.11	0.706293706	1.202453004	-0.524536	0.106419	No
AL450998.1	3.53	6.47	18.07	15.30	1.649006623	0.854558445	0.618623	-0.338792	No
RPP25	6.95	7.26	20.16	20.30	1.038993711	1.00671931	0	-0.0484944	No
GRINA	9.35	8.8	20.87	18.48	0.946859903	0.890813238	0	-0.208765	No
COX5A	1.82	2.36	7.73	10.89	1.191489362	1.362204643	0.101673	0.154265	No
STX19	0.57	0.45	4.08	4.64	0.923566879	1.110518999	0	0	No
ERFE	0.69	1.33	0.72	1.09	1.378698225	1.214162908	0.253717	0	No
FAM219B	0.21	0.25	10.10	9.85	1.033057851	0.977039476	0	0	No
ZHX2	6.29	10.61	35.52	41.52	1.592592593	1.16434546	0.65913	0.0245451	No
CPNE7	0.89	4.18	<0.1	NA	2.740740741	NA	1.65681	NA	No
MPI	0.16	0.83	<0.1	NA	1.577586207	NA	1.50166	NA	No

<i>OPLAH</i>	0.54	0.57	<0.1	NA	1.019480519	NA	0	NA	No
<i>TMEM52</i>	23.14	19.41	85.51	85.37	0.845484673	0.998435488	-0.0737723	-0.0641637	No
<i>TMEM139</i>	27.09	23.48	<0.1	NA	0.871484514	NA	-0.115026	NA	No
<i>EFCAB13</i>	7.97	12.99	23.43	22.62	1.559643255	0.966780085	0.583826	-0.107648	No
<i>APOLD1</i>	2.14	3.82	5.35	4.92	1.535031847	0.931595286	0.577359	-0.155233	No
<i>RFLNA</i>	0.4	0.22	<0.1	NA	0.871428571	NA	0	NA	No
<i>EXOSC4</i>	4.28	7.31	4.37	4.13	1.573863636	0.955700039	0.554037	-0.0076276	No
<i>DPY19L3</i>	56.66	56.89	210.22	206.00	1.0039889	0.980008754	0	-0.105445	No
<i>TAF7</i>	9.61	7.65	20.20	17.98	0.815268615	0.895209115	-0.194068	-0.192358	No
<i>ZNF852</i>	3.1	2.49	<0.1	NA	0.851219512	NA	0	NA	No
<i>PFAS</i>	0.4	0.51	0.25	0.23	1.078571429	0.984879886	0	0	No
<i>CYBC1</i>	3.04	3.22	8.90	10.31	1.044554455	1.142329107	0	0.0033516	No
<i>LGALS7B</i>	4.83	5.42	46.33	39.89	1.101200686	0.864032992	0	-0.231055	No
<i>ZNF552</i>	2.52	2.75	3.33	4.27	1.065340909	1.218036696	0	0.0921677	No
<i>SMIM10L2A</i>	8.68	11.34	<0.1	NA	1.274793388	NA	0.235971	NA	No
<i>GAK</i>	22.87	15.5	26.66	27.43	0.69124424	1.027672523	-0.472431	-0.0534706	No
<i>ZBTB7A</i>	4.48	4.6	0.60	0.72	1.02189781	1.074199328	0	0	No
<i>TUFM</i>	6.08	11.32	12.55	13.81	1.740112994	1.092933705	0.761022	0	No
<i>RMI1</i>	5.94	7.23	10.56	10.98	1.185878963	1.036025454	0.104336	0	No
<i>CTC1</i>	1.76	3.73	1.05	1.13	1.713768116	1.038485954	0.898856	0	No
<i>FBXO34</i>	3.02	2.91	<0.1	NA	0.972636816	NA	0	NA	No
<i>LINC00324</i>	4.29	7.19	0.52	1.13	1.548204159	1.399584326	0.419586	0.0723292	No
<i>SELENOW</i>	11.01	14.01	18.70	18.11	1.24979184	0.970210397	0.114239	-0.0548432	No
<i>EIF3K</i>	5.21	7.15	15.82	15.48	1.312399356	0.979877571	0.206788	-0.0402015	No
<i>MRFAP1L1</i>	0.18	1.14	0.62	0.35	1.813559322	0.836173699	1.99788	-0.287635	No
<i>SNX18</i>	2.71	4.84	15.23	14.06	1.574123989	0.927745258	0.60425	-0.160285	No
<i>AURKB</i>	69.61	72.33	19.96	18.48	1.038521456	0.929603702	0	-0.123222	No
<i>MRFAP1</i>	3.82	8.42	<0.1	NA	1.954356846	NA	0.913061	NA	No
<i>C3orf38</i>	0.29	0.78	1.90	3.95	1.379844961	1.708341249	0.790631	0.721415	No
<i>KLHDC7A</i>	9.45	7.7	113.85	116.79	0.832535885	1.025628185	-0.165096	-0.0359971	No
<i>TMEM107</i>	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
<i>RRS1</i>	1.42	1.61	1.24	1.85	1.078512397	1.27312374	0	0	No
<i>EXOC3L1</i>	12.63	15.93	6.19	6.88	1.242112986	1.095719944	0.232408	0	No
<i>TRIML2</i>	12.4	14.11	5.65	5.87	1.12761194	1.032722841	0.0334816	0	No
<i>RCC2</i>	2.41	7.2	<0.1	NA	2.404692082	NA	1.11704	NA	No
<i>ZFP42</i>	7.17	8.82	6.46	7.42	1.201958384	1.128789933	0.043849	0	No
<i>AC020907.1</i>	240.1	253.2	<0.1	NA	1.054334301	NA	0.0396448	NA	No
<i>CCDC89</i>	14.28	20.65	18.26	18.77	1.416884817	1.026255287	0.438079	-0.0196799	No

<i>C9orf106</i>	3.34	3.47	8.63	8.57	1.029953917	0.993806604	0	-0.026388	No
<i>DPM3</i>	13.82	13.25	211.20	164.27	0.961538462	0.778863604	0	-0.475283	No
<i>CYC1</i>	9.56	12.64	28.79	27.72	1.291666667	0.964123013	0.247846	-0.130361	No
<i>PER1</i>	8.38	7.32	41.84	46.10	0.886993603	1.099405782	-0.0236497	0	No
<i>H3P47</i>	9.39	13.91	14.96	16.84	1.435033686	1.117960265	0.471276	0	No
<i>TMTC2</i>	0.97	0.8	<0.1	NA	0.913705584	NA	0	NA	No
<i>HES7</i>	1	1.25	8.15	8.83	1.125	1.074851889	0	0	No
<i>FARSA</i>	5.64	8.5	52.43	51.41	1.430722892	0.98090429	0.41719	-0.0539885	No
<i>SPTY2D1</i>	0.11	0.05	<0.1	NA	0.945945946	NA	0	NA	No
<i>C10orf67</i>	188.86	130.84	1087.90	1087.89	0.694406405	0.999993222	-0.46057	-0.11394	No
<i>SAMD4B</i>	3.48	6.97	<0.1	NA	1.779017857	NA	0.698905	NA	No
<i>ALOXE3</i>	3.19	3.91	8.88	9.25	1.171837709	1.037297178	0.00696167	0	No
<i>EDC3</i>	9.79	14.42	29.89	31.89	1.429101019	1.064889132	0.390604	0	No
<i>TCAIM</i>	21.13	20.84	33.15	34.61	0.986895617	1.042691742	0	0	No
<i>FUCA1</i>	52.92	38.61	93.50	81.20	0.734606825	0.869869029	-0.370871	-0.276863	No
<i>GGN</i>	0.13	0.16	<0.1	NA	1.026548673	NA	0	NA	No
<i>TMEM125</i>	34.42	20.18	106.99	91.08	0.59796725	0.852641319	-0.63166	-0.33672	No
<i>ZNF664</i>	2.32	2.09	1.86	2.18	0.930722892	1.112057869	0	0	No
<i>CALR</i>	0.65	1.72	1.50	0.99	1.648484848	0.79565244	0.966905	-0.120776	No
<i>MAGED1</i>	1.34	1.96	4.14	3.71	1.264957265	0.916593877	0.163731	-0.117668	No
<i>GVQW3</i>	7	6.13	11.71	14.82	0.89125	1.244743601	0	0	No
<i>LDLRAD3</i>	0.53	0.37	<0.1	NA	0.895424837	NA	0	NA	No
<i>RAD23A</i>	89.26	58.34	81.21	88.93	0.657434079	1.093858238	-0.547557	0	No
<i>GADD45GIP1</i>	0.17	0.82	<0.1	NA	1.555555556	NA	0.5385	NA	No
<i>MEIS3P1</i>	94.76	75.5	67.60	73.02	0.79887218	1.078963849	-0.215195	0	No
<i>DAND5</i>	65.05	9.15	33.06	19.16	0.153671461	0.592024538	-2.70834	0	No
<i>TMEM151A</i>	1.86	1.45	10.23	10.21	0.856643357	0.998149153	0	0	No
<i>PTPN11</i>	10.07	8.15	<0.1	NA	0.826558266	NA	-0.183557	NA	No
<i>NSUN7</i>	97.56	78.48	78.71	71.65	0.806412338	0.911435451	-0.267165	-0.230458	No
<i>CLK3</i>	2.7	4.54	43.05	32.31	1.497297297	0.75627747	0.473785	-0.494053	No
<i>HLA-DQB1</i>	26.33	24.72	162.18	154.25	0.941090377	0.951408806	-0.0178497	-0.182035	No
<i>GATA2</i>	1.24	2.94	<0.1	NA	1.758928571	NA	0.845497	NA	No
<i>ARID3B</i>	0.11	0.08	0.19	0.03	0.972972973	0.862332408	0	-0.263109	No
<i>HMGN2P46</i>	0.18	0.35	<0.1	NA	1.144067797	NA	0	NA	No
<i>TMEM31</i>	0.52	1.04	<0.1	NA	1.342105263	NA	0.53208	NA	No
<i>PACS2</i>	0.16	0.74	0.84	1.96	1.5	1.609149968	0.148913	0.457608	No
<i>ELMOD2</i>	12.46	10.98	18.86	17.98	0.890044577	0.955595683	-0.0436436	-0.102327	No
<i>VWA1</i>	0.65	0.15	0.89	0.99	0.696969697	1.053900113	-1.04688	0	No

LINC00174	0.51	0.62	0.31	0.20	1.072847682	0.917278499	0	0	No
GEMIN4	0.55	1.27	2.87	3.46	1.464516129	1.153679254	0.818718	0	No
IL6-AS1	8.83	8.39	5.77	4.95	0.955239064	0.878148026	0	-0.183881	No
FIX1	0.55	1.1	<0.1	NA	1.35483871	NA	0	NA	No
OR13C6P	4.35	5.68	44.13	45.34	1.248598131	1.02675946	0	0	No
KLHL28	0.76	0.63	1.46	1.65	0.926136364	1.078868083	0	0	No
ZBTB18	10.51	9.97	34.50	33.48	0.953084275	0.971158652	0	-0.0589459	No
C14orf28	1.82	1.8	0.98	1.41	0.992907801	1.217750164	0	0.0887763	No
ALOX12B	7.87	10.3	43.19	43.21	1.273957159	1.000421776	0.238019	-0.0648076	No
EIF3J-DT	9.79	10.17	20.12	18.74	1.035217794	0.934866131	0	-0.117136	No
SHARPIN	2.06	2.26	3.75	3.99	1.065359477	1.050206559	0	0	No
LBX2	3.01	4.05	6.90	5.92	1.259351621	0.876293068	0.175667	-0.100057	No
DNHD1	5.59	11.17	5.21	6.01	1.846737481	1.128351246	0.769191	0	No
HTR1D	28.76	18.43	24.35	24.34	0.652889785	0.999642542	-0.5245	-0.0427715	No
GCC1	349.88	227.77	234.78	274.14	0.651989284	1.166946904	-0.554139	0.0371886	No
CIITA	16.44	21.58	42.75	46.70	1.294724771	1.090332004	0.294362	0	No
ZFPM1	9.48	12.01	65.10	55.53	1.241412214	0.855161432	0.130853	-0.284888	No
ALOX15B	3.13	2.81	4.37	4.89	0.92251816	1.096452295	0	0	No
PLD6	17.12	14.69	31.69	37.61	0.86589404	1.181191639	-0.039348	0	No
CDC42EP4	0.95	1.87	4.27	3.53	1.471794872	0.85941969	0.450545	0	No
DGKZP1	4.56	6.44	22.50	25.64	1.338129496	1.133802003	0.29586	0	No
ZBTB42	68.61	77.49	164.32	166.23	1.127567878	1.011537135	0.0982962	-0.0844967	No
LACC1	27.38	20.89	2.09	2.74	0.771317829	1.209427318	-0.315548	0	No
MAF1	3.71	7.35	1.51	1.94	1.772823779	1.170405848	0.7322	0	No
ARL14	54.26	46.38	105.12	84.96	0.857401375	0.809991772	-0.108509	-0.376685	No
WDR97	4.67	5.38	6.88	7.66	1.125220459	1.098650262	0	0	No
PCED1B	0.72	0.46	<0.1	NA	0.848837209	NA	-0.111204	NA	No
FLJ37453	24.33	19.17	0.17	0.23	0.796288985	1.052776303	-0.20171	0	No
APOBEC3B	6.83	5.85	<0.1	NA	0.874840358	NA	0	NA	No
PIPOX	2.83	1.43	5.31	3.35	0.634464752	0.689755984	-0.34665	-0.452513	No
ATOX7	4.06	8.88	22.07	23.39	1.95256917	1.057398146	0.746357	0	No
CDH5	1.76	1.42	1.79	2.22	0.876811594	1.155280514	-0.13965	0	No
PCBP1-AS1	1.57	2.1	7.10	6.63	1.206225681	0.941443221	0.147551	0	No
MYADM	5.05	5.3	48.04	53.62	1.041322314	1.113806458	0	0	No
MROH1	0.27	0.44	<0.1	NA	1.133858268	NA	0	NA	No
SERTAD2	12.11	8.62	30.64	33.54	0.733790999	1.091512552	-0.310681	0	No
NKPD1	0.32	6.98	2.24	2.36	6.045454545	1.036620226	3.6662	0	No
RNF227	0.62	1.24	1.45	1.49	1.382716049	1.01603676	0.629365	0	No

<i>CITED4</i>	0.48	0.48	1.73	2.21	1	1.175740695	0	0	No
<i>TIGD5</i>	0.31	0.73	2.92	3.85	1.320610687	1.236967904	0.44174	0.05098	No
<i>PDXDC1</i>	0.62	1.26	<0.1	NA	1.395061728	NA	0.293493	NA	No
<i>PHC1P1</i>	10.29	10.22	36.60	36.80	0.993799823	1.005300404	0	-0.0410491	No
<i>R3HDM2</i>	3.3	4.24	<0.1	NA	1.218604651	NA	0.104499	NA	No
<i>B3GNT3</i>	167.79	167.14	24.27	32.37	0.996149061	1.320635428	0	0.253993	No
<i>SEPHS2</i>	1.59	2.53	10.36	13.96	1.362934363	1.317124924	0.264777	0.11971	No
<i>ZNF784</i>	0.78	2.46	1.13	1.16	1.943820225	1.016131408	1.13414	0	No
<i>C14orf119</i>	5.74	5.03	8.97	10.71	0.894658754	1.174598207	-0.0274487	0.00624525	No
<i>BBS10</i>	50.59	41.21	33.83	38.45	0.818181818	1.132579186	-0.225222	0.00183237	No
<i>FIZ1</i>	0.51	1.1	4.93	6.47	1.390728477	1.260295111	0.72287	0.11048	No
<i>PUF60</i>	0.12	0.8	6.16	7.02	1.607142857	1.120772577	1.39895	0	No
<i>DCTPP1</i>	1.31	1.18	0.57	0.92	0.943722944	1.224044275	0	0	No
<i>ZNF771</i>	36.54	36.19	32.19	33.37	0.990676612	1.035579062	0	0	No
<i>PPP1R14BP3</i>	2.8	3.94	5.48	7.06	1.3	1.244473136	0.179376	0	No
<i>TSHZ1</i>	101.11	124.27	<0.1	NA	1.22681422	NA	0.186493	NA	No
<i>PSTK</i>	15.44	21.88	16.43	15.64	1.391727494	0.954904321	0.332522	0	No
<i>SOCS4</i>	0.61	1.01	0.42	0.64	1.248447205	1.157320596	0.364015	0.212243	No
<i>ZADH2</i>	0.32	0.66	0.19	0.06	1.257575758	0.89336725	0.131732	0	No
<i>AC093909.1</i>	0.16	0.04	18.13	16.30	0.896551724	0.904090295	0	-0.16234	No
<i>ZNF48</i>	0.28	1.83	0.48	0.84	2.2109375	1.244552157	2.02352	0.108692	No
<i>LINC02870</i>	0.26	0.23	0.54	0.29	0.976190476	0.837173664	0	-0.0682065	No
<i>ANKRD18A</i>	0.12	0.85	<0.1	NA	1.651785714	NA	1.20985	NA	No
<i>TMEM86B</i>	1.25	2.57	0.72	0.70	1.586666667	0.985627688	0.720605	0	No
<i>SEPTIN1</i>	4.36	4.05	5.03	4.68	0.942164179	0.942552942	0	0	No
<i>TRNAU1AP</i>	0.33	0.72	0.15	0.07	1.293233083	0.927648818	0.56912	0	No
<i>EXOC3</i>	40.89	42.44	14.02	14.09	1.037001671	1.004636911	0	0	No
<i>LYNX1</i>	4.42	3.38	<0.1	NA	0.808118081	NA	0	NA	No
<i>TH</i>	0.15	0.03	<0.1	NA	0.895652174	NA	0	NA	No
<i>MED14</i>	78.74	41.64	<0.1	NA	0.534737898	NA	-0.734312	NA	No
<i>FAHD1</i>	8.49	6.18	22.37	22.50	0.75658588	1.005530203	-0.309818	-0.0163148	No
<i>TDRP</i>	4.85	3.72	<0.1	NA	0.806837607	NA	-0.118149	NA	No
<i>RCC1</i>	0.97	1.46	1.10	1.33	1.248730964	1.110666447	0.217753	0	No
<i>MYLPF</i>	11.58	6.73	3.91	2.62	0.614467409	0.737026492	-0.44553	-0.288937	No
<i>FO393411.1</i>	6.84	9.31	7.39	8.01	1.31505102	1.074458127	0.161228	0	No
<i>PRKRA</i>	1.71	2.31	3.14	3.67	1.221402214	1.127155316	0.158146	0	No
<i>ZNRF2</i>	20.67	20.63	7.55	8.00	0.99815413	1.052904012	0	0	No
<i>ZNF816</i>	0.21	4.21	<0.1	NA	4.305785124	NA	3.55839	NA	No

<i>FGD6</i>	40.35	32.3	59.49	51.69	0.805320435	0.87098368	-0.2145	-0.244082	No
<i>LINC01869</i>	3.23	2.72	3.05	2.69	0.879432624	0.91198863	-0.0519433	-0.0642634	No
<i>OAZ2</i>	0.12	0.21	0.63	0.58	1.080357143	0.971217233	0	0	No
<i>CCDC43</i>	24.72	31.69	54.75	59.67	1.270995334	1.088163434	0.27332	0	No
<i>MEIOC</i>	8.1	14.08	31.14	31.28	1.657142857	1.004326652	0.664664	-0.0392926	No
<i>FZD2</i>	0.43	0.54	3.40	4.22	1.076923077	1.186308313	0	0	No
<i>TIGD2</i>	0.51	1.33	11.43	11.94	1.543046358	1.040712631	0.883085	0	No
<i>MTURN</i>	0.39	0.5	<0.1	NA	1.079136691	NA	0	NA	No
<i>ZNF609</i>	0.49	0.12	<0.1	NA	0.751677852	NA	0	NA	No
<i>PAK2</i>	10.87	24.26	29.31	25.19	2.128053917	0.864131385	0.9738	-0.270863	No
<i>CCDC66</i>	130.45	150.91	100.96	106.92	1.155648536	1.0584152	0.151873	-0.0227495	No
<i>EMC3-AS1</i>	107.04	95.48	142.59	140.48	0.893002592	0.985308749	-0.0700533	-0.0638329	No
<i>MCFD2</i>	0.65	0.56	<0.1	NA	0.945454545	NA	0	NA	No
<i>LINC00304</i>	0.52	0.89	<0.1	NA	1.243421053	NA	0.0686111	NA	No
<i>HARBI1</i>	3.43	2.36	11.25	11.85	0.758465011	1.049316309	-0.246012	0	No
<i>C11orf71</i>	9.03	7.89	2.77	2.64	0.886340977	0.965049766	-0.0152375	-0.0162028	No
<i>CYP8B1</i>	1.71	2.5	8.84	7.28	1.291512915	0.841213039	0.105053	-0.0834255	No
<i>TPRXL</i>	3.19	3.87	13.99	10.30	1.162291169	0.754059988	0.0810624	-0.493018	No
<i>GAS1</i>	16.3	28.83	32.18	31.22	1.724277457	0.971003555	0.708987	-0.167231	No
<i>ARHGAP45</i>	0.9	4.14	0.91	0.69	2.705263158	0.885083944	1.49824	0	No
<i>AC022148.1</i>	16.55	18.62	0.13	0.17	1.117948718	1.036067292	0.00589998	0	No
<i>ZNF571</i>	0.26	0.68	0.44	0.55	1.333333333	1.07912586	0.683794	0	No
<i>MIGA1</i>	1.99	5.03	1.04	0.98	2.016722408	0.969377728	1.09394	0	No
<i>NRIP1</i>	0.44	1.39	<0.1	NA	1.659722222	NA	0.941349	NA	No
<i>BHLHA15</i>	63.49	82.1	76.57	74.31	1.288571872	0.970859796	0.260842	-0.103182	No
<i>TSPYL5</i>	0.23	0.84	4.20	5.04	1.495934959	1.161455644	1.3245	0	No
<i>H2AC6</i>	52.36	61.75	52.57	50.75	1.175974513	0.966068069	0.149032	-0.116058	No
<i>EIF2S3B</i>	0.25	0.62	1.59	3.02	1.296	1.552942808	0.452881	0.18182	No
<i>SRP9P1</i>	5.86	7.78	27.99	26.90	1.279883382	0.96249018	0.243145	-0.13244	No
<i>SKIDA1</i>	8.07	10.87	<0.1	NA	1.308710033	NA	0.294925	NA	No
<i>H2BC4</i>	2.19	50.81	<0.1	NA	16.24137931	NA	3.89454	NA	No
<i>MB21D2</i>	1.52	3.22	1.81	1.69	1.674603175	0.956413773	0.641872	0	No
<i>ZNF594</i>	0.44	0.57	0.25	0.22	1.090277778	0.976685069	0	0	No
<i>PCGF5</i>	4.59	4.12	41.81	40.95	0.915921288	0.979825416	-0.0231237	-0.137519	No
<i>YOD1</i>	15.4	10.47	33.81	29.97	0.699390244	0.889810905	-0.437204	-0.246683	No
<i>EXOC5P1</i>	195.39	163.17	193.10	173.10	0.835938693	0.896952463	-0.204695	-0.231283	No
<i>TMEM64</i>	4.55	6.5	9.28	11.10	1.351351351	1.17679776	0.257894	0	No
<i>LINC02363</i>	2.04	3.16	5.34	5.66	1.368421053	1.050901655	0.395992	0	No

CHRM4	10.54	8.8	7.39	8.78	0.849220104	1.165602215	-0.0836957	0	No
SHISA2	0.64	0.64	0.27	0.36	1	1.074415653	0	0	No
S1PR5	12.47	13.6	<0.1	NA	1.083890126	NA	0	NA	No
SMG1P3	63.74	55.17	148.34	144.20	0.867624344	0.972301939	-0.122939	-0.124247	No
GPR157	19.11	25.36	13.92	18.25	1.310790651	1.290277891	0.248203	0.0811112	No
WDFY3-AS2	3.62	3.51	8.32	7.10	0.976190476	0.868986445	0	-0.235018	No
SLC36A4	44.3	36.41	78.85	87.09	0.825827815	1.103220387	-0.167108	0	No
ZDHHC20	104.06	121.38	56.69	59.23	1.164858176	1.04409835	0.158503	-0.0046187	No
ZFP3	4.36	4.72	6.61	7.95	1.067164179	1.176351821	0	0	No
ARSJ	0.41	0.75	<0.1	NA	1.241134752	NA	0.22163	NA	No
HOXC9	3.55	2.23	15.58	15.51	0.70989011	0.995733779	-0.336212	0	No
PPA1	23.47	19.34	34.47	30.45	0.831221904	0.886767101	-0.0973705	-0.218533	No
HOXC10	0.88	2.46	0.37	0.49	1.840425532	1.086923928	0.936601	0	No
PSMG4	1.52	11.31	<0.1	NA	4.884920635	NA	2.51159	NA	No
MAP6D1	55.84	55.74	73.91	76.44	0.998240676	1.033761222	0	-0.0195821	No
ZNF443	7.1	26.03	<0.1	NA	3.337037037	NA	1.67444	NA	No
LINC01559	1.07	1.88	<0.1	NA	1.391304348	NA	0.281884	NA	No
PDIA3P1	0.73	0.45	<0.1	NA	0.838150289	NA	0	NA	No
SSR4	0.25	0.41	0.49	1.15	1.128	1.440859744	0	0	No
ZNF792	48.04	18.72	211.50	174.51	0.402120718	0.825910904	-1.09329	-0.347479	No
CUEDC1	408.48	243.49	659.63	619.94	0.597074338	0.939925448	-0.701583	-0.228537	No
SCRIB	5.78	4.09	6.84	6.68	0.750737463	0.979347931	-0.31048	0	No
KCTD2	0.27	0.27	<0.1	NA	1	NA	0	NA	No
D2HGDH	3.09	1.53	1.65	3.02	0.618581907	1.51598948	-0.745922	0.439855	No
OXTR	0.65	0.48	<0.1	NA	0.896969697	NA	0	NA	No
CMTR2	104.92	98.61	192.90	193.63	0.940426737	1.003753304	-0.0196974	-0.0628508	No
FAM83H	4.11	5.54	3.94	4.75	1.279843444	1.16351345	0.224611	0	No
ZNF572	0.27	0.32	<0.1	NA	1.039370079	NA	0	NA	No
ST20	27.94	25.97	22.80	22.71	0.931928127	0.996268846	-0.0312063	-0.0757557	No
PITPNB	1.28	1.25	<0.1	NA	0.986842105	NA	0	NA	No
TCEAL8	11.92	10.95	9.49	10.38	0.924922601	1.084809414	0	0	No
LRRC57	1.17	1.43	4.72	5.80	1.119815668	1.189030715	0	0	No
MRPL14	11.96	16.34	4.88	7.38	1.337962963	1.424443149	0.243704	0.180181	No
GPR137C	0.11	0.83	0.74	0.90	1.648648649	1.090631009	1.15472	0	No
BBS12	25.08	13.11	<0.1	NA	0.541027607	NA	-0.755141	NA	No
ZFP82	14.63	17.41	9.74	11.51	1.177863084	1.164730897	0.141716	0.0112107	No
NQO1	16.62	9.22	<0.1	NA	0.580022701	NA	-0.720351	NA	No
AEN	0.11	0.18	<0.1	NA	1.063063063	NA	0.0466062	NA	No

<i>FKRP</i>	5.43	7.9	1.90	2.21	1.384136858	1.106158708	0.338418	0	No
<i>TRAPPC5</i>	128.62	107.95	141.58	120.16	0.840533868	0.849750948	-0.189337	-0.296272	No
<i>RPH3AL</i>	102.81	92.58	76.00	75.49	0.90145458	0.993432614	-0.06765	-0.0285246	No
<i>SLC25A42</i>	6.58	15.05	5.96	7.44	2.117414248	1.213346497	0.824168	0.0315279	No
<i>METTL23</i>	0.21	0.35	<0.1	NA	1.115702479	NA	0	NA	No
<i>SLC26A11</i>	0.76	0.97	<0.1	NA	1.119318182	NA	0	NA	No
<i>HIGD1A</i>	2.67	2.49	<0.1	NA	0.950953678	NA	0	NA	No
<i>MAPK15</i>	3.86	3.52	27.59	27.22	0.930041152	0.986947908	-0.00716	-0.0463584	No
<i>EHMT1</i>	17	31.67	15.05	13.88	1.815	0.92721512	0.787431	-0.145027	No
<i>LINC02878</i>	1.55	1.59	2.12	2.08	1.015686275	0.988304918	0	0	No
<i>F2R</i>	2.14	0.66	<0.1	NA	0.52866242	NA	-1.0939	NA	No
<i>HLA-V</i>	0.37	0.73	<0.1	NA	1.262773723	NA	0	NA	No
<i>ZNF707</i>	7.66	5.61	10.71	10.70	0.763279446	0.998760976	-0.327118	-0.120484	No
<i>MUC16</i>	1.2	1.94	2.38	2.91	1.336363636	1.156328675	0.33719	0	No
<i>NPM1</i>	7.4	8.97	<0.1	NA	1.186904762	NA	0.107028	NA	No
<i>PJA1</i>	0.55	0.63	1.41	1.71	1.051612903	1.126063577	0	0	No
<i>DHTKD1</i>	9.41	13.68	13.81	13.96	1.410182517	1.009838741	0.401992	0	No
<i>H2AW</i>	0.2	0.51	<0.1	NA	1.258333333	NA	0	NA	No
<i>ZNF746</i>	6.24	7.79	0.88	0.59	1.214088398	0.844183638	0.0509643	-0.178869	No
<i>POLR2A</i>	0.39	0.17	<0.1	NA	0.841726619	NA	0	NA	No
<i>SLC25A41</i>	1.11	1.16	0.83	1.00	1.023696682	1.091748821	0	0	No
<i>TLCD5</i>	4.19	2.95	3.93	4.31	0.761078998	1.077057208	-0.206529	0	No
<i>FRAT2</i>	1.25	0.65	1.13	1.12	0.733333333	0.995618454	-0.357036	0	No
<i>TMEM102</i>	0.7	0.86	0.12	0.16	1.094117647	1.038127497	0	0	No
<i>ZNF322</i>	3.58	3.63	<0.1	NA	1.010917031	NA	0	NA	No
<i>LRRC75A</i>	67.18	66.48	79.12	71.14	0.98973306	0.900451199	0	-0.230975	No
<i>OFCC1</i>	1.43	3.31	2.66	2.80	1.773662551	1.039234369	0.697027	0	No
<i>DDX60L</i>	1.23	1.36	1.66	1.45	1.058295964	0.92033641	0	-0.0935505	No
<i>SYNE4</i>	1.98	6.35	<0.1	NA	2.466442953	NA	1.30831	NA	No
<i>OGFOD3</i>	6.25	7.11	6.39	6.03	1.11862069	0.95186966	0	-0.0710434	No
<i>WASHC1</i>	1.64	2.83	8.42	5.84	1.450757576	0.726176607	0.483551	-0.51217	No
<i>AATK</i>	2.01	3.64	<0.1	NA	1.541528239	NA	0.466209	NA	No
<i>ZNF467</i>	3.03	5.16	14.42	11.53	1.52853598	0.812686887	0.419954	-0.324399	No
<i>ZNF678</i>	45.63	52.44	6.00	8.04	1.14604332	1.291509511	0.12909	0.176087	No
<i>TMEM45A</i>	6.47	8.37	<0.1	NA	1.254350736	NA	0.127473	NA	No
<i>RAP2B</i>	3.8	7.63	1.65	2.88	1.797916667	1.464982391	0.75455	0.439693	No
<i>ZBTB2</i>	1.28	2.89	1.95	2.49	1.706140351	1.184653736	0.788341	0	No
<i>RNF135</i>	293.29	242.25	146.72	124.39	0.826565633	0.848832074	-0.232478	-0.338053	No

ACBD4	7.71	10.36	<0.1	NA	1.304247991	NA	0.100688	NA	No
SGSH	0.53	2.3	<0.1	NA	2.156862745	NA	1.724	NA	No
RPL24P4	2.65	4.75	5.76	6.61	1.575342466	1.126395576	0.47427	0	No
FANCB	3.11	3.99	2.75	3.07	1.214111922	1.086195655	0	0	No
SETD2	45.85	102.71	19.49	26.27	2.213660619	1.330882588	1.06378	0.22452	No
C6orf223	0.38	0.81	5.54	5.76	1.311594203	1.033548293	0.329637	0	No
TMIE	0.32	0.07	<0.1	NA	0.810606061	NA	0	NA	No
MEX3D	0.93	1.88	<0.1	NA	1.492227979	NA	0.615363	NA	No
MRPS23	0.19	0.37	2.39	2.18	1.151260504	0.936670968	0.533403	0	No
SLX1B	21	25.78	50.82	41.11	1.217272727	0.812642286	0.186188	-0.395376	No
TNFSF15	23.59	24.15	31.06	27.55	1.022773485	0.890635618	0	-0.251141	No
ZFP41	4.31	6.56	4.69	4.95	1.423728814	1.046183997	0.414207	0	No
PHLDA2	0.12	0.69	0.15	0.21	1.508928571	1.048936596	1.34819	0	No
ATG9B	0.98	2.31	<0.1	NA	1.671717172	NA	0.703738	NA	No
ZNF875	18.24	27.23	1115.36	735.02	1.467255717	0.659302238	0.373145	-0.728412	No
YIPF6	8.04	7.8	66.28	51.16	0.973451327	0.775260959	0	-0.459295	No
DIPK2A	30.86	27.94	16.87	18.13	0.908349027	1.070707969	-0.0775599	0	No
MACIR	1.5	1.13	<0.1	NA	0.852	NA	0	NA	No
AMIGO1	5.26	3.83	13.98	12.20	0.771565495	0.881357845	-0.245299	-0.219063	No
GPR3	27.32	25.9	<0.1	NA	0.949858757	NA	0	NA	No
SIAH2	53.86	69.77	104.02	89.33	1.290010937	0.86007653	0.279381	-0.311631	No
COPG1	5.44	6.52	5.51	4.95	1.167701863	0.913328053	0	-0.0324364	No
ADGRB1	22.1	27.32	3.51	4.42	1.225974026	1.202506919	0.176546	0	No
LINC00471	1.75	2.47	2.87	3.32	1.261818182	1.117115649	0.0899618	0	No
LSM10	4.45	3.74	9.88	8.80	0.869724771	0.900708963	-0.0432189	-0.153667	No
RELL1	147.95	121.4	147.32	150.73	0.821752266	1.023009423	-0.242478	-0.010132	No
RFX7	70.99	70.32	93.08	86.51	0.990693152	0.930112775	0	-0.138207	No
SLC35C1	2.17	1.68	3.82	2.94	0.845425868	0.816951875	-0.0276066	-0.0602905	No
RNF41	172.15	141.48	<0.1	NA	0.822870344	NA	-0.151227	NA	No
SLC2A4	0.63	0.39	9.00	8.18	0.852760736	0.917508224	-0.146852	-0.15635	No
IBA57	0.31	0.67	0.69	1.16	1.27480916	1.280037285	0.45929	0.0880883	No
CLDN7	2.25	4.29	3.99	5.46	1.627692308	1.295478316	0.693469	0.157517	No
ZNF329	1.6	1.56	8.11	8.38	0.984615385	1.029631893	0	0	No
ZNF101	0.67	0.48	<0.1	NA	0.886227545	NA	0	NA	No
C5orf24	7.85	8.91	5.25	3.44	1.119774011	0.710901929	0	-0.532206	No
LINC02724	0.68	2.88	<0.1	NA	2.30952381	NA	1.36103	NA	No
ADO	0.46	0.61	4.30	4.23	1.102739726	0.987478334	0	0	No
COA4	2.32	1.59	14.00	14.04	0.780120482	1.002421468	0	0	No

PRKAG1	0.84	0.44	<0.1	NA	0.782608696	NA	-0.221919	NA	No
GIN53	5.42	6.06	11.46	10.91	1.099688474	0.955810935	0	0	No
CCDC149	18.01	23.3	103.15	104.00	1.278274592	1.00815963	0.285928	-0.0810242	No
MRPS11	24.76	23.46	0.15	0.13	0.949534161	0.982347087	0	0	No
SNRPE	0.55	10.73	<0.1	NA	7.567741935	NA	3.68728	NA	No
RTKN2	7.52	8.09	6.39	7.17	1.066901408	1.105908248	0	0	No
CHST15	3.89	4.25	10.45	10.70	1.073619632	1.022118205	0	0	No
USH1G	1.51	1.3	<0.1	NA	0.916334661	NA	0	NA	No
IDH2	26.21	28.29	60.37	53.18	1.076442484	0.882875707	0.00380121	-0.241745	No
OGFRP1	0.54	0.44	1.02	1.63	0.935064935	1.302691632	0	0	No
TMEM259	0.51	0.38	<0.1	NA	0.913907285	NA	0	NA	No
GET1	9.92	10.2	12.70	12.73	1.025641026	1.002530926	0	0	No
TNRC18	3.06	5.51	17.62	13.74	1.603448276	0.791411903	0.547559	-0.434749	No
TMEM30B	1.08	3.16	1.78	2.72	2	1.339216239	1.07626	0.139308	No
DEXI	4.12	5.27	<0.1	NA	1.224609375	NA	0.194032	NA	No
NOP10	0.38	0.6	<0.1	NA	1.15942029	NA	0	NA	No
FAM89A	7.4	8.52	28.79	28.49	1.133333333	0.990087798	0.0624863	-0.03494	No
TDRKH	6.97	6.06	10.84	12.92	0.885821832	1.175982141	0	0	No
ZNF708	0.38	2.16	<0.1	NA	2.289855072	NA	2.05466	NA	No
IST1	16.93	12.72	11.95	9.50	0.765197992	0.810825346	-0.265115	-0.35565	No
ERCC6L2	3.16	5.61	2.27	2.29	1.588942308	1.007372919	0.526042	0	No
MRPL41	0.97	3.51	1.90	2.36	2.289340102	1.159687732	1.50938	0	No
CREB3L2	4.96	5.18	5.32	5.73	1.036912752	1.065501706	0	0	No
TP53TG1	0.59	0.82	2.82	3.44	1.144654088	1.162290608	0.0415508	0.00417865	No
TSEN54	1.31	2.27	2.49	2.61	1.415584416	1.034958074	0.354852	0	No
RGMA	14.39	15.78	28.27	31.27	1.090318389	1.102421029	0.0174915	0	No
UBA7	0.11	0	0.28	0.48	0.900900901	1.15344659	-0.0100004	0	No
MRPS16	1.77	2.45	1.86	2.21	1.245487365	1.121185272	0.00202657	0	No
RAD51B	1.53	2.35	2.12	2.27	1.324110672	1.048249652	0.0808824	0	No
ARL6IP4	0.18	0.4	<0.1	NA	1.186440678	NA	0.0449718	NA	No
EXT1	1.24	1.64	<0.1	NA	1.178571429	NA	0	NA	No
SHMT2	0.42	0.88	6.82	5.99	1.323943662	0.894091821	0.248959	-0.118284	No
MOB2	2.48	7.65	<0.1	NA	2.485632184	NA	1.40136	NA	No
HHIPL1	0.79	1.18	<0.1	NA	1.217877095	NA	0	NA	No
ATP6AP2	0.28	0.46	<0.1	NA	1.140625	NA	0	NA	No
ZAR1	0.92	1.51	<0.1	NA	1.307291667	NA	0.398852	NA	No
CYB5D1	5.89	5.37	3.18	2.96	0.924528302	0.948121077	0	-0.0327364	No
BACE2	4.49	6.29	0.15	0.22	1.327868852	1.05758825	0	0	No

UBE2E2	5.01	10.04	6.89	6.65	1.836938436	0.969217675	0.802603	-0.0602901	No
SYNM	24.13	38.54	<0.1	NA	1.573418225	NA	0.519728	NA	No
PRR34	1.39	1.32	<0.1	NA	0.970711297	NA	0	NA	No
NLRP10	4.1	3.48	<0.1	NA	0.878431373	NA	0	NA	No
FIGN	0.18	0.34	4.21	5.11	1.13559322	1.172177535	0.0973857	0.0107413	No
B4GALNT4	3.91	22.15	<0.1	NA	4.714867617	NA	2.0419	NA	No
AP1S2	9.18	9.34	0.12	0.26	1.015717092	1.122250121	0	0	No
C8orf33	0.73	1.6	1.50	1.66	1.502890173	1.063585211	0.667964	0	No
SPACA6	1.47	1.41	2.11	2.32	0.975708502	1.066501924	0	0	No
ZSCAN22	3.85	5.38	1.56	1.73	1.315463918	1.066780307	0.279089	0	No
KCNJ14	0.24	0.35	<0.1	NA	1.088709677	NA	0	NA	No
FBXL6	1.51	2.4	4.61	4.00	1.354581673	0.891618059	0.336271	-0.167543	No
C1S	0.18	0.26	<0.1	NA	1.06779661	NA	0	NA	No
GLTPD2	0.5	4.21	0.48	0.70	3.473333333	1.148735106	2.14922	0	No
KBTBD3	2.56	2.96	<0.1	NA	1.112359551	NA	0	NA	No
YBEY	2.65	5.56	5.06	6.17	1.797260274	1.183445653	0.724981	0	No
CLN8	0.6	0.74	1.16	1.00	1.0875	0.924610412	0	0	No
PLCXD1	2.22	3.77	1.61	1.59	1.48136646	0.99187221	0.479522	0	No
NXPH4	0.13	0.17	0.26	0.62	1.03539823	1.282699879	0	0.0676182	No
IFNL1	0.91	1.83	5.69	6.11	1.481675393	1.063070994	0.680583	0	No
TRAPPC6B	11.87	14.13	5.33	6.12	1.175602176	1.125218942	0.12175	0	No
PGBD4	0.23	0.4	0.72	0.98	1.138211382	1.149985892	0	0	No
NPLOC4	1.97	1.26	<0.1	NA	0.760942761	NA	-0.263714	NA	No
TEX19	2.44	4.87	0.40	0.46	1.706395349	1.044495318	0.529845	0	No
CAPN12	14.59	11.26	76.36	79.69	0.786401539	1.043033056	-0.239029	0	No
EXOC7	25.03	20.74	3.65	3.40	0.835190165	0.946826534	-0.121426	0	No
KPNA2	1.73	2.06	16.50	14.43	1.120879121	0.88172341	0.00144378	-0.096664	No
WASH6P	1.15	5.24	2.21	2.88	2.902325581	1.208676302	1.67147	0	No
XKRX	0.78	1.06	1.00	1.15	1.157303371	1.073032657	0	0	No
CEP97	0.22	3.66	<0.1	NA	3.819672131	NA	3.24221	NA	No
GLRX5	6.51	6.02	18.07	19.18	0.934753662	1.057993062	0	0	No
FAM104B	24.42	18.05	151.61	159.11	0.749409913	1.049149431	-0.32332	0	No
CAV3	0.5	0.96	1.08	1.13	1.306666667	1.021898716	0.304452	0	No
MXRA7	13.84	15.49	4.54	4.86	1.111185984	1.057836559	0.042188	0	No
LIMK2	99.03	91.19	114.46	104.38	0.921623513	0.912732575	-0.0751201	-0.269173	No
MFSD5	9.31	10.36	7.25	8.51	1.101842871	1.152808844	0.00198804	0	No
ADI1	4.16	2.22	23.51	21.72	0.624031008	0.926825592	-0.622677	-0.0942521	No
RWDD4	2.81	4.56	4.07	4.09	1.459317585	1.003338798	0.488234	0	No

<i>SPNS3</i>	91.68	95.07	26.78	24.68	1.036577471	0.924532293	0.00684394	0	No
<i>SATB1</i>	0.67	1.6	0.50	0.45	1.556886228	0.967058259	0.637937	0	No
<i>NXPH3</i>	1.49	1.32	2.85	3.93	0.931726908	1.279446451	0	0	No
<i>CSF1R</i>	9.65	9.02	20.21	23.52	0.94084507	1.156051796	0	0	No
<i>EPHB3</i>	9.58	10.19	33.55	36.02	1.057655955	1.07157053	0	0	No
<i>ACTL10</i>	1.17	1.61	6.88	8.95	1.202764977	1.263321061	0.129478	0.0649626	No
<i>EPGN</i>	86.31	73.15	140.08	131.55	0.849272706	0.939554198	-0.112613	-0.0941906	No
<i>SNORC</i>	0.17	0.16	<0.1	NA	0.991452991	NA	0	NA	No
<i>TRAK1</i>	0.5	1.23	0.42	0.47	1.486666667	1.038348599	0.607813	0	No
<i>TSPAN10</i>	0.39	1.01	0.96	1.21	1.446043165	1.12550876	0.886445	0	No
<i>SKA2</i>	239.16	216.31	20.40	28.87	0.904855097	1.395780341	-0.102634	0.266432	No
<i>LINC01006</i>	4.19	4.75	4.53	5.17	1.107899807	1.115832876	0	0	No
<i>TTC3</i>	9.34	5.26	83.82	64.41	0.605415861	0.771219089	-0.651949	-0.420681	No
<i>BRICD5</i>	0.79	1.12	3.32	3.27	1.184357542	0.988519904	0.034503	0	No
<i>GALR2</i>	3.36	4.61	3.37	3.91	1.286697248	1.123172787	0.200989	0	No
<i>IGIP</i>	15.84	14.23	22.10	21.29	0.904394299	0.964769586	0	-0.0356888	No
<i>TSKU</i>	4.32	4.52	0.23	0.31	1.037593985	1.067767941	0	0	No
<i>CMC4</i>	17.06	23.56	17.27	21.13	1.359911406	1.21127766	0.323793	0.0904088	No
<i>ANXA2</i>	1.17	5.69	<0.1	NA	3.082949309	NA	1.83251	NA	No
<i>HOXB4</i>	4.57	4.1	21.51	19.84	0.91561939	0.925721606	-0.0445096	-0.134449	No
<i>PAQR7</i>	1.5	0.79	<0.1	NA	0.716	NA	-0.163481	NA	No
<i>MAFA</i>	3.05	4.52	<0.1	NA	1.362962963	NA	0.325644	NA	No
<i>NGRN</i>	9.22	10.59	11.37	12.07	1.134050881	1.056521608	0.0615217	0	No
<i>RPS17</i>	0.4	0.75	<0.1	NA	1.25	NA	0.67699	NA	No
<i>HCAR2</i>	283.09	227.61	475.69	441.08	0.804709775	0.927387123	-0.279396	-0.190681	No
<i>C1orf116</i>	15.56	21.41	3.46	3.85	1.35326087	1.087832849	0.314837	0	No
<i>TMEM198B</i>	19.57	18.93	20.17	18.92	0.968886728	0.941061401	0	-0.11564	No
<i>CRIP2</i>	63.73	48.8	<0.1	NA	0.769349606	NA	-0.229185	NA	No
<i>DDX28</i>	3.51	4.02	14.37	12.36	1.11308204	0.8692109	0.00073462	-0.219349	No
<i>ACBD3</i>	28.38	53.81	49.54	57.36	1.865554799	1.154826003	0.860684	0.0294597	No
<i>C16orf72</i>	0.32	0.52	2.15	1.61	1.151515152	0.827807906	0	-0.0105268	No
<i>PLCXD3</i>	1.47	2.73	<0.1	NA	1.510121457	NA	0.51585	NA	No
<i>RRP7BP</i>	3.64	5.5	49.19	41.17	1.400862069	0.840202921	0.24614	-0.320914	No
<i>VMO1</i>	3.98	6.9	10.42	10.32	1.586345382	0.990922105	0.461016	0	No
<i>ALG12</i>	1.75	2.62	0.62	0.61	1.316363636	0.996112662	0.241881	-0.0387609	No
<i>GALNT9</i>	0.64	1.2	0.57	0.70	1.341463415	1.085339178	0.283973	0	No
<i>COL18A1</i>	0.17	0.38	<0.1	NA	1.179487179	NA	0.137032	NA	No
<i>RBM10</i>	4.6	7.19	9.26	12.49	1.4625	1.314505055	0.509567	0.193447	No

<i>PRKCZ-AS1</i>	4.03	7.1	0.60	0.56	1.610337972	0.975847704	0.516355	0	No
<i>ADGRG3</i>	8.35	5.36	6.54	6.70	0.680213904	1.020890082	-0.469327	0	No
<i>RPL35A</i>	4.11	3.18	<0.1	NA	0.818003914	NA	0	NA	No
<i>ZNF721</i>	0.45	1.44	1.13	1.07	1.682758621	0.973279268	1.32919	0	No
<i>TSPEAR-AS2</i>	3.8	2.63	2.75	5.20	0.75625	1.653973951	-0.16258	0.526663	No
<i>C11orf54</i>	0.38	0.44	2.23	2.41	1.043478261	1.054891033	0	0	No
<i>CEP63</i>	5.39	7.71	23.24	17.34	1.363067293	0.75665618	0.339862	-0.388566	No
<i>SRPRA</i>	9.68	11.38	4.96	5.15	1.15917603	1.031409329	0.116187	0	No
<i>EWSR1</i>	5.03	6.69	6.39	5.94	1.275290216	0.93978135	0.15269	-0.0868807	No
<i>HMGNA4</i>	12.28	7.13	10.44	10.75	0.612198795	1.027106	-0.54096	0	No
<i>SPATA13</i>	6.43	6.52	10.23	8.00	1.012113055	0.801091844	0	-0.341205	No
<i>GJC1</i>	5.93	6.55	0.45	0.75	1.089466089	1.209462152	0	0	No
<i>CNOT10</i>	28.7	32.22	<0.1	NA	1.118518519	NA	0	NA	No
<i>MTA1</i>	0.6	1.25	2.02	2.66	1.40625	1.210567855	0.430374	0	No
<i>ZNF662</i>	5.81	8.15	8.72	8.77	1.343612335	1.005507782	0.356687	-0.0398786	No
<i>ZNF320</i>	12.76	37.67	64.63	46.31	2.810319767	0.72080765	1.45517	-0.608745	No
<i>C12orf60</i>	0.64	2.75	0.52	0.57	2.286585366	1.035659697	1.37475	0	No
<i>PYCR1</i>	19.86	23.59	59.63	38.49	1.178811122	0.651398367	0.108055	-0.714236	No
<i>NAA38</i>	8.82	8.45	34.73	36.02	0.962321792	1.035973493	0	0	No
<i>SPNS2</i>	1.37	0.54	<0.1	NA	0.64978903	NA	-0.553671	NA	No
<i>MCEMP1</i>	4.81	5.49	8.39	8.10	1.117039587	0.969574948	0.00504428	-0.100814	No
<i>AP2A2</i>	149.92	168.03	16.26	16.04	1.11999735	0.987249797	0.0736972	0	No
<i>SLC8A1</i>	0.33	1.16	1.89	2.09	1.62406015	1.069242435	1.23202	0	No
<i>OTOP2</i>	3.77	3.78	<0.1	NA	1.002096436	NA	0	NA	No
<i>ABAT</i>	6.25	5.49	3.63	4.16	0.895172414	1.115224621	-0.033393	0	No
<i>SLC25A10</i>	1.69	1.62	<0.1	NA	0.973977695	NA	0	NA	No
<i>CAMK1D</i>	0.59	0.91	<0.1	NA	1.201257862	NA	0	NA	No
<i>LYSMD4</i>	0.95	1.89	0.52	0.54	1.482051282	1.010143399	0.56991	0	No
<i>WBP2NL</i>	0.98	1.35	1.73	1.78	1.186868687	1.018764177	0	0	No
<i>NKX2-5</i>	43.25	46.28	34.40	26.80	1.068474576	0.785372341	0	-0.426957	No
<i>AFMID</i>	114.05	94.58	50.45	51.88	0.830769231	1.027764952	-0.218672	-0.0047697	No
<i>GAS6</i>	0.6	0.68	8.30	14.70	1.05	1.688215302	0	0.635147	No
<i>BEGAIN</i>	1.02	1.67	0.52	0.48	1.321782178	0.971253591	0	0	No
<i>ARHGEF37</i>	23.11	22.8	50.13	47.21	0.987142265	0.94284189	0	-0.0674668	No
<i>FAM43B</i>	1.29	1.81	1.39	1.59	1.227074236	1.083383511	0.0523255	0	No
<i>CALHM3</i>	0.73	1.18	3.74	3.99	1.260115607	1.052486318	0.344284	0	No
<i>CEP57L1</i>	8.24	7.66	5.38	5.37	0.937229437	0.998218269	0	0	No
<i>RIPPLY3</i>	7.43	5.98	15.69	14.84	0.827995255	0.948867054	-0.145904	-0.09658	No

<i>GPR19</i>	0.48	0.84	0.20	0.08	1.243243243	0.900663306	0.11088	0	No
<i>GJD3</i>	1.23	2.71	3.44	3.86	1.66367713	1.093856016	0.872727	0	No
<i>RAB1F</i>	181.49	114.94	17.68	20.09	0.635322483	1.128781373	-0.600444	0	No
<i>FANCF</i>	3.62	5.14	0.80	0.54	1.329004329	0.853740729	0.249598	-0.201369	No
<i>SMDT1</i>	0.93	2.12	3.49	4.68	1.616580311	1.265945041	0.818682	0.087238	No
<i>C2CD4C</i>	4.7	11.22	7.20	9.16	2.143859649	1.239018858	1.07891	0.0878275	No
<i>CHST6</i>	0.46	0.32	<0.1	NA	0.904109589	NA	0	NA	No
<i>HSP90AB3P</i>	7.02	5.52	22.32	17.67	0.812967581	0.800503765	-0.11915	-0.391045	No
<i>RUVBL2</i>	19.41	26.98	52.42	51.20	1.370896619	0.97710777	0.318089	-0.0282463	No
<i>GDPGP1</i>	12.11	8.09	11.82	13.14	0.693363844	1.103221051	-0.410431	0	No
<i>WT1-AS</i>	3.54	5.12	8.13	8.32	1.348017621	1.020949419	0.297207	0	No
<i>PRR36</i>	0.84	1.05	1.62	1.73	1.114130435	1.041506589	0	0	No
<i>LINC01547</i>	2.87	2.68	25.10	31.53	0.950904393	1.246278443	0	0.0591014	No
<i>PTTG1IP</i>	5.78	8.39	12.20	13.81	1.384955752	1.121691888	0.247651	0	No
<i>DDX41</i>	0.23	0.36	0.53	0.90	1.105691057	1.241215429	0	0.443288	No
<i>DAZAP2</i>	14.95	19.11	<0.1	NA	1.260815047	NA	0.248958	NA	No
<i>CCBE1</i>	1.34	0.72	<0.1	NA	0.735042735	NA	-0.29617	NA	No
<i>SELENOF</i>	65.28	71.01	198.33	185.12	1.086451418	0.933711567	0.0417355	-0.182394	No
<i>RPSAP19</i>	0.32	0.56	0.46	0.20	1.181818182	0.82524127	0.11088	0	No
<i>ZNF623</i>	95.54	58.98	183.67	180.17	0.621296872	0.981023069	-0.632043	-0.124018	No
<i>EPHA10</i>	0.92	1.61	<0.1	NA	1.359375	NA	0.46375	NA	No
<i>CCDC125</i>	14.72	17.29	114.55	89.17	1.163486005	0.780372436	0.154555	-0.500048	No
<i>BCOR</i>	12.71	17.56	<0.1	NA	1.353756382	NA	0.330062	NA	No
<i>JRKL</i>	0.72	0.81	32.30	25.60	1.052325581	0.798654779	0	-0.363577	No
<i>KIAA2026</i>	99.54	86.26	155.28	157.70	0.867913268	1.01546502	-0.0463861	-0.0513382	No
<i>SYNDIG1L</i>	2.25	4.13	18.29	17.63	1.578461538	0.96577606	0.466514	-0.0269687	No
<i>FHL3</i>	3.36	4.52	1.14	1.00	1.266055046	0.936155192	0.180683	0	No
<i>C19orf71</i>	0.32	0.48	2.30	3.17	1.121212121	1.264881062	0	0.0903316	No
<i>CCDC159</i>	20.53	26.73	25.05	27.15	1.287970274	1.080467562	0.298227	0	No
<i>RIPK4</i>	0.62	1.03	1.41	1.77	1.25308642	1.151195376	0.434514	0	No
<i>NP1PA1</i>	250.21	206.35	173.88	167.06	0.82540504	0.961014229	-0.182501	-0.135334	No
<i>SF3A3</i>	5.42	4.52	9.91	9.95	0.859813084	1.003710215	-0.0947658	-0.0100382	No
<i>OR7E38P</i>	1.69	1.24	5.29	3.88	0.832713755	0.775136434	-0.0757162	-0.176101	No
<i>AC138932.1</i>	20.33	19.57	22.94	21.08	0.964369433	0.922208947	0	-0.148689	No
<i>GTF2H2C</i>	1.25	2.84	1.64	1.21	1.706666667	0.838705629	0.953598	-0.211918	No
<i>ASB7</i>	8.35	6	34.26	41.15	0.748663102	1.195335093	-0.283769	0.0470867	No
<i>TREX2</i>	20.21	22.19	39.37	42.17	1.093352192	1.069422663	0	0	No
<i>MX2</i>	0.99	0.78	1.59	1.92	0.894472362	1.127490346	0	0	No

EP400	1.38	0.65	126.49	112.14	0.693277311	0.887432783	-0.393438	-0.266741	No
MEX3B	21.08	22.42	0.90	1.11	1.060688406	1.108007782	0.00722917	0	No
PI4KAP2	65.16	49.83	205.43	150.07	0.768288996	0.731798761	-0.3189	-0.535028	No
TENT5C	7.49	8.15	12.63	12.74	1.077738516	1.007764525	0	0	No
COA5	0.15	0.89	5.26	6.91	1.643478261	1.263286238	1.81668	0.0460339	No
UTP11	6.61	8.76	33.05	38.41	1.282522996	1.157530183	0.277355	0	No
PSMG1	0.18	1.5	37.85	23.49	2.118644068	0.630396011	1.27492	-0.686553	No
PRR14L	0.87	1.33	3.42	3.49	1.245989305	1.016077607	0.0723747	0	No
SERHL2	5.02	3.01	0.10	0.18	0.666112957	1.069677725	-0.557647	0	No
SETD3	8.13	5.95	11.71	10.18	0.761226725	0.879391029	-0.219087	-0.069391	No
TNFAIP8L3	0.83	2.19	2.35	2.65	1.743169399	1.089484049	1.0407	0	No
ZNRF3	0.19	0.13	0.98	0.58	0.949579832	0.799000709	0	-0.113061	No
TANGO2	0.15	1.64	<0.1	NA	2.295652174	NA	2.45971	NA	No
SMG1P5	0.3	0.52	0.12	0.24	1.169230769	1.103242892	0.231436	0	No
SFXN4	14.09	6.13	<0.1	NA	0.472498343	NA	-1.01504	NA	No
FAM167B	1.82	2.35	68.58	73.65	1.187943262	1.072887339	0.0398289	0	No
MRPL54	35.66	28.68	24.77	23.49	0.809601746	0.950272194	-0.221193	-0.0780884	No
ZNF438	2.37	3.58	<0.1	NA	1.359050445	NA	0.273997	NA	No
HMCES	0.95	1.78	1.12	1.21	1.425641026	1.04035523	0.445527	0	No
CCR3	0.56	1.29	1.12	1.14	1.467948718	1.010512563	0.59914	0	No
ZNF530	37.45	38.13	69.30	72.01	1.017685306	1.038612202	0	-0.0322941	No
NDUFB1	3.43	4.83	0.95	1.39	1.316027088	1.227879933	0.278582	0	No
KLHL25	0.88	1.27	2.44	1.54	1.207446809	0.738580505	0	-0.401194	No
TRMT12	0.41	0.26	0.53	0.60	0.893617021	1.046626749	0	0	No
GUSBP1	2.23	2.7	4.88	6.20	1.145510836	1.225250593	0	0	No
GPR1	1.43	1.45	2.19	2.53	1.008230453	1.105603444	0	0	No
LINC00518	4.78	6.51	33.45	36.56	1.299307958	1.090328508	0.256043	0	No
BMP8A	6.34	7.25	3.11	4.12	1.123978202	1.245306967	0	0	No
ALYREF	4.54	5.82	4.26	5.56	1.231046931	1.246720505	0.130114	0.048568	No
RFLNB	0.37	0.34	1.53	1.27	0.97810219	0.898509925	0	0	No
EFHC2	22.47	28.03	47.91	49.69	1.236898168	1.036374592	0.247882	-0.0448006	No
NOG	0.41	0.58	<0.1	NA	1.120567376	NA	0	NA	No
UPP1	0.18	1.23	5.65	6.44	1.889830508	1.118788282	1.99101	0	No
IFNL2	9.07	12.99	28.46	31.16	1.389275074	1.091625667	0.412469	0	No
TRIM52	117.64	124.04	106.50	114.23	1.053944707	1.071952821	0.0185204	0	No
LHFPL6	3.17	3.08	<0.1	NA	0.978417266	NA	0	NA	No
CMTM4	0.49	0.63	<0.1	NA	1.093959732	NA	0	NA	No
TMEM50A	1.25	1.39	2.21	2.67	1.062222222	1.144004812	0	0	No

<i>TBK1</i>	32.33	28.13	110.10	101.21	0.873987399	0.919943208	-0.0711973	-0.18735	No
<i>CBX6</i>	0.73	0.47	2.96	3.26	0.849710983	1.0756456	0	0	No
<i>MACC1</i>	0.55	1.78	<0.1	NA	1.793548387	NA	0.857137	NA	No
<i>TBL3</i>	2.72	5.07	3.54	3.85	1.63172043	1.068414215	0.707224	0	No
<i>ACP7</i>	4.24	6.9	15.78	18.74	1.507633588	1.176291291	0.510626	0	No
<i>KREMEN1</i>	12.83	10.85	15.71	14.62	0.856832972	0.935022177	-0.0426933	-0.118274	No
<i>TRAIP</i>	20.86	21.1	16.74	19.38	1.010978957	1.148625877	0	0	No
<i>CHEK2</i>	3.96	6.15	3.28	3.98	1.441532258	1.163114418	0.333802	0	No
<i>AIFM3</i>	1.32	3.01	27.65	21.99	1.728448276	0.802389908	0.674172	-0.337963	No
<i>B3GALT5</i>	0.36	0.35	57.37	48.10	0.992647059	0.841243003	0	-0.326364	No
<i>ZNF703</i>	0.27	0.67	<0.1	NA	1.31496063	NA	0.602313	NA	No
<i>SLC35F3</i>	15.46	15.9	2.64	2.82	1.02673147	1.049890642	0	0	No
<i>DOCK8-AS1</i>	0.69	0.97	2.56	2.08	1.165680473	0.865894318	0	-0.0751319	No
<i>NP1PA5</i>	0.23	1.14	<0.1	NA	1.739837398	NA	1.40078	NA	No
<i>RBM12B</i>	5.49	5.11	11.03	10.88	0.941448382	0.987157501	0	-0.0685102	No
<i>LIN9</i>	1.49	2.09	1.21	1.15	1.240963855	0.972213607	0.112278	0	No
<i>NCF4-AS1</i>	20.95	27.81	19.86	24.28	1.312528474	1.211811281	0.284089	0.0319987	No
<i>BTBD9</i>	0.94	1.38	0.47	0.13	1.226804124	0.771606806	0.278993	0	No
<i>NUDT14</i>	4.73	4.31	6.50	6.76	0.926701571	1.034998023	-0.0052812	0	No
<i>GPR39</i>	2.13	1.74	14.31	12.98	0.875399361	0.913157428	0	-0.0496996	No
<i>KIRREL1</i>	1.55	1.1	1.15	1.24	0.823529412	1.042173296	0	0	No
<i>IQGAP3</i>	38.03	23.54	2.49	2.10	0.628747118	0.889114242	-0.590734	-0.0865601	No
<i>TOB2</i>	2.77	2.81	3.90	4.87	1.01061008	1.197495087	0	0	No
<i>ARSI</i>	171.39	150.18	46.36	59.07	0.876965021	1.268471213	-0.161461	0.119695	No
<i>TTC32</i>	0.32	1.39	5.34	6.78	1.810606061	1.227608519	0.983926	0	No
<i>DNAH2</i>	27.09	28.11	0.68	0.89	1.036311855	1.126270201	0	0	No
<i>DUSP5P1</i>	0.57	3	<0.1	NA	2.547770701	NA	1.74853	NA	No
<i>HTR7P1</i>	22.44	22.28	23.86	26.48	0.993174061	1.105530395	0	0	No
<i>PRKX</i>	114.9	108.61	941.14	1005.91	0.945729077	1.068751054	-0.0231466	0	No
<i>KMT5A</i>	16.57	17.48	<0.1	NA	1.051792829	NA	0	NA	No
<i>SMTN</i>	8.58	12.88	<0.1	NA	1.448851775	NA	0.440427	NA	No
<i>NPW</i>	1.16	2.04	6.99	7.85	1.407407407	1.10824504	0.383007	0	No
<i>PP2D1</i>	2.67	7.12	0.34	1.05	2.21253406	1.530620435	1.1426	0.546403	No
<i>COA3</i>	7.13	9.7	9.99	7.94	1.316113161	0.813894262	0.193549	-0.421515	No
<i>PTP4A2</i>	33.29	31.77	20.48	23.18	0.955672208	1.125711736	0	0	No
<i>ACTG1</i>	2.94	3.8	10.31	10.31	1.218274112	0.999779162	0.219203	0	No
<i>TMPRSS2</i>	0.58	0.95	<0.1	NA	1.234177215	NA	0.252374	NA	No
<i>DENND5A</i>	2.26	1.79	9.50	12.63	0.855828221	1.298422873	0	0.0154938	No

DIABLO	0.8	10.24	0.70	0.32	6.244444444	0.774382865	2.64562	0	No
VPS33B	5.22	5.16	15.14	15.95	0.990353698	1.050429035	0	0	No
SREBF2-AS1	0.97	1.52	0.15	0.44	1.279187817	1.251730443	0.270298	0	No
UQCR10	9.37	6.28	3.95	3.90	0.702025072	0.990262123	-0.438585	0	No
FAM120C	24.58	25.23	35.41	35.37	1.025410477	0.998798322	0	-0.0229275	No
BRD7P2	0.74	1.48	<0.1	NA	1.425287356	NA	0.170391	NA	No
TRIML1	0.16	2.62	0.42	0.78	3.120689655	1.254496306	2.76006	0	No
EIF3C	304.2	199.58	1224.95	1214.61	0.657208388	0.991565712	-0.566574	-0.0838684	No
NIPSNAP1	0.87	1.32	5.48	5.41	1.240641711	0.989462121	0.179533	0	No
LRTOMT	0.3	1.09	0.54	0.78	1.607692308	1.155263032	0.963958	0	No
KCNQ3	2.58	2.27	2.98	4.05	0.913407821	1.269011057	0	0.114032	No
ADRA2C	1.28	1.41	4.67	4.68	1.057017544	1.002066413	0	0	No
NR2C2AP	115.89	75.55	<0.1	NA	0.654889212	NA	-0.560877	NA	No
C1QTNF12	23.62	23.19	100.22	105.11	0.982534525	1.048358197	0	-0.0098813	No
CRELD2	37.28	30.34	12.80	12.02	0.818704284	0.943710397	-0.162504	-0.095585	No
SCFD2	0.59	0.81	1.15	1.39	1.13836478	1.11155073	0.025828	0	No
UBE2F	1.61	3.08	0.31	0.50	1.563218391	1.14447868	0.676239	0.223112	No
KCNJ12	4.61	4.74	11.05	12.42	1.023172906	1.113572106	0	0	No
PPP1R2	19.59	14.34	97.51	89.86	0.745021855	0.922297797	-0.347947	-0.22198	No
TSPYL2	0.6	1.05	<0.1	NA	1.28125	NA	0.318562	NA	No
PGP	0.98	2.45	0.32	0.45	1.742424242	1.096334319	1.04686	0.123363	No
C22orf46	0.27	0.53	0.41	0.41	1.204724409	0.997674376	0.11783	0	No
SNRNP35	81.56	55.1	47.86	32.64	0.679505814	0.688470449	-0.486204	-0.587591	No
IRAK1	28.04	31.03	64.12	68.36	1.102961433	1.065055726	0.00127421	0	No
CMSS1	6.12	5.5	8.53	10.50	0.912921348	1.206223766	0	-0.0123707	No
OLIG1	0.5	0.31	46.42	50.89	0.873333333	1.094164907	0	0	No
ACOT1	6.51	6.23	17.68	17.19	0.962716378	0.973836995	0	0	No
OAF	0.13	0.27	4.08	3.76	1.123893805	0.936567182	0.476107	-0.151108	No
ALDH1A3	0.2	0.66	<0.1	NA	1.383333333	NA	0.473596	NA	No
H2AC20	2.71	3.27	0.52	0.77	1.150943396	1.161310842	0.0654286	0.0315446	No
POU6F1	13.14	9.64	65.12	50.61	0.752475248	0.780525391	-0.24388	-0.44361	No
TM2D3	2.74	1.9	3.48	3.18	0.77540107	0.933460565	-0.283115	-0.18242	No
TSSC4	0.87	1.22	2.65	3.15	1.187165775	1.135721246	0.0274169	0	No
TACSTD2	0.16	0.11	<0.1	NA	0.956896552	NA	0	NA	No
ZDHHC23	17.38	17.31	<0.1	NA	0.996191513	NA	0	NA	No
RPL23AP82	5.61	9.01	16.06	16.13	1.514372163	1.00385865	0.475785	-0.0199856	No
SRPK3	14.69	10.46	22.29	30.93	0.73040153	1.371088101	-0.362522	0.208315	No
EFNA5	0.18	0.75	12.75	12.38	1.483050847	0.973018596	1.31694	-0.0812301	No

<i>H1-5</i>	12	16.11	<0.1	NA	1.316153846	NA	0.297337	NA	No
<i>SPATA32</i>	1.03	2.57	<0.1	NA	1.75862069	NA	0.753377	NA	No
<i>PKP3</i>	8.38	25.18	<0.1	NA	2.791044776	NA	1.3473	NA	No
<i>MAP7D2</i>	1.47	1.51	3.63	3.96	1.016194332	1.071881444	0	0	No
<i>CSF1</i>	3.4	4.6	<0.1	NA	1.272727273	NA	0.0595531	NA	No
<i>ACTRT3</i>	2.47	3.79	0.35	0.20	1.380403458	0.892117507	0.228055	0	No
<i>PLA2G6</i>	1.06	2.08	7.10	5.23	1.495145631	0.768615502	0.515985	-0.413075	No
<i>MAML2</i>	5.35	9.04	4.91	5.72	1.581102362	1.137733488	0.518227	0	No
<i>SS18L1</i>	1.49	2.26	5.76	4.12	1.309236948	0.757583334	0.144521	-0.408091	No
<i>TOP1MT</i>	15.23	10.58	16.20	17.56	0.71349353	1.078813397	-0.289434	0	No
<i>COPB2</i>	0.85	0.83	1.40	1.78	0.989189189	1.156436418	0	0	No
<i>THAP7</i>	0.97	1.58	<0.1	NA	1.30964467	NA	0.358723	NA	No
<i>AP001062.1</i>	0.62	0.69	<0.1	NA	1.043209877	NA	0	NA	No
<i>KNTC1</i>	82.24	62.76	165.90	142.19	0.765977895	0.857948376	-0.320846	-0.294846	No
<i>CCR10</i>	0.19	0.3	2.40	3.31	1.092436975	1.268974266	0	0	No
<i>NCMAP</i>	0.31	0.49	5.33	5.63	1.13740458	1.047839729	0	0	No
<i>WDR27</i>	3.66	1.65	0.22	0.34	0.568669528	1.096626063	-0.808038	0.0407167	No
<i>TXNRD2</i>	0.83	1.46	7.96	9.33	1.344262295	1.1526321	0.331749	0	No
<i>FOXO4</i>	104.94	88.76	36.84	35.72	0.847272041	0.970511243	-0.182164	-0.122047	No
<i>PTP4A3</i>	42.63	31.41	112.69	103.25	0.742837497	0.91693101	-0.351494	-0.197958	No
<i>TMEM255B</i>	27.57	21.04	112.26	108.63	0.771438572	0.967954117	-0.292506	-0.131688	No
<i>PROS1</i>	0.19	0.25	<0.1	NA	1.050420168	NA	0	NA	No
<i>GAST</i>	88.61	95.69	<0.1	NA	1.079009039	NA	0.0338193	NA	No
<i>HDDC3</i>	2.31	2.18	<0.1	NA	0.960725076	NA	0	NA	No
<i>BEX5</i>	6.28	11.08	6.62	6.85	1.659340659	1.029893611	0.673355	0	No
<i>ZFP1</i>	0.2	0.31	<0.1	NA	1.091666667	NA	0	NA	No
<i>PTGER4P2</i>	0.34	0.41	2.82	3.46	1.052238806	1.166231431	0	0	No
<i>DUSP8</i>	4.42	7.2	19.50	19.58	1.512915129	1.004100822	0.555748	-0.048587	No
<i>SOCS3</i>	2.41	3.86	4.12	3.86	1.425219941	0.949750321	0.355557	-0.0142951	No
<i>LPAR5</i>	2.18	3.19	3.46	3.43	1.317610063	0.992328952	0.318867	0	No
<i>XPOT</i>	0.22	0.1	<0.1	NA	0.901639344	NA	0	NA	No
<i>STING1</i>	4.78	9.57	3.69	4.97	1.828719723	1.27396708	0.696457	0	No
<i>TAF43</i>	4.76	8.24	35.70	43.23	1.604166667	1.205067102	0.25131	0	No
<i>SNN</i>	0.53	0.92	9.24	9.48	1.254901961	1.0232583	0.146128	0	No
<i>SPDYE12P</i>	27.66	15.2	<0.1	NA	0.565247732	NA	-0.740573	NA	No
<i>MED12</i>	1.12	1.69	7.37	4.57	1.268867925	0.665635056	0.248237	-0.119818	No
<i>ZNF93</i>	23.59	22.56	53.98	56.68	0.958113054	1.049122763	0	0	No
<i>SEPTIN9</i>	0.22	0.11	<0.1	NA	0.909836066	NA	0	NA	No

CDCA2	2.5	3.95	<0.1	NA	1.414285714	NA	0.420726	NA	No
OR7E14P	0.47	0.73	3.08	3.36	1.176870748	1.068657338	0.0853338	0	No
AMER1	1.47	2.05	3.52	3.68	1.234817814	1.035575768	0.116403	0	No
ZBTB40	0.39	0.61	1.27	1.26	1.158273381	0.994241289	0	0	No
H2BC21	2.63	2.62	14.60	13.74	0.997245179	0.944918257	0	-0.149354	No
CLDN6	0.32	1.21	1.06	1.20	1.674242424	1.066239431	1.18544	0	No
SEPTIN5	2.02	2.29	24.60	25.87	1.089403974	1.049538564	0	0	No
EIF4ENIF1	0.49	1.1	<0.1	NA	1.409395973	NA	0.613855	NA	No
LRRC26	9.82	12.77	12.04	14.23	1.272643253	1.16763787	0.181323	0	No
RNLS	5.82	7.88	<0.1	NA	1.302052786	NA	0.207396	NA	No
APOBR	9.99	10.84	32.92	35.89	1.077343039	1.087486064	0	0	No
FAM110C	1.6	3.37	5.82	7.70	1.680769231	1.275314803	0.861629	0.176823	No
ATL3	0.72	2.12	2.75	3.86	1.813953488	1.295626918	0.935674	0.0912345	No
NDUFA12	12.16	21.23	25.31	23.77	1.689209726	0.941421186	0.681236	-0.146731	No
SMIM10	0.15	0.44	1.07	1.44	1.252173913	1.179535042	0	0	No
TCTE3	2.02	2.79	1.80	1.87	1.254966887	1.023978823	0.19504	0	No
UBE2G2	2.91	3.54	17.13	16.93	1.16112532	0.989190771	0.0548848	-0.0447112	No
OSBP2	1.14	1.48	0.42	0.51	1.158878505	1.062489218	0	0	No
33GALT5-AS	4.27	6.64	17.17	17.41	1.44971537	1.013105609	0.289087	0	No
APOO	1.07	3.89	0.16	0.90	2.362318841	1.642124241	1.00725	0.722192	No
TMED9	18.02	18.65	46.54	47.37	1.033123028	1.017525292	0	-0.0184956	No
TMEM186	0.99	1.65	10.58	9.81	1.331658291	0.93308216	0.264033	-0.0555163	No
SDR42E1	38.25	53.94	9.03	14.08	1.399745223	1.503137479	0.397688	0.366002	No
RBM33	2	5.48	2.25	2.52	2.16	1.084204203	1.16756	0	No
BTBD6	13.09	12.2	99.01	143.79	0.936834634	1.447759641	0	0.21733	No
H1-10	0.67	1.13	0.73	0.72	1.275449102	0.993321227	0.31471	0	No
RBM43	9.75	11.68	4.66	4.79	1.179534884	1.02344733	0.0411583	0	No
SUMO3	1.38	2.58	3.28	4.08	1.504201681	1.185783081	0.585792	0	No
IMMP2L	2.55	2.15	<0.1	NA	0.887323944	NA	0	NA	No
CLCNKB	3.81	2.39	<0.1	NA	0.704781705	NA	-0.226921	NA	No
JAG2	87.57	98.06	194.38	185.54	1.118437394	0.954772658	0.0726218	-0.106895	No
FMNL1	5.3	15.59	<0.1	NA	2.633333333	NA	1.35195	NA	No
PTRHD1	0.21	0.21	<0.1	NA	1	NA	0	NA	No
LCN12	3.91	6.03	2.91	2.07	1.431771894	0.785399838	0.26099	-0.280084	No
WT1	84.22	97.12	1.80	1.99	1.151372917	1.066390575	0.1517	0	No
ZFP90	2.87	2.69	5.08	6.46	0.953488372	1.227539145	0	0	No
NOC4L	2.87	1.73	<0.1	NA	0.705426357	NA	-0.380633	NA	No
USP18	24.55	27.05	32.74	39.99	1.097847358	1.214808024	0.0157911	0.0408165	No

NDUFA6	12.34	11.62	35.41	38.27	0.946026987	1.078641558	0	0	No
SORCS2	0.75	0.46	<0.1	NA	0.834285714	NA	-0.240242	NA	No
TMEM121	14.88	13.19	23.46	23.42	0.893576826	0.998452433	-0.064743	-0.0461516	No
TMEM106A	7.78	10.67	<0.1	NA	1.329157175	NA	0.245737	NA	No
SIVA1	4.29	4.13	2.80	3.34	0.969754253	1.142356325	0	0	No
BRI3BP	5.57	6.99	12.01	13.63	1.216133942	1.12424285	0.0834089	0	No
IFNE	4.32	6.18	16.04	18.67	1.34962406	1.154286419	0.287711	0	No
DGAT1	1.33	1.26	8.38	9.57	0.969957082	1.12726297	0	0	No
AP3M1	0.46	0.21	<0.1	NA	0.828767123	NA	-0.590248	NA	No
UBOX5	2.58	5.23	12.23	12.50	1.740223464	1.020771576	0.697925	-0.0022492	No
MAFF	5.58	6.03	0.38	0.67	1.068389058	1.210125682	0	0	No
BRF1	0.63	0.56	<0.1	NA	0.957055215	NA	0	NA	No
SEMA4B	0.49	1.41	4.39	4.68	1.617449664	1.053238908	0.460975	0	No
CIB1	2.87	4	9.78	11.43	1.291989664	1.152829699	0.260027	0	No
NELFA	1.78	2.62	11.80	12.03	1.302158273	1.018200491	0.200666	0	No
AC000068.1	0.13	0.22	<0.1	NA	1.079646018	NA	0	NA	No
INTS5	0.8	0.44	2.23	2.38	0.8	1.045451413	-0.395696	0	No
RPS27L	5.64	5.71	30.36	29.82	1.010542169	0.982625857	0	0	No
MANEAL	2.37	1.46	<0.1	NA	0.729970326	NA	-0.242849	NA	No
ADSS1	14.08	14.69	<0.1	NA	1.040450928	NA	0	NA	No
ANO9	26.37	23.92	34.61	37.73	0.910485934	1.087524802	-0.0565413	0	No
FAF1	17.43	23.49	16.64	15.71	1.32881172	0.947045915	0.313474	-0.118241	No
FAM43A	12.7	10.34	<0.1	NA	0.827737226	NA	-0.114661	NA	No
NSMCE3	2.92	4.23	4.39	4.16	1.334183673	0.957843765	0.117514	0	No
HSF1	0.12	1.83	<0.1	NA	2.526785714	NA	3.40904	NA	No
C6orf120	0.14	0.61	4.16	6.79	1.412280702	1.510259791	0	0.326244	No
PURA	1.04	1.54	0.49	0.43	1.245098039	0.959041303	0.0940461	0	No
H2BC13	2.88	3.5	4.58	4.77	1.159793814	1.033577141	0.0430773	0	No
INPP5J	14.26	14.28	<0.1	NA	1.001310616	NA	0	NA	No
LRRC37B	4.7	6.94	8.96	8.62	1.392982456	0.966249823	0.417719	-0.0364601	No
DDX51	0.98	25.15	2.48	2.00	13.20707071	0.863033984	3.87852	0	No
NOMO2	0.17	0.09	1.40	1.58	0.931623932	1.073636501	0	0	No
LINC00482	23.64	20.21	37.28	37.09	0.860795455	0.995124566	-0.0570001	0	No
SIGIRR	30.87	31.92	42.01	44.91	1.032946345	1.067537609	0	0	No
NRBP2	2.4	5.14	<0.1	NA	1.805882353	NA	0.826001	NA	No
IFITM2	3.8	8.6	9.91	8.04	2	0.828935763	1.01619	-0.269102	No
TNFAIP2	0.81	1.19	16.06	16.00	1.209944751	0.99632163	0.137584	-0.0214559	No
ZNF445	0.84	1.04	11.59	11.86	1.108695652	1.021287581	0	0	No

<i>PGBD2</i>	1.25	1.36	<0.1	NA	1.048888889	NA	0	NA	No
<i>TCEAL9</i>	61.9	54.77	72.50	77.50	0.886645469	1.068057497	-0.0310099	0	No
<i>RAB11B</i>	0.41	0.32	0.43	0.55	0.936170213	1.087199327	0	0	No
<i>PRMT3</i>	0.58	0.49	<0.1	NA	0.943037975	NA	0	NA	No
<i>GP1BA</i>	0.13	0.51	<0.1	NA	1.336283186	NA	0.103396	NA	No
<i>PRPF39</i>	6.72	7.86	1.81	2.17	1.147668394	1.12751567	0.0715761	-0.210139	No
<i>PPIL6</i>	40.14	23.54	41.22	38.14	0.596499757	0.927077632	-0.653606	-0.152091	No
<i>ZNF74</i>	0.62	0.95	1.64	2.33	1.203703704	1.25948725	0	-0.119607	No
<i>UBALD2</i>	0.11	0.2	2.61	2.12	1.081081081	0.863491653	0.0885002	-0.250928	No
<i>CDNF</i>	3.21	2.99	4.33	3.98	0.947743468	0.933625927	0	0	No
<i>NOTUM</i>	15.1	22.3	24.62	23.59	1.447204969	0.959705703	0.369335	0	No
<i>CD24P4</i>	1.97	3.45	<0.1	NA	1.498316498	NA	0.297652	NA	No
<i>ZBTB37</i>	15.71	14.37	26.09	28.85	0.919808498	1.101962275	-0.0041742	0	No
<i>IL3RA</i>	4.01	2.89	5.52	5.48	0.776447106	0.994312134	-0.135119	0	No
<i>CCDC137</i>	1.11	1.52	8.23	7.59	1.194312796	0.931111798	0	-0.0161598	No
<i>ARL15</i>	0.92	6.81	<0.1	NA	4.067708333	NA	2.52165	NA	No
<i>CDK10</i>	24.23	34.46	5.35	5.16	1.405469679	0.970136159	0.417244	-0.0473301	No
<i>TMEM105</i>	4.27	15.29	3.80	3.62	3.091081594	0.961806436	1.651	0	No
<i>SOCS1</i>	21.2	21.32	81.26	65.93	1.005405405	0.813602827	0	-0.394977	No
<i>TCN2</i>	4.23	7.93	7.82	9.25	1.707456979	1.161711303	0.706633	0	No
<i>GAS2L1</i>	1.98	1.99	9.40	11.14	1.003355705	1.167341448	0	0	No
<i>ATP6V0A2</i>	109.95	164.09	137.05	118.90	1.487967553	0.86851584	0.529394	-0.307102	No
<i>TEDC1</i>	4.03	4.37	19.60	19.77	1.067594433	1.008492121	0	0	No
<i>HGS</i>	1.48	0.66	48.75	42.07	0.669354839	0.865643752	-0.419225	-0.279334	No
<i>TNFAIP8L1</i>	9.83	11.66	11.35	11.59	1.168975069	1.019148533	0	0	No
<i>RAD51D</i>	62.67	54.02	90.03	89.39	0.864143239	0.992979003	-0.129923	-0.101029	No
<i>MAPK11</i>	101.53	37.81	0.38	0.45	0.378523359	1.051765207	-1.36095	0	No
<i>SP140L</i>	1.73	0.43	<0.1	NA	0.523809524	NA	0	NA	No
<i>MRPL30</i>	0.8	0.87	1.16	0.94	1.038888889	0.896938312	0	0	No
<i>TARS3</i>	1.42	1.36	12.17	13.13	0.975206612	1.072755534	0	0	No
<i>SMYD3</i>	29.13	20.68	20.76	21.30	0.719548623	1.024800822	-0.35739	-0.0073432	No
<i>METTL7A</i>	1060.94	631.1	<0.1	NA	0.595231369	NA	-0.7205	NA	No
<i>IFNLR1</i>	1.29	1.56	1.08	1.78	1.11790393	1.335975644	0	0.175967	No
<i>SH3BGR</i>	2.31	2.95	3.96	4.52	1.193353474	1.112785904	0.0215669	0	No
<i>FAM174B</i>	0.17	0.46	4.44	6.74	1.247863248	1.421979167	0.439823	0.287585	No
<i>ZSWIM9</i>	1.58	1.2	<0.1	NA	0.852713178	NA	-0.0089565	NA	No
<i>KPNA7</i>	0.8	0.6	<0.1	NA	0.888888889	NA	0	NA	No
<i>TMEM179B</i>	0.11	0.08	1.24	1.23	0.972972973	0.994883559	0	0	No

<i>KRT6B</i>	56.12	32.07	0.22	0.16	0.578956583	0.951709894	-0.719388	0	No
<i>PARPBP</i>	0.16	1.3	<0.1	NA	1.982758621	NA	2.03377	NA	No
<i>STAC3</i>	1.92	2.14	0.92	1.45	1.075342466	1.275030708	0	0.064873	No
<i>ROR1</i>	0.68	1.01	9.25	7.45	1.196428571	0.82458735	0.153052	-0.297349	No
<i>SDHAP1</i>	3.09	2.74	1.62	1.62	0.914425428	1.001671589	0	0	No
<i>AC138393.1</i>	6.04	8.84	7.61	8.70	1.397727273	1.126092655	0.369663	0	No
<i>MUC1</i>	6.86	9.96	72.39	70.69	1.394402036	0.976788135	0.386054	-0.121874	No
<i>FAAP100</i>	33.2	29.32	46.74	48.26	0.886549708	1.031905435	-0.11014	-0.0197412	No
<i>IRF7</i>	12.72	15.41	47.77	44.99	1.19606414	0.942906602	0.104015	-0.0689327	No
<i>L3MBTL1</i>	0.26	0.22	<0.1	NA	0.968253968	NA	0	NA	No
<i>BRCC3</i>	3.39	6.83	11.75	14.79	1.783599089	1.238773501	0.857435	0.0437738	No
<i>FAM131C</i>	0.28	0.32	<0.1	NA	1.03125	NA	0	NA	No
<i>LMNTD2</i>	1.07	1.07	14.84	16.40	1	1.098772688	0	0	No
<i>SPATA45</i>	3.61	3.37	38.96	36.65	0.947939262	0.942069579	0	-0.210435	No
<i>NR2F2</i>	2.37	1.68	3.07	3.13	0.795252226	1.014971847	-0.0982927	0	No
<i>TLCD2</i>	24.32	33.77	9.71	12.63	1.373222749	1.272212993	0.351741	0	No
<i>AHNAK2</i>	1.05	1.38	1.65	2.12	1.16097561	1.178217849	0.0122387	0	No
<i>OLFML2A</i>	0.12	0.16	6.92	7.89	1.035714286	1.122303392	0	0	No
<i>SP1</i>	2.91	2.87	23.44	21.83	0.989769821	0.934052148	0	-0.0750387	No
<i>WASH3P</i>	2.34	2.61	<0.1	NA	1.080838323	NA	0	NA	No
<i>MRPL40</i>	1.42	2.61	1.59	1.83	1.491735537	1.091187492	0.463165	0	No
<i>INKA1</i>	0.2	0.71	<0.1	NA	1.425	NA	0	NA	No
<i>PDIA2</i>	3.03	1.79	1.90	1.77	0.692307692	0.956783366	-0.433576	-0.0544263	No
<i>PCGF3</i>	4.3	7.4	6.18	6.47	1.58490566	1.040366257	0.500644	0	No
<i>LMLN</i>	23.7	17.6	50.46	45.01	0.753036437	0.894024123	-0.338863	-0.277058	No
<i>P4HB</i>	5.42	9.37	15.71	15.92	1.615264798	1.012682549	0.558871	-0.0227057	No
<i>PSMD13</i>	0.65	1.75	<0.1	NA	1.666666667	NA	0	NA	No
<i>PBX1</i>	5	5.49	7.48	7.59	1.081666667	1.013411684	0	-0.0346121	No
<i>NDUFA4L2</i>	0.36	1.65	5.80	7.07	1.948529412	1.186233966	1.58422	0	No
<i>AC034236.1</i>	35.89	36.02	<0.1	NA	1.00352399	NA	0	NA	No
<i>ZFP36L1</i>	7.45	11.6	20.00	21.37	1.49112426	1.065064496	0.449991	0	No
<i>UBE2L3</i>	1.36	2.39	<0.1	NA	1.436440678	NA	0.199839	NA	No
<i>BRWD1</i>	1.06	1.16	1.28	1.55	1.048543689	1.120590262	0	0	No
<i>PMEL</i>	2.1	4.04	9.15	11.63	1.625806452	1.244808485	0.727833	0.114087	No
<i>SNAI3</i>	12.6	9.39	<0.1	NA	0.763970588	NA	-0.19775	NA	No
<i>ZBTB3</i>	0.12	26.71	0.11	0.00	24.74107143	0.900900901	6.0092	0	No
<i>EP400P1</i>	0.28	0.22	<0.1	NA	0.953125	NA	0	NA	No
<i>PRAME</i>	4.33	4.71	7.00	8.90	1.071294559	1.236955858	0	0.0398386	No

MYBL1	5.35	4.73	7.05	4.42	0.902362205	0.673889278	0	-0.498351	No
MOSMO	1.21	0.64	0.96	1.54	0.742081448	1.294648536	-0.378168	0.094894	No
DRG1	0.17	1.29	33.39	40.70	1.957264957	1.212567271	1.86908	0.0719748	No
ANKFY1	6.7	4.66	<0.1	NA	0.735064935	NA	-0.290826	NA	No
YTHDF3	8.24	11.93	10.04	11.08	1.399350649	1.093954969	0.407063	0	No
ZNF696	18.72	18.32	76.54	95.14	0.979716024	1.239839846	0	0.0364903	No
SRL	2.85	1.8	5.56	6.59	0.727272727	1.157402689	-0.0590408	0	No
IFIT1	0.69	0.57	2.68	1.91	0.928994083	0.790040014	0	0	No
CXorf38	5.71	5.55	35.30	42.46	0.976154993	1.197316927	0	0.0633647	No
KCNQ5	5.07	7.67	0.15	0.14	1.428336079	0.991910158	0.425571	0	No
ADAMTSL5	0.13	0.28	<0.1	NA	1.132743363	NA	0.211259	NA	No
MORF4L1	6.44	6.05	6.88	7.98	0.947580645	1.139287956	0	0	No
WDR53	285.67	172.52	274.46	268.49	0.605295287	0.978328163	-0.687644	-0.0939221	No
DMWD	5.83	6.15	9.20	7.91	1.046852123	0.873225577	0	-0.167388	No
SLC52A2	1.68	2.92	<0.1	NA	1.462686567	NA	0.586626	NA	No
PIGP	5.46	7.71	9.50	9.84	1.348297214	1.032564916	0.377285	-0.0104609	No
PCYT2	35.07	39	36.22	34.67	1.10895481	0.958482907	0.036684	-0.0732269	No
NAT8L	93.1	95.81	<0.1	NA	1.02879915	NA	0	NA	No
BCAP31	0.34	0.44	1.59	2.52	1.074626866	1.359908711	0	0.410811	No
ARL17A	98.41	89.23	117.67	126.11	0.907655165	1.071154949	-0.0727049	0	No
RPL12P4	0.3	0.39	7.70	7.26	1.069230769	0.94950401	0	0	No
HDHD5-AS1	1.47	4.25	<0.1	NA	2.125506073	NA	1.09964	NA	No
GNB1L	6.43	7.58	42.89	42.96	1.154777927	1.001571214	0.0867188	-0.114831	No
AL035411.1	12.63	11.34	39.81	39.85	0.905355833	1.00108358	0	0	No
DNAH14	0.82	0.62	17.01	15.39	0.89010989	0.909864818	0	-0.187006	No
EVI2B	3.12	5.96	4.25	3.82	1.689320388	0.917867486	0.730965	-0.111299	No
ZNF829	18.82	18.27	40.73	39.20	0.972250252	0.963294761	0	-0.067771	No
THNSL1	6.16	15.38	2.48	3.38	2.287709497	1.257380255	1.04994	0.00162996	No
TRIM69	44.39	50.3	108.37	128.37	1.130204891	1.182898792	0.0425373	0.0322494	No
ATP6VOC	2.45	0.76	0.66	1.19	0.510144928	1.321530555	-1.28279	0	No
IFITM1	2.39	4.66	1.73	3.82	1.669616519	1.765168474	0.521971	0.61757	No
LAMP1	0.9	1.75	2.35	2.95	1.447368421	1.178339654	0.432745	0	No
POMK	40.36	23.78	88.68	82.63	0.599129594	0.932547537	-0.670922	-0.152895	No
KLHDC8B	7.8	9.53	53.02	48.69	1.196590909	0.919753253	0.144056	-0.208519	No
KLHL34	49.03	47.25	71.76	71.85	0.964421347	1.001227767	0	-0.0789914	No
SETD4	3.86	5.56	9.02	9.85	1.349794239	1.082992021	0.316011	0	No
PTCH1	2.88	2.32	1.40	1.53	0.855670103	1.055904707	0	0	No
RTN4RL1	28.66	24.46	2.11	1.84	0.858395145	0.91229518	-0.138556	0	No

<i>CALHM1</i>	5.03	4.95	24.92	23.01	0.986733002	0.926347934	0	-0.156872	No
<i>RNPC3</i>	122.64	98.53	60.22	60.63	0.804998382	1.006637254	-0.229432	-0.106028	No
<i>ZNF267</i>	4.71	5.88	37.89	33.01	1.204903678	0.874504172	0.105946	-0.241426	No
<i>IRS2</i>	0.46	1.17	<0.1	NA	1.48630137	NA	0.433943	NA	No
<i>C7orf61</i>	13.51	16.89	13.72	14.00	1.232942798	1.019234976	0.166225	0	No
<i>BICD2</i>	1.83	2.75	30.59	38.26	1.325088339	1.242730587	0.341045	0.00364247	No
<i>TMLHE</i>	14.1	8.46	3.40	2.85	0.626490066	0.874709586	-0.543536	-0.0886619	No
<i>SDHAP3</i>	2.92	3.51	<0.1	NA	1.150510204	NA	0.0104062	NA	No
<i>RASA3</i>	2.66	3.62	1.02	1.65	1.262295082	1.309915263	0.193549	0.0135608	No
<i>LRCH3</i>	7.12	6.36	33.63	29.63	0.906403941	0.884461923	-0.0099162	-0.248092	No
<i>LEMD1</i>	15.72	23.31	22.69	21.68	1.453947368	0.957402241	0.42528	-0.135191	No
<i>NDUFA13</i>	2.46	3.45	<0.1	NA	1.286127168	NA	0.195262	NA	No
<i>ZNF566</i>	94.11	76.43	136.86	128.11	0.814109978	0.936542739	-0.248396	-0.187093	No
<i>ZNF529</i>	2.89	3.66	21.26	18.08	1.197943445	0.857081819	0	-0.241173	No
<i>MATN1-AS1</i>	2.55	2.47	9.61	10.01	0.977464789	1.03732031	0	0	No
<i>AIDA</i>	0.11	0.88	<0.1	NA	1.693693694	NA	0.00670363	NA	No
<i>C15orf41</i>	2.06	2	0.57	1.16	0.980392157	1.375024521	0	0.601979	No
<i>AC012085.1</i>	0.66	1.23	1.65	1.58	1.343373494	0.973457565	0.424348	0	No
<i>KRT5</i>	3.41	3.8	17.50	16.05	1.088435374	0.921730214	0	-0.16406	No
<i>NBPF6</i>	4.15	4.67	21.24	22.82	1.100970874	1.07088254	0	0.0134728	No
<i>GSAP</i>	0.8	0.75	13.02	13.78	0.972222222	1.053852388	0	0	No
<i>CYP2R1</i>	8.72	9.24	17.99	19.06	1.053497942	1.056542452	0	0	No
<i>ANKRD46</i>	23.63	40.4	14.46	19.78	1.680876979	1.343941649	0.683314	0.230851	No
<i>PIP5K1C</i>	5.58	13.01	89.08	95.92	2.129179331	1.075880384	0.90738	0	No
<i>ZBTB6</i>	492.97	156.62	51.12	60.82	0.319088204	1.186082079	-1.62265	0.0749324	No
<i>C2orf76</i>	0.9	1.59	3.30	3.92	1.363157895	1.143560271	0.580647	0	No
<i>POLR3C</i>	0.73	1.24	4.08	4.87	1.294797688	1.154528117	0.169977	0	No
<i>UBL4B</i>	12.13	13.44	<0.1	NA	1.099771516	NA	0	NA	No
<i>WWOX</i>	71.19	51.57	113.36	97.83	0.728217205	0.864220905	-0.371889	-0.308663	No
<i>CIDECP1</i>	2.71	4.9	6.38	7.80	1.590296496	1.192587469	0.603663	0	No
<i>CCDC84</i>	0.6	1.61	2.85	3.95	1.63125	1.286503779	0.707811	0.0871495	No
<i>BCL9L</i>	3.3	4.72	10.20	11.36	1.330232558	1.10313907	0.264846	0	No
<i>POLR1D</i>	0.26	0.14	<0.1	NA	0.904761905	NA	0	NA	No
<i>KIF18B</i>	3.75	2.72	3.66	3.61	0.783157895	0.990315784	-0.220094	0	No
<i>ZNRF1</i>	77.5	71	144.19	119.93	0.917197452	0.832894204	-0.0271086	-0.281957	No
<i>FFAR4</i>	0.26	3.17	0.60	0.62	3.30952381	1.012320449	2.70799	0	No
<i>SAPCD2</i>	5.28	5.27	<0.1	NA	0.998407643	NA	0	NA	No
<i>EDARADD</i>	0.28	0.43	1.86	1.73	1.1171875	0.953033352	0.172791	0	No

<i>SLC51B</i>	15.73	35.2	37.95	41.40	2.163777645	1.088539646	1.01017	0	No
<i>CYP4F12</i>	0.89	0.76	1.24	0.96	0.931216931	0.875906702	0	0	No
<i>MTARC1</i>	12.52	9.18	58.16	65.38	0.75295858	1.121964857	-0.319154	0	No
<i>SOWAHB</i>	1.41	0.58	4.99	5.01	0.65560166	1.003655343	-0.672292	0	No
<i>BLOC1S4</i>	7.77	12.98	0.32	0.74	1.594070696	1.315724449	0.534868	0.146483	No
<i>ZNF749</i>	5.68	13.13	23.56	28.07	2.115269461	1.183540899	1.02582	0.0244296	No
<i>MRTFB</i>	1.26	1.79	3.58	3.98	1.234513274	1.088006974	0.284958	0	No
<i>ZNF17</i>	6.66	7.96	<0.1	NA	1.169712794	NA	0.0997833	NA	No
<i>KDM4D</i>	18.98	16.26	118.37	117.47	0.863863864	0.992469445	-0.131883	-0.115148	No
<i>TOR3A</i>	3.28	5.05	6.99	6.23	1.413551402	0.905292091	0.411196	-0.157115	No
<i>PPP1CC</i>	1.4	1.82	8.22	9.17	1.175	1.103361118	0.123187	0	No
<i>ZNF555</i>	8.39	7.23	8.16	12.87	0.876464324	1.514528473	0	0.382997	No
<i>MST1P2</i>	0.8	1.03	5.70	7.55	1.127777778	1.276520999	0	0.0718726	No
<i>CA5BP1</i>	3.84	4.55	8.04	8.84	1.146694215	1.088480366	0	0	No
<i>PRELID2</i>	0.66	0.76	<0.1	NA	1.060240964	NA	0	NA	No
<i>BACE1</i>	1.21	0.72	20.47	20.39	0.778280543	0.996052281	-0.27891	0	No
<i>RGS9BP</i>	4.92	3.66	4.82	5.13	0.787162162	1.0538765	-0.163362	0	No
<i>RXRA</i>	0.36	0.57	1.26	0.95	1.154411765	0.864531052	0	-0.312569	No
<i>ANKRD37</i>	9.92	7.12	1.78	2.07	0.743589744	1.104685575	-0.297667	0	No
<i>NUDT17</i>	6.83	5.49	<0.1	NA	0.828863346	NA	-0.0864204	NA	No
<i>ZNF75D</i>	3.04	6.19	<0.1	NA	1.77970297	NA	0.615958	NA	No
<i>KRT26</i>	33.84	38.56	27.80	31.08	1.135476464	1.11380553	0.0393973	0	No
<i>KRT10</i>	0.93	2.06	<0.1	NA	1.585492228	NA	0.519877	NA	No
<i>NKRF</i>	1.83	2.32	6.36	6.41	1.173144876	1.006541512	0	0	No
<i>KPNA4</i>	0.43	0.46	31.83	39.16	1.020979021	1.22338828	0	0	No
<i>KRT3</i>	1.46	1.18	<0.1	NA	0.886178862	NA	0	NA	No
<i>ZNF501</i>	19.42	16.44	5.47	7.68	0.854064643	1.341700152	-0.0987932	0.0326345	No
<i>ZNF197</i>	2.3	2.93	<0.1	NA	1.190909091	NA	0.0252862	NA	No
<i>SPATA12</i>	3.52	19.39	11.52	12.38	4.511061947	1.068311553	2.25402	0	No
<i>RPS23</i>	9.49	10.57	29.02	30.33	1.102955195	1.043557157	0.00653155	-0.0226284	No
<i>BTN3A2</i>	0.34	0.51	1.44	2.16	1.126865672	1.295817126	0.141466	0.139726	No
<i>PCLO</i>	3.06	3.79	10.02	11.01	1.179802956	1.090239112	0	0	No
<i>RGS7BP</i>	2.98	2.24	<0.1	NA	0.814070352	NA	0	NA	No
<i>INSIG1</i>	2.14	2.23	15.00	13.36	1.02866242	0.897753821	0	0	No
<i>C5orf38</i>	0.11	0	0.10	0.00	0.900900901	0.909090909	0	0	No
<i>TMEM222</i>	2.74	2.62	0.51	0.59	0.967914439	1.05057964	0	0	No
<i>ARHGAP30</i>	1.04	1.97	0.91	1.16	1.455882353	1.13298294	0.70463	0.090811	No
<i>SEPTIN10</i>	4.61	11.51	<0.1	NA	2.229946524	NA	1.15534	NA	No

<i>FAM86B1</i>	8.64	8.86	19.36	16.36	1.022821577	0.852525166	0	-0.0009427	No
<i>CYP4F3</i>	12.9	14.19	29.02	28.07	1.092805755	0.968433751	0	0	No
<i>SMYD4</i>	1.19	1.81	<0.1	NA	1.283105023	NA	0	NA	No
<i>FOXD2</i>	6.13	5.91	8.79	9.40	0.96914446	1.062775641	0	0	No
<i>GPATCH8</i>	0.71	1.04	0.89	1.04	1.192982456	1.07855847	0.15843	0	No
<i>CEACAM19</i>	291.34	253.27	805.31	734.96	0.86977492	0.912744551	-0.172898	-0.242397	No
<i>NF2</i>	1.21	1.12	0.21	0.12	0.959276018	0.923920345	0	0	No
<i>SMIM29</i>	0.76	0.42	16.40	9.29	0.806818182	0.591649739	0	-0.712792	No
<i>UBE2H</i>	19.78	11.45	<0.1	NA	0.599133782	NA	-0.319141	NA	No
<i>MIR22HG</i>	64.12	38.6	2.62	4.82	0.608108108	1.60892549	-0.662649	0.545951	No
<i>HPDL</i>	29.11	26.73	41.52	40.09	0.920956493	0.96641334	-0.0172337	-0.133194	No
<i>KTN1-AS1</i>	1.16	1.46	2.03	2.51	1.138888889	1.160053369	0.116729	0.0984564	No
<i>KATNA1</i>	1.71	3.64	0.49	0.49	1.712177122	0.999969628	0.725708	0	No
<i>ARAP1</i>	0.43	1.44	3.54	3.51	1.706293706	0.992342232	0.718882	0	No
<i>KIF24</i>	1.01	1.6	1.18	1.15	1.293532338	0.984575047	0.128139	0	No
<i>PDE2A</i>	1.47	1.39	<0.1	NA	0.967611336	NA	0	NA	No
<i>CARMIL3</i>	0.21	1.66	64.28	86.54	2.198347107	1.340951387	2.07314	0.24769	No
<i>PRR5</i>	2.53	3.44	1.23	1.62	1.257790368	1.173595328	0.206069	0	No
<i>ZFP91</i>	2.22	2.55	<0.1	NA	1.102484472	NA	0	NA	No
<i>C17orf58</i>	29.38	30.95	53.75	57.45	1.051678736	1.067538793	0	0	No
<i>BCDIN3D</i>	4.12	4.99	11.10	12.78	1.169921875	1.138502711	0.140683	0	No
<i>CYP27C1</i>	9.91	12.64	13.84	16.33	1.250229148	1.167534997	0.219245	0	No
<i>LYRM7</i>	4.34	5.85	5.03	5.32	1.282771536	1.048621005	0.23003	0	No
<i>CFAP73</i>	0.15	0.27	<0.1	NA	1.104347826	NA	0	NA	No
<i>BCR</i>	4.51	7.52	0.13	0.45	1.546279492	1.285103302	0.5243	0.849611	No
<i>FSCN2</i>	5.61	4.59	6.80	7.87	0.845688351	1.136701117	-0.0915686	0	No
<i>SPIN4</i>	0.23	0.26	1.40	1.12	1.024390244	0.882930021	0	0	No
<i>ZNF732</i>	5.26	6.64	4.21	4.51	1.220447284	1.056836586	0.0986305	0	No
<i>SPIN2B</i>	16.07	20.11	59.46	58.83	1.236672525	0.989602262	0.222857	-0.0911015	No
<i>HYAL3</i>	13.03	21.6	6.25	7.45	1.610833927	1.165488178	0.526738	0	No
<i>VSIG10L</i>	10.88	13.06	9.34	11.89	1.183501684	1.246679897	0.13014	0.118977	No
<i>ZNF397</i>	99.98	71.95	111.13	108.21	0.722420281	0.973985582	-0.413308	-0.108247	No
<i>ZSCAN30</i>	0.96	1.11	9.59	11.70	1.076530612	1.199090941	0	0	No
<i>TPCN1</i>	17.67	12.77	36.10	32.38	0.737546867	0.899840943	-0.360655	-0.239462	No
<i>KRT16</i>	1.75	2.84	20.93	18.23	1.396363636	0.876752487	0.397665	-0.26412	No
<i>HEXIM1</i>	56.76	82.81	120.85	112.09	1.451004155	0.928130714	0.47125	-0.182051	No
<i>KRT14</i>	0.4	0.66	1.46	2.00	1.185714286	1.218375855	0.100943	0	No
<i>TRABD2A</i>	19.9	16.33	<0.1	NA	0.829186603	NA	0	NA	No

<i>PDZD7</i>	2.46	0.17	<0.1	NA	0.338150289	NA	-1.54611	NA	No
<i>POFUT2</i>	6.3	3.61	14.35	9.55	0.631506849	0.687118882	-0.609202	-0.531595	No
<i>MAPT</i>	4.18	3.17	<0.1	NA	0.805019305	NA	0	NA	No
<i>ERCC6L</i>	0.75	0.82	0.63	0.72	1.04	1.052740277	0	0	No
<i>TMEM17</i>	0.78	0.21	15.98	18.70	0.679775281	1.159964836	-0.298595	0	No
<i>FGF3</i>	0.13	1.03	<0.1	NA	1.796460177	NA	2.18336	NA	No
<i>C1QL4</i>	1.37	1.62	0.79	0.62	1.105485232	0.905336558	0	0	No
<i>RTN4RL2</i>	2.16	2.49	<0.1	NA	1.10443038	NA	0	NA	No
<i>ZDHHC17</i>	53.42	62.26	314.50	291.51	1.162440279	0.927139132	0.0993493	-0.232154	No
<i>ZNF395</i>	88.65	97.76	82.60	81.30	1.101617401	0.984405243	0.0935988	-0.0939927	No
<i>PPARA</i>	1.87	1.98	9.72	8.75	1.038327526	0.909270576	0	-0.0893581	No
<i>FAM183A</i>	7.17	12.37	0.83	1.44	1.636474908	1.330904404	0.541302	0.108933	No
<i>KANK3</i>	0.26	1.51	<0.1	NA	1.992063492	NA	1.67845	NA	No
<i>EMID1</i>	1.22	1.29	5.00	5.10	1.031531532	1.01714398	0	0	No
<i>ESPN</i>	0.59	1.07	1.19	1.12	1.301886792	0.96744544	0.556746	0	No
<i>PTRH1</i>	8.24	5.26	0.31	0.62	0.677489177	1.234841421	-0.420138	0.00768076	No
<i>TMPRSS6</i>	0.28	0.53	<0.1	NA	1.1953125	NA	0	NA	No
<i>TMEM216</i>	1.21	1.31	12.63	15.55	1.045248869	1.214162578	0	0	No
<i>RPS19BP1</i>	1.91	3.31	6.32	6.64	1.481099656	1.043423514	0.507888	0	No
<i>TMEM262</i>	5.05	3.91	61.18	40.41	0.811570248	0.666041736	-0.187849	-0.703961	No
<i>TEAD1</i>	0.23	0.32	1.95	1.27	1.073170732	0.768496353	0	-0.0804252	No
<i>PLCD1</i>	15.09	20.99	9.04	9.72	1.366687383	1.068068401	0.372767	0	No
<i>CCK</i>	1.26	1.25	1.71	1.99	0.995575221	1.103771131	0	0	No
<i>ENTPD5</i>	2.28	2.95	6.96	6.71	1.204268293	0.969099576	0	0	No
<i>MITF</i>	7.24	11.34	18.95	19.30	1.497572816	1.017547234	0.477921	-0.0045478	No
<i>HEATR4</i>	2.69	4.48	4.64	5.25	1.485094851	1.108479066	0.567229	0	No
<i>NAP1L1</i>	12.38	3.64	<0.1	NA	0.346786248	NA	-1.31582	NA	No
<i>CMC1</i>	13.9	11.83	329.98	337.98	0.861073826	1.024181346	-0.0459094	-0.0260046	No
<i>LYPD6</i>	0.39	1.02	1.02	1.08	1.45323741	1.028673707	0.829071	0	No
<i>AKR1C1</i>	1.12	1.49	1.49	1.80	1.174528302	1.124896024	0.0746227	0	No
<i>FOXD3</i>	0.6	0.89	1.33	1.34	1.18125	1.004460629	0	0	No
<i>RNF220</i>	8.8	13.53	7.20	7.91	1.482653061	1.086016384	0.456322	0.0443461	No
<i>SHTN1</i>	1.74	1.78	4.91	5.06	1.01459854	1.024699254	0	0	No
<i>AC092118.1</i>	3.42	4.12	<0.1	NA	1.158371041	NA	0	NA	No
<i>AL162231.1</i>	28.42	26	<0.1	NA	0.917743032	NA	-0.025011	NA	No
<i>TSPYL4</i>	0.48	0.56	<0.1	NA	1.054054054	NA	0	NA	No
<i>MT1X</i>	0.99	0.57	4.44	4.79	0.788944724	1.06425974	-0.377157	0	No
<i>GCNT1</i>	0.91	1.49	3.97	5.13	1.303664921	1.232649778	0.22587	0.0191173	No

<i>SESTD1</i>	1.49	2.45	4.29	5.28	1.385542169	1.187970177	0.38604	0.0203862	No
<i>FNBP1</i>	6.44	7.32	31.48	29.39	1.11827957	0.935582283	0.0250134	-0.150418	No
<i>BCAM</i>	1.85	4.48	1.54	2.05	1.922807018	1.199144534	0.941809	0	No
<i>RSBN1L</i>	2.65	1.34	8.60	9.48	0.64109589	1.091743211	-0.329726	0	No
<i>WDR86</i>	2.59	4.17	12.58	14.47	1.440111421	1.139161653	0.404686	0.00115188	No
<i>EPOR</i>	0.32	0.46	0.20	0.67	1.106060606	1.395726127	0	0.225915	No
<i>TAF9B</i>	3	1.8	8.13	5.44	0.7	0.705281085	-0.40636	-0.450793	No
<i>CHP1</i>	8.4	10.87	<0.1	NA	1.262765957	NA	0.166717	NA	No
<i>C11orf96</i>	2.96	3.73	6.41	7.63	1.194444444	1.164083992	0.0667257	0	No
<i>KCNJ11</i>	27.88	24.8	8.67	10.42	0.893351801	1.181143391	-0.103097	0.0608742	No
<i>CDHR4</i>	7.48	6.58	30.82	30.25	0.893867925	0.98224009	-0.0609638	-0.112304	No
<i>COL4A1</i>	21.11	25.1	37.00	39.20	1.18046133	1.057871611	0.143886	0	No
<i>GJA4</i>	15.31	12.21	3.44	3.43	0.809932557	0.997019695	-0.22587	0	No
<i>PTMA</i>	0.71	1.01	0.28	0.29	1.175438596	1.009784616	0	0	No
<i>HSPA14</i>	59.53	52.01	127.88	96.41	0.875764084	0.755798148	-0.11935	-0.505249	No
<i>SIRT7</i>	0.35	0.48	1.40	2.15	1.096296296	1.31139839	0	0	No
<i>PRR13P5</i>	0.12	0.29	<0.1	NA	1.151785714	NA	0	NA	No
<i>IFT140</i>	2.34	2.59	<0.1	NA	1.074850299	NA	0	NA	No
<i>SBK2</i>	0.56	0.84	<0.1	NA	1.179487179	NA	0.142857	NA	No
<i>TLR5</i>	1.55	2.02	<0.1	NA	1.184313725	NA	0	NA	No
<i>USP7</i>	7.14	15.08	17.89	12.18	1.975429975	0.697630558	0.791768	-0.543183	No
<i>NANOS3</i>	5.33	5.14	1.47	1.36	0.969984202	0.953477012	0	0	No
<i>NHLRC1</i>	1.73	2.04	<0.1	NA	1.113553114	NA	0.036525	NA	No
<i>PLEKHN1</i>	1.29	2.84	1.09	1.43	1.676855895	1.1603313	0.712648	0	No
<i>ZNF385C</i>	0.31	0.78	0.14	0.38	1.358778626	1.207609206	0.389146	0.42068	No
<i>MAGEH1</i>	20.58	23.34	56.62	58.73	1.1278962	1.036562302	0.0509106	0	No
<i>TET3</i>	15.59	19.92	94.36	96.38	1.261000603	1.021184165	0.253637	-0.0601496	No
<i>ZNF286A</i>	0.44	0.54	0.54	0.53	1.069444444	0.993421531	0	0	No
<i>ISG15</i>	0.33	1.79	2.63	2.39	2.097744361	0.934901908	1.48857	0	No
<i>EXD3</i>	8.26	7.63	19.50	19.15	0.931965443	0.982730636	0	0	No
<i>ZKSCAN4</i>	1	1.06	3.11	3.54	1.03	1.104350987	0	0	No
<i>DHRS4L2</i>	1.67	1.42	12.63	14.02	0.906367041	1.101996963	0	0	No
<i>SAMD11</i>	0.68	0.44	0.32	0.49	0.857142857	1.130549202	0	0	No
<i>PERM1</i>	1.47	2.99	2.15	1.31	1.615384615	0.732554025	0.504596	0	No
<i>VMAC</i>	1.71	0.77	5.94	6.25	0.653136531	1.044652764	-0.330559	0	No
<i>TMSB4XP8</i>	1.65	2.3	2.13	2.51	1.245283019	1.121743506	0.179865	0	No
<i>B3GLCT</i>	0.25	0.06	<0.1	NA	0.848	NA	0	NA	No
<i>SPRY4</i>	8.28	5.04	22.99	22.11	0.650862069	0.963472493	-0.420017	-0.104019	No

<i>KRT18P59</i>	4.25	5.42	6.32	7.60	1.222857143	1.175348437	0.114966	0.0075376	No
<i>TRPV2</i>	16.09	19.84	5.44	7.06	1.219426565	1.251504793	0.216737	0.199701	No
<i>TMEM203</i>	0.23	0.35	<0.1	NA	1.097560976	NA	0	NA	No
<i>THSD4</i>	0.49	1.58	<0.1	NA	1.731543624	NA	1.05485	NA	No
<i>DNAJB13</i>	0.66	1.02	3.88	4.81	1.21686747	1.190895749	0.198565	0	No
<i>GABRD</i>	0.29	0.15	<0.1	NA	0.891472868	NA	0	NA	No
<i>TCEA1</i>	104.96	76.25	249.70	279.32	0.729048698	1.118134751	-0.403059	0	No
<i>NHEJ1</i>	3.65	3.53	5.67	6.92	0.974193548	1.188133805	0	0	No
<i>FANCA</i>	0.11	0.34	0.28	0.33	1.207207207	1.037943238	1.10378	0	No
<i>SECISBP2</i>	0.2	0.16	<0.1	NA	0.966666667	NA	0	NA	No
<i>SEMA4D</i>	134.04	70.94	112.89	85.71	0.532731043	0.761352668	-0.858469	-0.491025	No
<i>DNAH17</i>	35.71	21.17	<0.1	NA	0.603922637	NA	-0.601623	NA	No
<i>MCRS1</i>	9.36	11.42	18.57	20.44	1.198841699	1.095371193	0.124453	0	No
<i>FANCM</i>	0.58	1.21	63.03	61.07	1.398734177	0.969449623	0.516695	-0.125483	No
<i>ZNF70</i>	8.85	12.85	<0.1	NA	1.406091371	NA	0.37334	NA	No
<i>CARD9</i>	0.18	0.16	0.13	0.04	0.983050847	0.921896883	0	0	No
<i>PEAR1</i>	7.68	3.45	<0.1	NA	0.512672811	NA	-0.94358	NA	No
<i>ZFP69B</i>	3.82	5.6	4.77	4.79	1.369294606	1.003519884	0.35415	0	No
<i>SOWAHD</i>	0.69	1.43	6.54	5.93	1.437869822	0.919374415	0.368324	-0.133637	No
<i>ZFP69</i>	6.07	6.8	9.85	9.42	1.103253182	0.960445992	0.0258519	-0.109927	No
<i>H1-2</i>	1.4	2.08	1.35	1.72	1.283333333	1.157583629	0.205494	0	No
<i>PLSCR3</i>	13.34	16	9.74	11.06	1.185495119	1.122551975	0.156291	0	No
<i>EIF4EBP1</i>	36.64	13.99	<0.1	NA	0.398246546	NA	-1.21079	NA	No
<i>CCDC157</i>	36.09	30.76	10.11	11.42	0.856295497	1.117677347	-0.155934	0	No
<i>FAM122A</i>	4.15	2.2	0.85	1.02	0.621359223	1.089822785	-0.544455	0	No
<i>PALM3</i>	8.87	12.62	11.15	7.12	1.37993921	0.667986443	0.255998	-0.591949	No
<i>DMBT1</i>	0.23	0.33	0.27	0.27	1.081300813	0.999397158	0	0	No
<i>LDLRAD2</i>	5.71	8.34	10.66	11.15	1.39195231	1.041644231	0.264883	0	No
<i>AC091057.1</i>	15.8	15.79	65.02	75.15	0.999404762	1.153500922	0	0	No
<i>HS6ST1P1</i>	1.59	2.38	2.75	3.36	1.305019305	1.162287169	0.262992	0	No
<i>PMS2CL</i>	0.66	1.1	<0.1	NA	1.265060241	NA	0.298791	NA	No
<i>CYHR1</i>	0.22	0.56	<0.1	NA	1.278688525	NA	0.623492	NA	No
<i>DNER</i>	2.74	3.94	6.42	5.34	1.320855615	0.853826332	0.257172	-0.213065	No
<i>CPSF4L</i>	17.96	18.07	24.52	25.09	1.005801688	1.022396693	0	-0.0802793	No
<i>KLHL17</i>	3.08	3.88	5.35	6.08	1.196078431	1.114384518	0	0	No
<i>RINL</i>	0.25	1.07	0.93	0.96	1.656	1.013146061	1.23691	0	No
<i>TPRG1</i>	1.04	2.45	<0.1	NA	1.691176471	NA	0.845131	NA	No
<i>AC026412.1</i>	0.8	1.42	5.73	7.23	1.344444444	1.22215599	0.392504	0.0577412	No

MORN2	0.9	1.73	<0.1	NA	1.436842105	NA	0.188654	NA	No
MEIS3P2	11.17	13.81	7.71	8.54	1.216926869	1.095674371	0.215969	0	No
S100A3	0.45	0.26	0.77	1.14	0.868965517	1.20860064	0	0	No
UBQLN2	25.75	11.84	3.75	4.60	0.48	1.179670877	-0.986797	0	No
RILPL1	1.14	2.16	<0.1	NA	1.476635514	NA	0.342601	NA	No
ZNF490	2.17	1.01	1.63	2.30	0.634069401	1.256191043	-0.342741	0	No
CLCN1	4.86	8.01	53.28	47.20	1.537542662	0.887922673	0.4021	-0.215797	No
NWD1	1.83	3.02	0.87	0.93	1.4204947	1.030993205	0.348803	0	No
ARL4C	0.27	0.31	3.64	4.89	1.031496063	1.269046554	0	0	No
TMEM221	0.21	0.3	2.41	3.17	1.074380165	1.223757598	0	0.0512892	No
RAB42	9.05	7.84	44.04	43.87	0.87960199	0.99617997	-0.0778588	-0.102069	No
WNT7B	274.25	180.59	<0.1	NA	0.65972752	NA	-0.555546	NA	No
C11orf95	34.3	50.08	12.13	16.60	1.447025496	1.340456908	0.455777	0.218768	No
SCGB1C1	14.86	111.77	<0.1	NA	7.110340479	NA	2.76845	NA	No
PLA2G4E	0.15	0.36	0.63	0.35	1.182608696	0.826346765	0.495803	-0.189362	No
GPR89B	0.25	0.74	36.47	32.62	1.392	0.897126018	0.86398	-0.22329	No
MESP2	7.94	5.06	6.53	6.65	0.677852349	1.015517416	-0.467314	0	No
C6orf132	1.83	3.28	2.25	2.95	1.512367491	1.215776868	0.497977	0.0370646	No
MAPK12	0.64	0.25	0.56	0.90	0.762195122	1.217149583	-0.293647	0	No
NUTM2G	0.57	2.76	0.90	2.07	2.394904459	1.615742371	1.51164	0.720493	No
COL4A5	5.28	4.48	6.69	6.92	0.872611465	1.030199544	0	0	No
AGRN	0.41	0.72	4.13	5.19	1.219858156	1.207430576	0.31762	0	No
NHS	2.63	2.82	6.19	4.61	1.052341598	0.780189103	0	-0.404207	No
FAM166A	0.38	0.57	<0.1	NA	1.137681159	NA	0	NA	No
TMPPE	1.25	2.53	0.65	0.91	1.568888889	1.159336094	0.570522	0	No
SMTNL2	0.72	1.19	2.12	2.39	1.273255814	1.085015523	0.207082	0	No
ZC3H6	7.74	5.66	3.74	3.06	0.76201373	0.855513826	-0.287965	-0.1379	No
LINC00265	0.13	0.07	11.48	9.93	0.946902655	0.875586232	0	-0.0161989	No
LAMTOR4	12.55	8.65	5.31	6.90	0.712177122	1.251410421	-0.273524	0	No
PRKAR1B	24.57	24.16	42.07	45.74	0.983965585	1.085135529	0	0	No
NCR3LG1	0.19	0.15	0.30	0.20	0.966386555	0.92213131	0	0	No
DCUN1D3	5	7.49	1.81	1.97	1.415	1.055908817	0.445028	0	No
ZNF793	1.64	2.7	1.05	0.92	1.401515152	0.936593623	0.341672	0	No
TUBB4B	1.44	1.61	3.97	3.88	1.069672131	0.981092295	0	0	No
AGAP4	2.18	3.63	1.41	1.31	1.455974843	0.958689537	0.486532	0	No
PP7080	0.19	0.55	<0.1	NA	1.302521008	NA	0.51601	NA	No
COMMD6	8.28	7.08	87.40	89.38	0.870689655	1.022354698	-0.129566	-0.0408036	No
HYKK	1.62	1.17	53.96	56.34	0.828244275	1.043307934	-0.177928	0	No

<i>C15orf62</i>	3.54	4.53	0.59	0.73	1.218061674	1.089466589	0.110996	0	No
<i>ZNF383</i>	2.32	2.53	2.31	4.39	1.063253012	1.62873633	0	0.57665	No
<i>HES4</i>	0.86	0.6	1.79	1.89	0.860215054	1.037514488	0	0	No
<i>IGFL1</i>	12.35	11.42	46.93	44.33	0.930337079	0.945670745	-0.0112183	-0.0861239	No
<i>ZNF669</i>	1.41	2.65	3.72	5.05	1.514522822	1.281697838	0.63179	0.149587	No
<i>LRRIQ4</i>	0.15	0.53	<0.1	NA	1.330434783	NA	0	NA	No
<i>CENPP</i>	0.2	1.08	<0.1	NA	1.733333333	NA	0.778588	NA	No
<i>PLSCR1</i>	7.31	7.08	3.11	4.25	0.972322503	1.277294427	0	0.108816	No
<i>C3orf62</i>	22.72	8.26	36.65	43.71	0.390387858	1.187408719	-1.22166	0	No
<i>ZNF559</i>	0.62	0.58	3.08	3.13	0.975308642	1.011281938	0	0	No
<i>SBK1</i>	1.73	1.65	1.55	1.71	0.970695971	1.062544676	0	0	No
<i>SLC38A3</i>	10.66	13.4	10.34	10.01	1.234991424	0.970742854	0.20602	-0.0628653	No
<i>GTF2F2</i>	20.72	18.37	2.94	3.75	0.891804788	1.206155645	-0.0627218	0	No
<i>CIBAR1</i>	2.17	2.7	9.34	9.78	1.167192429	1.042745433	0.048872	0	No
<i>FOCAD</i>	0.71	0.96	0.46	0.34	1.14619883	0.916732567	0	0	No
<i>PRR19</i>	8.05	13.92	4.44	7.13	1.648618785	1.495250125	0.582325	0.312973	No
<i>ZP3</i>	0.11	0.7	5.15	2.99	1.531531532	0.648576427	0.694771	-0.529136	No
<i>H3-5</i>	0.32	0.22	0.36	0.34	0.924242424	0.987583833	0	0	No
<i>GPAT2P2</i>	0.13	0.27	<0.1	NA	1.123893805	NA	0	NA	No
<i>JAKMIP3</i>	2.91	6.61	1.81	1.35	1.94629156	0.837293535	1.03902	-0.237504	No
<i>TCTEX1D4</i>	0.12	0.4	<0.1	NA	1.25	NA	0	NA	No
<i>SELL</i>	250.6	156.61	2367.56	2009.99	0.626430843	0.849035036	-0.635266	-0.376351	No
<i>CHM</i>	5.6	7.09	15.41	16.58	1.225757576	1.071334756	0.0630373	0	No
<i>BLOC1S5</i>	10.82	11.49	66.52	69.43	1.056683587	1.043164636	0	0	No
<i>IER5L</i>	3.27	4.95	<0.1	NA	1.393442623	NA	0	NA	No
<i>H2AX</i>	2.28	0.95	2.39	2.01	0.594512195	0.887651518	-0.930307	-0.0591697	No
<i>SERPINA5</i>	0.14	1.16	<0.1	NA	1.894736842	NA	1.37924	NA	No
<i>C19orf54</i>	0.5	0.41	0.13	0.10	0.94	0.969382729	0	0	No
<i>NCCRP1</i>	8.89	12.5	25.39	26.45	1.365015167	1.04016333	0.376122	-0.0227565	No
<i>KRTDAP</i>	1.35	3.68	<0.1	NA	1.991489362	NA	0.669285	NA	No
<i>FAM83G</i>	1.91	3.24	<0.1	NA	1.457044674	NA	0.293479	NA	No
<i>SRSF10</i>	4.17	4.02	<0.1	NA	0.97098646	NA	0	NA	No
<i>DUSP28</i>	0.85	1.24	0.14	0.22	1.210810811	1.066329542	0.065858	0	No
<i>CCDC9B</i>	5.12	3.04	4.31	5.02	0.660130719	1.133665927	-0.287047	0	No
<i>NBR1</i>	2.07	3.16	9.56	9.84	1.35504886	1.026526382	0.415548	-0.033601	No
<i>RALGAPA2</i>	0.67	0.93	1.74	2.41	1.155688623	1.243155597	0	0.147306	No
<i>NDOR1</i>	5.05	2.15	6.90	5.38	0.520661157	0.808011015	-1.00199	-0.252487	No
<i>PAQR9</i>	0.78	1.06	0.81	0.98	1.157303371	1.092222034	0	0	No

<i>NPIPP1</i>	4.5	5.5	14.33	15.41	1.181818182	1.070513799	0	0	No
<i>FAM72B</i>	0.31	0.56	0.30	0.40	1.190839695	1.075750255	0.0316695	0	No
<i>SUMO2</i>	0.19	0.14	<0.1	NA	0.957983193	NA	0	NA	No
<i>NANOS1</i>	1.22	3.79	2.74	3.02	2.157657658	1.073944841	1.10459	0	No
<i>HMX3</i>	2.4	2.74	1.43	1.90	1.1	1.191881301	0	0	No
<i>RTL6</i>	2.88	6.85	1.81	2.55	2.023195876	1.264879016	1.03858	0.128424	No
<i>DPYD</i>	0.18	0.1	<0.1	NA	0.93220339	NA	0	NA	No
<i>S100A16</i>	0.24	2.91	32.44	31.84	3.153225806	0.982044125	2.73566	-0.0428772	No
<i>PTAR1</i>	52.67	46.75	42.42	32.93	0.889696292	0.781472901	-0.0475606	-0.414891	No
<i>SAXO2</i>	2.71	2.1	0.17	0.20	0.835579515	1.025909333	-0.191028	0	No
<i>RHCE</i>	0.12	0.02	0.47	0.62	0.910714286	1.104893205	0	0	No
<i>PARVB</i>	1.11	0.08	0.19	0.08	0.511848341	0.906976274	-2.41002	0	No
<i>TEKT4P2</i>	29.52	35.2	23.96	22.52	1.186107471	0.942417382	0.160659	-0.115167	No
<i>UROS</i>	0.37	0.38	4.01	5.01	1.00729927	1.199337614	0	0	No
<i>ZDHHC9</i>	5.29	8.25	29.56	34.94	1.470588235	1.176103925	0.502701	0.0376949	No
<i>ZBED6CL</i>	3.22	4.44	11.76	12.85	1.289099526	1.085072258	0.282142	0	No
<i>QRFP</i>	0.2	0.37	0.22	0.30	1.141666667	1.068900398	0.351788	0.0390032	No
<i>SMIM15</i>	20.21	17.96	17.73	16.58	0.893917963	0.938507896	-0.0310128	-0.0652374	No
<i>FAM221A</i>	0.83	1.03	1.80	2.20	1.109289617	1.143071387	0	0	No
<i>TMEM120B</i>	0.54	0.65	1.29	1.34	1.071428571	1.022890637	0	0	No
<i>RBM34</i>	1.11	4.39	86.83	89.52	2.55450237	1.03065757	1.66891	-0.0324244	No
<i>NOXA1</i>	4.07	23.43	0.18	0.19	4.818540434	1.006976008	2.34858	0	No
<i>TMEM198</i>	0.25	0.79	12.00	13.48	1.432	1.113785985	0.480426	0	No
<i>FZD9</i>	0.63	2.35	15.87	14.50	2.055214724	0.918643152	1.0513	-0.135703	No
<i>ZNF548</i>	1.01	1.97	45.93	47.16	1.47761194	1.026239302	0.432745	0	No
<i>MTF1</i>	18.5	95.99	<0.1	NA	4.973846154	NA	2.14591	NA	No
<i>TMEM201</i>	0.58	0.81	7.26	6.22	1.14556962	0.874372928	0	-0.140774	No
<i>NHLRC3</i>	87.84	67.72	371.40	288.67	0.773525439	0.777835574	-0.241736	-0.453692	No
<i>HMX2</i>	0.47	0.64	2.38	1.71	1.115646259	0.802197338	0	-0.294307	No
<i>ZDHHC11</i>	2.15	3.29	8.85	8.51	1.361904762	0.965832327	0.326126	-0.0708872	No
<i>LINC00910</i>	1.05	3.82	<0.1	NA	2.351219512	NA	1.35556	NA	No
<i>SLX4</i>	0.12	0.34	<0.1	NA	1.196428571	NA	0.0948829	NA	No
<i>ENTPD8</i>	0.8	1.28	<0.1	NA	1.266666667	NA	0.218666	NA	No
<i>RPL14</i>	0.91	0.61	<0.1	NA	0.842931937	NA	0	NA	No
<i>RPSAP47</i>	2.91	3.66	3.28	2.64	1.191815857	0.849305383	0.0236598	-0.113153	No
<i>ZNF563</i>	22.56	22.59	48.88	43.45	1.001273345	0.891149989	0	-0.169643	No
<i>FBF1</i>	0.22	0.98	<0.1	NA	1.62295082	NA	1.25853	NA	No
<i>KLRG2</i>	0.14	0.84	1.27	3.15	1.614035088	1.826397671	0.628023	0	No

<i>MSL1</i>	13.12	8.85	23.72	23.42	0.697592068	0.987797401	-0.385043	0	No
<i>AC099489.1</i>	1.6	2.33	12.50	9.98	1.280769231	0.813148873	0.149483	-0.318517	No
<i>GJB3</i>	0.45	0.32	<0.1	NA	0.910344828	NA	0	NA	No
<i>TRMT2B</i>	11.24	13.54	<0.1	NA	1.187908497	NA	0.0986048	NA	No
<i>CFAP126</i>	3.88	5.21	4.23	3.64	1.272540984	0.887106952	0	0	No
<i>USP32P1</i>	0.6	0.5	<0.1	NA	0.9375	NA	0	NA	No
<i>FAM120AOS</i>	7.02	5.55	8.80	10.11	0.816708229	1.133528339	-0.124844	0	No
<i>UTS2B</i>	1.66	1.99	0.20	0.33	1.12406015	1.108057069	0	0	No
<i>C9orf152</i>	0.14	0.39	0.76	1.18	1.219298246	1.24143838	0.565631	0.246647	No
<i>NOC2L</i>	0.71	0.88	<0.1	NA	1.099415205	NA	0	NA	No
<i>DHFRP1</i>	0.71	2.39	<0.1	NA	1.98245614	NA	1.39969	NA	No
<i>NELFB</i>	8.23	7.53	0.59	0.63	0.924160347	1.028074411	0	0	No
<i>ZNF292</i>	1.02	0.97	0.83	0.82	0.975247525	0.993075766	0	0	No
<i>KCTD21</i>	1.7	14.95	<0.1	NA	5.907407407	NA	2.7178	NA	No
<i>SBSN</i>	26.26	28.2	1.31	1.26	1.071166544	0.978823282	0.00983075	0	No
<i>ADAT2</i>	5.6	6.82	11.13	10.96	1.184848485	0.985769689	0.103868	-0.0513953	No
<i>ZNF567</i>	0.25	0	<0.1	NA	0.8	NA	0	NA	No
<i>NDUFA4</i>	0.4	0.28	<0.1	NA	0.914285714	NA	0	NA	No
<i>ALKBH2</i>	0.55	0.39	2.43	2.89	0.896774194	1.132870203	0	0	No
<i>RNFT1</i>	3.58	9.59	1.12	1.99	2.312227074	1.410343363	1.06851	0.122159	No
<i>RNF222</i>	23.3	23.75	<0.1	NA	1.018518519	NA	0	NA	No
<i>CGB5</i>	2.4	2.67	55.24	56.51	1.079411765	1.02266736	0	-0.0149893	No
<i>FAM111B</i>	0.16	0.27	0.39	0.39	1.094827586	0.998742568	0	0	No
<i>APOD</i>	3.16	2.11	2.01	2.15	0.747596154	1.046137031	-0.381555	0	No
<i>H1-O</i>	112.77	74.31	68.53	63.97	0.661949547	0.934485983	-0.566363	-0.174794	No
<i>LITAF</i>	0.43	0.69	0.24	0.29	1.181818182	1.043657002	0.210529	0	No
<i>VSTM1</i>	0.18	0.06	9.31	13.74	0.898305085	1.429757903	0	0	No
<i>TMEM120A</i>	0.71	0.63	2.30	2.86	0.953216374	1.168961477	0	0	No
<i>ARID2</i>	0.22	0.56	<0.1	NA	1.278688525	NA	0	NA	No
<i>FAM25G</i>	0.37	0.35	0.74	0.59	0.98540146	0.914322053	0	-0.153104	No
<i>SF3B3</i>	0.51	0.66	1.79	1.57	1.099337748	0.920029227	0	-0.176933	No
<i>IL1RAPL2</i>	23.83	20.91	118.44	113.99	0.882400322	0.96276833	-0.0218262	-0.121659	No
<i>BLOC1S3</i>	5.54	7.38	9.20	10.28	1.281345566	1.105947409	0.210135	0	No
<i>SP6</i>	0.32	0.64	9.95	11.08	1.242424242	1.103454019	0.338108	0	No
<i>ANKRD34B</i>	2.9	2.31	0.77	0.78	0.848717949	1.006026601	-0.0572354	0	No
<i>CLDN4</i>	0.3	0.46	<0.1	NA	1.123076923	NA	0.0756395	NA	No
<i>CRYM-AS1</i>	545.93	493.82	320.66	287.24	0.904722725	0.896105457	-0.110973	-0.242435	No
<i>JPT1</i>	2.55	2.31	3.54	3.97	0.932394366	1.095517293	0	0	No

ZNF527	0.48	0.37	26.43	26.51	0.925675676	1.002852142	0	0	No
ZAR1L	4.32	4.72	11.90	12.00	1.07518797	1.007392353	0	0	No
S100A13	0.43	0.49	<0.1	NA	1.041958042	NA	0	NA	No
ZNF33A	0.82	2.03	1.45	1.45	1.664835165	1.000624182	0.66722	0	No
ZNF600	0.3	0.55	2.70	2.10	1.192307692	0.83856712	0.284028	0	No
BTBD8	67.9	68.54	9.71	10.69	1.009288824	1.091213205	0	0	No
MAOA	0.89	15.08	<0.1	NA	8.507936508	NA	3.12358	NA	No
PAX8-AS1	0.46	1.46	5.76	6.58	1.684931507	1.121170042	0.748723	0	No
C15orf61	0.18	0.2	<0.1	NA	1.016949153	NA	0	NA	No
TSPYL1	0.65	0.78	2.58	2.50	1.078787879	0.976656208	0	0	No
PNRC2	0.76	0.76	1.99	2.91	1	1.306256368	0	0.129112	No
GJB5	0.9	3.79	2.05	2.55	2.521052632	1.163827342	1.73153	0	No
FHIT	0.63	0.93	0.30	0.23	1.18404908	0.949574997	0.0021322	0	No
ALKAL2	0.2	0.46	<0.1	NA	1.216666667	NA	0.137032	NA	No
ZKSCAN3	7.93	7.59	13.62	14.32	0.961926092	1.048121	0	0	No
RRP7A	0.84	0.96	<0.1	NA	1.065217391	NA	0	NA	No
LIN54	1.89	1.7	6.18	6.48	0.934256055	1.04143803	0	0	No
FAM53B	0.62	3.98	7.26	6.12	3.074074074	0.861929702	2.03023	-0.0845013	No
S100A14	15.42	12.47	0.14	0.10	0.820341048	0.967855598	-0.126253	0	No
KAZN	0.19	0.62	<0.1	NA	1.361344538	NA	0	NA	No
SLC35E2B	0.31	0.62	<0.1	NA	1.236641221	NA	0	NA	No
RPS2P46	0.36	0.7	<0.1	NA	1.25	NA	0.562039	NA	No
NEMP2	0.47	3.07	<0.1	NA	2.768707483	NA	1.61625	NA	No
ALG1L	1	0.43	<0.1	NA	0.715	NA	-0.3717	NA	No
C8orf76	1.92	2.16	3.06	3.53	1.082191781	1.114564067	0	0	No
CXCL17	4.02	4.47	1.72	1.73	1.089641434	1.005337741	0	0	No
HMGB1	29.89	20.14	12.96	12.32	0.684363872	0.953984413	-0.43384	-0.101597	No
SH2D5	205.52	173.2	<0.1	NA	0.84350184	NA	-0.183918	NA	No
GJB4	3.55	4.74	<0.1	NA	1.261538462	NA	0.137038	NA	No
BLOC1S2	6.1	5.95	18.86	14.88	0.978873239	0.799561084	0	-0.361895	No
SYCP2	7.39	47.37	<0.1	NA	5.765196663	NA	2.46318	NA	No
ZNF724	0.32	0.16	<0.1	NA	0.878787879	NA	0	NA	No
IL1RAP	10.73	14.19	5.72	5.70	1.294970162	0.996484356	0.290745	0	No
SPAG16-DT	4.55	5.69	18.62	20.89	1.205405405	1.115745326	0.180654	0	No
ZNF699	0.54	0.35	4.73	4.84	0.876623377	1.019738656	0	0	No
TDRD7	18.69	24.42	<0.1	NA	1.291010665	NA	0.298947	NA	No
CCDC189	15.96	18.24	9.92	11.65	1.134433962	1.158212908	0.101093	0	No
KIAA0895L	1.12	1.08	2.69	3.02	0.981132075	1.088808808	0	0	No

<i>HLA-DRB1</i>	16.78	18.51	33.39	34.72	1.097300337	1.038774427	0	-0.0343325	No
<i>SERPINA3</i>	0.11	0.02	<0.1	NA	0.918918919	NA	-0.561432	NA	No
<i>AKR1C3</i>	1.08	1.49	<0.1	NA	1.197115385	NA	0	NA	No
<i>SPATS2L</i>	10.08	9.12	19.49	20.96	0.913357401	1.071881763	0	0	No
<i>ZNF250</i>	81.55	64.48	129.72	138.67	0.793216233	1.068463911	-0.268065	0	No
<i>WDSUB1</i>	1.57	10.66	2.66	2.53	4.536964981	0.96432197	2.43515	0	No
<i>ZNF79</i>	1.01	3.26	20.53	16.11	2.119402985	0.794655847	1.16919	-0.27701	No
<i>S100A4</i>	9.9	8.81	<0.1	NA	0.9	NA	-0.0147944	NA	No
<i>PLEKHG4</i>	9.93	3.31	6.02	6.48	0.394327539	1.065031189	-1.40063	0	No
<i>COLCA1</i>	1.4	2.09	3.49	4.87	1.2875	1.306294983	0.337275	0.198577	No
<i>ZNF681</i>	0.14	0.12	<0.1	NA	0.98245614	NA	0	NA	No
<i>ACADSB</i>	0.86	1.27	0.41	0.47	1.220430108	1.043789066	0	0	No
<i>STK40</i>	2.94	4.1	31.81	28.48	1.294416244	0.898425572	0.263105	-0.120142	No
<i>TMEM63A</i>	2.27	0.79	0.38	0.73	0.547400612	1.2504209	-0.86983	0	No
<i>CTSE</i>	4.44	6.51	35.39	34.35	1.380514706	0.971405785	0.395352	-0.0256533	No
<i>SEMA4A</i>	16.68	16.54	3.13	2.96	0.992081448	0.95923398	0	-0.0970253	No
<i>HRCT1</i>	3.21	6.72	<0.1	NA	1.833729216	NA	0.833414	NA	No
<i>MPHOSPH8</i>	10.83	11.35	10.71	12.68	1.043956044	1.168002267	0	0	No
<i>RNF216P1</i>	0.76	0.55	1.55	1.85	0.880681818	1.11633096	0	0	No
<i>EEF1A1P5</i>	3.99	4.22	2.76	2.89	1.046092184	1.033626716	0	0	No
<i>SIRPB2</i>	0.47	1.11	31.99	35.15	1.43537415	1.095790428	0.453624	0	No
<i>ZNF766</i>	20.9	14	7.71	7.95	0.684931507	1.027090616	-0.371344	-0.0024305	No
<i>RYR1</i>	1.56	2.2	4.16	3.55	1.25	0.881238572	0	-0.217307	No
<i>SRGAP3</i>	1.05	4.17	3.73	4.30	2.52195122	1.120930718	1.44408	0	No
<i>FAM217B</i>	1.35	2.46	2.12	3.01	1.472340426	1.284738354	0.52948	0.195281	No
<i>TUBB</i>	2.17	3.02	5.93	6.53	1.268138801	1.086552968	0.234769	0	No
<i>LCOR</i>	3.93	6.87	13.91	13.44	1.596348884	0.968538464	0.620695	-0.0826894	No
<i>SUPT5H</i>	1.98	2.53	3.12	4.83	1.184563758	1.413855171	0.0671868	0.20309	No
<i>XPNPEP3</i>	0.95	3.02	3.03	2.38	2.061538462	0.837588296	0.96026	-0.183192	No
<i>ZNF107</i>	0.18	0.68	2.25	2.30	1.423728814	1.016643886	1.1807	0	No
<i>PPIA</i>	0.38	0.77	0.80	1.03	1.282608696	1.125808953	0.562245	0	No
<i>ZNF471</i>	2.31	2.57	9.79	11.91	1.078549849	1.196154229	0	0.0529455	No
<i>ZNF836</i>	0.4	2.6	<0.1	NA	2.571428571	NA	1.94727	NA	No
<i>Metazoa_SRF</i>	40.57	25.66	417.74	415.43	0.641327881	0.994471886	-0.594523	-0.0830963	No
<i>SUPT3H</i>	26.49	19.36	<0.1	NA	0.740632957	NA	-0.206341	NA	No
<i>NIF3L1</i>	0.73	2.23	<0.1	NA	1.867052023	NA	0.996363	NA	No
<i>GARS1-DT</i>	2.24	3.26	10.57	11.75	1.314814815	1.102238273	0.282773	0	No
<i>ATP2A1</i>	5.08	9.8	0.73	0.30	1.776315789	0.749486245	0.660431	-0.41135	No

<i>IARS1</i>	11.23	12.47	53.02	48.05	1.101390025	0.907945858	0.0360972	-0.129223	No
<i>MFSD14C</i>	0.28	1.14	<0.1	NA	1.671875	NA	1.58012	NA	No
<i>POM121</i>	69.33	52.38	<0.1	NA	0.758993317	NA	-0.31197	NA	No
<i>ZBTB44</i>	5.93	7.11	5.43	6.28	1.17027417	1.132222868	0.047354	0	No
<i>STK31</i>	17.27	11.45	7.48	10.53	0.681444992	1.359433146	-0.257314	0	No
<i>CGB7</i>	0.29	0.58	<0.1	NA	1.224806202	NA	0.369947	NA	No
<i>NLGN3</i>	4.93	9.5	10.11	11.19	1.770657673	1.097141761	0.81078	-0.237692	No
<i>ZKSCAN7</i>	0.15	0.4	<0.1	NA	1.217391304	NA	0	NA	No
<i>CD55</i>	34.78	34.97	75.81	76.15	1.005310229	1.004377251	0	-0.0568656	No
<i>ZNF565</i>	26.2	34.58	<0.1	NA	1.308088235	NA	0.131847	NA	No
<i>WDR5</i>	91.66	75.6	71.55	63.38	0.826678178	0.88744504	-0.202325	-0.2417	No
<i>PRSS29P</i>	0.56	1.64	4.44	4.76	1.692307692	1.059016606	1.24804	0	No
<i>LONP1</i>	1.29	1.71	2.09	2.16	1.183406114	1.021697537	0	0	No
<i>C9orf163</i>	0.22	6.99	<0.1	NA	6.549180328	NA	3.61968	NA	No
<i>TRRAP</i>	0.53	0.76	1.76	2.30	1.150326797	1.194992674	0.0198198	0	No
<i>SRGAP2B</i>	1.26	2.55	2.22	2.02	1.57079646	0.93712966	0.637115	0	No
<i>FUT4</i>	28.9	29.24	34.32	36.49	1.011371237	1.06157974	0	0	No
<i>ASB13</i>	6.16	7	8.07	9.22	1.117318436	1.127323093	0	0	No
<i>ZNF34</i>	1.51	2.29	9.33	12.42	1.310756972	1.298977376	0.164	0.0823358	No
<i>ZNF140</i>	0.49	0.82	<0.1	NA	1.22147651	NA	0	NA	No
<i>INCA1</i>	5.86	14.76	0.64	1.63	2.297376093	1.60277937	1.13902	0.73263	No
<i>ZNF774</i>	83.91	76.82	<0.1	NA	0.916499823	NA	-0.0473541	NA	No
<i>PTPN1</i>	44.05	33.13	31.83	32.63	0.757602664	1.024343111	-0.331864	0	No
<i>EVL</i>	0.11	1.22	<0.1	NA	2	NA	1.35377	NA	No
<i>THEM5</i>	10.18	10.92	13.28	14.70	1.066189624	1.099561288	0	0	No
<i>EPHB4</i>	1.76	2.39	4.70	5.34	1.22826087	1.112873198	0.219162	0	No
<i>ZNF765</i>	0.11	0.69	<0.1	NA	1.522522523	NA	0	NA	No
<i>ZNF124</i>	13.51	16.77	21.11	24.41	1.22467264	1.14907723	0.23152	0.0255775	No
<i>XRCC6</i>	0.11	0.03	<0.1	NA	0.927927928	NA	0	NA	No
<i>S100A5</i>	4.8	7.81	11.62	11.35	1.518965517	0.978365445	0.459181	-0.0262335	No
<i>C20orf204</i>	32.79	19.74	<0.1	NA	0.613791062	NA	-0.62264	NA	No
<i>PPP1R26</i>	0.24	0.32	0.14	0.08	1.064516129	0.945253304	0	0	No
<i>NBPF4</i>	0.16	0.23	0.36	0.20	1.060344828	0.881449046	0	-0.201346	No
<i>TSC22D2</i>	37.1	55.47	<0.1	NA	1.482152231	NA	0.490954	NA	No
<i>ZNF569</i>	0.17	0.52	0.44	0.66	1.299145299	1.149427455	0.808657	0.138129	No
<i>ARMCX4</i>	0.24	0.03	0.14	0.05	0.830645161	0.917661004	0	0	No
<i>YRDC</i>	2.98	2.66	2.52	2.49	0.91959799	0.992539282	0	0	No
<i>ZNF777</i>	0.78	3.49	1.70	1.80	2.52247191	1.036321161	1.79107	0	No

<i>PIK3R4</i>	0.38	0.4	0.71	0.53	1.014492754	0.893910474	0	0	No
<i>ZNF775</i>	1.03	4.77	<0.1	NA	2.842364532	NA	1.85035	NA	No
<i>ZNF605</i>	0.4	2.48	5.81	8.76	2.485714286	1.433712104	2.35018	0.253063	No
<i>TRAPPC2</i>	3.69	2.66	14.78	9.49	0.780383795	0.665044642	-0.184882	-0.497565	No
<i>MYL6B</i>	9.69	11.15	8.03	8.81	1.136576239	1.086899244	0.0900048	0	No
<i>ZNF799</i>	22.62	23.35	62.50	65.81	1.030906012	1.052116631	0	0	No
<i>SIAH1</i>	36.38	31.88	<0.1	NA	0.879614767	NA	-0.0286746	NA	No
<i>C20orf96</i>	0.33	0.24	0.67	0.83	0.932330827	1.09344914	0	0	No
<i>IPO4</i>	0.43	0.43	<0.1	NA	1	NA	0	NA	No
<i>NCOR2</i>	0.69	0.53	0.55	0.89	0.905325444	1.221469466	0	0.0387257	No
<i>SULT1A1</i>	14.18	15.65	23.32	21.59	1.096837945	0.928677698	0.0235115	-0.207439	No
<i>PRPF40A</i>	2.94	5.73	5.10	4.87	1.708121827	0.962607952	0.747499	-0.0261708	No
<i>GDAP2</i>	7.95	11.57	11.77	11.46	1.404469274	0.975919345	0.400435	-0.0810211	No
<i>TCEAL3</i>	1.93	2.82	1.81	1.66	1.303754266	0.945259953	0.349016	0	No
<i>ANAPC7</i>	3.33	4.39	17.53	16.84	1.244803695	0.962657042	0.203908	-0.13049	No
<i>TPK1</i>	75.01	46.32	<0.1	NA	0.622549665	NA	-0.541344	NA	No
<i>SLC6A9</i>	2.06	2.75	2.93	3.33	1.225490196	1.101745586	0.134189	0	No
<i>AFAP1</i>	8.12	7.66	0.45	0.55	0.949561404	1.070690029	0	0	No
<i>NACA</i>	4.63	6.58	12.26	13.76	1.346358792	1.113428094	0.205184	0	No
<i>MYO18A</i>	1.01	3.93	<0.1	NA	2.452736318	NA	1.55068	NA	No
<i>SPTSSB</i>	38.87	45.63	<0.1	NA	1.169551041	NA	0.0904618	NA	No
<i>BORCS6</i>	4.1	3.12	13.75	15.99	0.807843137	1.151681524	-0.0521794	0	No
<i>MAN2A2</i>	0.68	1.86	0.31	0.53	1.702380952	1.167390385	1.02496	0.226182	No
<i>MME</i>	0.24	0.88	<0.1	NA	1.516129032	NA	0.904961	NA	No
<i>FAM72A</i>	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
<i>SULF2</i>	0.47	1.59	0.37	0.29	1.761904762	0.942778323	1.25383	0	No
<i>HBG2</i>	8.36	12.15	14.21	12.80	1.40491453	0.90701635	0.368787	-0.103669	No
<i>LAMA2</i>	3.16	4.94	<0.1	NA	1.427884615	NA	0.301737	NA	No
<i>PFN3</i>	2.46	3.44	9.24	11.36	1.283236994	1.206972157	0.18813	0.0521738	No
<i>PLXNB2</i>	8.93	3.44	3.07	10.39	0.447129909	2.79932171	-1.12737	1.10705	No
<i>XRCC2</i>	14.48	16.48	2.98	4.13	1.129198966	1.289195494	0.0998718	0.211155	No
<i>MYO6</i>	4.07	4.02	1.86	1.62	0.990138067	0.917184726	0	-0.202655	No
<i>MRTFA</i>	3.55	2.23	6.61	5.96	0.70989011	0.915212961	-0.206525	-0.07953	No
<i>HDAC2</i>	2.42	4.57	3.04	3.45	1.628654971	1.102518064	0.515194	0	No
<i>ZNF782</i>	47.81	185.43	584.35	682.26	3.8195042	1.16726744	1.82644	0.0433823	No
<i>ZNF846</i>	4.65	9.81	5.32	5.85	1.913274336	1.084487865	0.916575	0	No
<i>LUADT1</i>	0.22	0.06	<0.1	NA	0.868852459	NA	-0.520498	NA	No
<i>SDHAF3</i>	0.25	0.77	<0.1	NA	1.416	NA	0.952884	NA	No

HRH1	1.4	1.94	2.39	2.55	1.225	1.04790615	0.125772	0	No
RABL6	9.04	7.66	19.96	19.63	0.862549801	0.984139335	-0.0781644	-0.0938045	No
ZNF136	7.87	8.28	14.14	16.89	1.046223224	1.181598045	0	0	No
ZKSCAN5	10.58	12.96	<0.1	NA	1.20552677	NA	0	NA	No
ZNF502	4.41	6.56	11.26	12.78	1.3974122	1.124056897	0.35731	0	No
TRAPPC4	1.37	1.17	7.38	7.92	0.915611814	1.063901085	0	0	No
AC004057.1	277.23	156.97	<0.1	NA	0.567767674	NA	-0.754908	NA	No
TTC30B	2.04	4.21	3.34	3.47	1.713815789	1.029169294	0.749229	0	No
TECPR2	2.23	2.87	3.80	5.15	1.198142415	1.280915635	0.11213	0.0688162	No
LINC00173	1.75	4.13	0.15	0.15	1.865454545	0.99606225	1.05947	0	No
ZFP62	0.66	0.49	0.90	0.86	0.897590361	0.977559067	-0.101629	0	No
ERI2	2.55	2.27	4.37	6.21	0.921126761	1.343165344	0	0.264233	No
TOMM7	355.32	276.35	425.93	433.00	0.778373372	1.016550812	-0.327901	0	No
HSH2D	0.34	0.62	1.34	1.61	1.208955224	1.116332147	0.576816	0	No
TRPV1	35.56	39.75	62.86	61.96	1.114606127	0.985946686	0.0993282	-0.120431	No
ZNF33B	1.45	1.36	2.78	3.23	0.963265306	1.118408865	0	0	No
DC2P-NPIPE	0.27	0.71	5.16	6.85	1.346456693	1.274289629	0.749508	0.131427	No
ZNF512B	0.13	0.71	<0.1	NA	1.513274336	NA	1.53583	NA	No
AMZ2	1.1	1.2	0.57	0.69	1.047619048	1.074535192	0	0	No
ZNF431	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
NF1	2.57	1.74	1.16	0.94	0.767507003	0.896610061	-0.235427	-0.0487465	No
VKORC1L1	16.47	18.43	12.83	11.01	1.11219233	0.868632593	0	-0.193254	No
ZNF418	0.31	0.28	<0.1	NA	0.977099237	NA	0	NA	No
DAPK1	0.79	0.82	1.12	1.25	1.016759777	1.06225736	0	0	No
COL27A1	36.72	38.95	<0.1	NA	1.05911983	NA	0.0192248	NA	No
LINC01560	2.87	3.06	<0.1	NA	1.049095607	NA	0	NA	No
GM2A	5.47	5.69	21.63	19.88	1.034003091	0.922734168	0	-0.168738	No
H2AC13	2.5	5.36	4.32	6.31	1.817142857	1.374878495	0.923743	0.313233	No
CLPSL2	0.29	0.64	<0.1	NA	1.271317829	NA	0.469114	NA	No
S100A2	0.31	0.28	0.55	0.74	0.977099237	1.122976872	0	0	No
SNHG17	0.28	0.7	0.22	0.28	1.328125	1.045448764	0.487259	0	No
ZNF700	15.74	30.86	4.60	5.01	1.903225806	1.073517077	0.870754	0	No
CD47	0.26	0.53	0.52	0.82	1.214285714	1.19834722	0.0858958	0	No
TLE1	37.37	64.21	29.15	31.32	1.699504821	1.072022375	0.697148	0	No
H2AC11	0.54	0.19	<0.1	NA	0.772727273	NA	0	NA	No
STRN3	56.55	21.27	167.44	121.10	0.386967854	0.72487981	-1.32316	-0.553378	No
ZNF239	1.5	1.51	0.46	0.45	1.004	0.996481347	0	0	No
CTBP1-DT	3.22	3.45	12.23	11.79	1.05450237	0.966975867	0	-0.11331	No

ZSCAN16	0.99	1.14	2.54	2.85	1.075376884	1.086691193	0	0	No
MVB12B	0.54	0.83	76.55	59.23	1.188311688	0.776680413	0.0734806	-0.47467	No
ILRUN	7.82	7.72	19.22	18.28	0.988662132	0.953740824	0	-0.0752634	No
ADA	2.73	4.43	1.31	1.33	1.455764075	1.007685997	0.359404	0	No
ARID5A	1.27	2.21	2.90	3.09	1.414096916	1.047753488	0.421777	0	No
PATE2	0.96	3.68	3.61	4.55	2.387755102	1.204869267	1.23225	0	No
PPTC7	0.26	0.55	0.17	0.14	1.23015873	0.973013448	0.454216	0	No
KRT39	29.25	24.96	23.00	26.46	0.858181818	1.144038642	-0.123603	0	No
NHLRC2	2.37	2.03	32.51	32.57	0.899109792	1.001787733	0	-0.0446228	No
ZFP28	0.28	2.58	<0.1	NA	2.796875	NA	1.58753	NA	No
CRACDL	25.65	37.13	7.15	7.36	1.430769231	1.025301387	0.454953	0	No
CBWD3	0.7	1.44	1.36	1.59	1.435294118	1.097380592	0.713215	0	No
SCN8A	0.17	0.77	6.01	7.56	1.512820513	1.221157121	1.22733	0.0367405	No
LAMB3	109.82	138.22	210.09	208.54	1.256271431	0.992645111	0.276788	-0.101392	No
H2BU1	0.15	0.47	<0.1	NA	1.27826087	NA	0.690785	NA	No
KPNA5	38.16	25.43	3.75	2.53	0.674923391	0.742685725	-0.499505	-0.497351	No
ANKRD36B	0.54	0.64	0.58	1.10	1.064935065	1.328836901	0	0	No
ARHGEF12	6.55	9.03	18.31	14.59	1.328476821	0.807331061	0.346002	-0.387935	No
HCAR1	0.77	1.69	1.22	1.79	1.519774011	1.258175141	0.667964	0.0220675	No
ZNF252P	0.41	0.68	0.98	1.22	1.191489362	1.12233326	0.312917	0	No
PDLIM7	10.24	13.29	9.77	9.01	1.271352313	0.929199082	0.139256	-0.125233	No
FLNA	11.93	12.9	13.91	10.67	1.075019335	0.782519185	0	-0.406571	No
SRGAP1	7	7.7	4.91	5.71	1.0875	1.134608411	0	0	No
FAM3C	3.64	3.97	7.86	6.87	1.07112069	0.887891602	0	-0.153787	No
NOP9	0.49	0.84	2.56	3.16	1.234899329	1.169777099	0.356045	0	No
SLC39A10	2.41	2.05	4.35	4.64	0.894428152	1.054902508	0	0	No
CASP4	11.81	7.77	23.14	23.19	0.68462139	1.002274111	-0.406541	-0.140649	No
AP2A1	0.39	0.51	1.09	0.85	1.086330935	0.882998435	0	0	No
ZNF585A	3.34	3.92	5.55	5.79	1.133640553	1.036521768	0.00740789	0	No
FUT11	3.52	2.28	14.03	17.53	0.725663717	1.232959295	-0.12652	0.0251524	No
SMIM10L2B	1.27	1.27	11.16	10.30	1	0.929569933	0	-0.0626142	No
ANXA4	21.28	25.96	76.47	62.04	1.21005386	0.813766519	0.226547	-0.441048	No
LAGE3	0.46	1.48	42.03	47.85	1.698630137	1.135359378	1.24567	0	No
WDR5B	8.36	8.47	21.01	24.16	1.011752137	1.143041818	0	0.0187553	No
NPIP8	2.71	2.6	1.58	2.11	0.970350404	1.205222029	0	0.12465	No
WDR45	7.1	12.7	18.37	18.14	1.691358025	0.988011484	0.600075	-0.0554036	No
METTL9	5.73	8.17	20.07	23.13	1.362555721	1.14514298	0.339072	0	No
ZNF138	0.45	0.21	7.88	8.55	0.834482759	1.075890141	-0.407955	0	No

<i>ZNF429</i>	8.27	6.23	2.71	1.68	0.779935275	0.722686321	-0.230114	-0.521755	No
<i>ZNF470</i>	9.98	7.19	1.09	0.79	0.745901639	0.85448486	-0.353256	-0.213831	No
<i>SERTAD1</i>	46.77	40.99	124.44	117.06	0.879003559	0.941194753	-0.13796	-0.164113	No
<i>ZNF100</i>	14.84	16.17	28.79	26.59	1.083964646	0.926041649	0.0521068	-0.162213	No
<i>EOLA2</i>	1.16	1.4	<0.1	NA	1.111111111	NA	0	NA	No
<i>ZNF398</i>	7.02	8.43	<0.1	NA	1.175810474	NA	0	NA	No
<i>ZSCAN25</i>	8.76	7.93	23.36	25.43	0.914959016	1.084994848	-0.0210903	0	No
<i>ANXA6</i>	0.35	0.43	<0.1	NA	1.059259259	NA	0	NA	No
<i>ZNF441</i>	3.24	2.72	7.16	7.47	0.877358491	1.037733032	0	0	No
<i>GMFB</i>	58.11	32.9	4.61	3.71	0.573507021	0.83959649	-0.754957	-0.250389	No
<i>SIGLEC15</i>	0.13	0.25	<0.1	NA	1.10619469	NA	0	NA	No
<i>ZNF420</i>	0.25	0.44	0.15	0.16	1.152	1.011093353	0.213665	0	No
<i>ZNF763</i>	0.19	0.97	<0.1	NA	1.655462185	NA	0	NA	No
<i>ZMYM1</i>	1.79	4.83	6.95	8.42	2.089605735	1.185264385	1.12284	0	No
<i>H4C3</i>	7.79	8.42	4.17	5.04	1.071672355	1.168347917	0	0	No
<i>ZSCAN26</i>	8.83	10.6	<0.1	NA	1.180061038	NA	0.13547	NA	No
<i>MAFG</i>	6.88	9.52	14.64	15.83	1.335025381	1.0759226	0.370603	0	No
<i>ARRDC1</i>	0.51	1.32	0.71	0.91	1.536423841	1.114735447	0.805787	0	No
<i>KIAA1671</i>	0.66	1.88	1.33	2.08	1.734939759	1.319952975	0.965608	0	No
<i>IGF2R</i>	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
<i>ZNF300P1</i>	3.8	2.86	7.62	6.43	0.804166667	0.86215582	0	-0.130996	No
<i>LCE1C</i>	3.26	8.48	1.65	2.51	2.225352113	1.325241332	1.16644	0.158378	No
<i>DYNC1H1</i>	35.91	23	143.38	136.87	0.65023029	0.954903384	-0.577642	-0.183756	No
<i>SLC6A17</i>	0.66	1.43	2.23	1.80	1.463855422	0.868137623	0.623796	-0.12021	No
<i>IFNL3</i>	1.54	2.23	3.70	3.99	1.271653543	1.062648763	0.208714	0	No
<i>PCBP2</i>	0.28	1.17	<0.1	NA	1.6953125	NA	1.19483	NA	No
<i>ZGPAT</i>	15.04	13.37	39.93	43.17	0.895885287	1.079103251	-0.0370529	0	No
<i>SLC25A29</i>	43.05	9.76	<0.1	NA	0.244267877	NA	-1.7551	NA	No
<i>PGAP1</i>	0.58	0.67	1.40	1.25	1.056962025	0.937900985	0	0	No
<i>SRC</i>	3.72	4.28	1.30	1.48	1.118644068	1.079196953	0.0243919	0	No
<i>ZNF682</i>	0.21	0.12	1.09	1.40	0.925619835	1.149270071	0	0	No
<i>ZNF772</i>	6.53	9.94	4.05	4.08	1.452855246	1.006827937	0.414256	0	No
<i>PCNX3</i>	1.57	1.94	7.99	9.62	1.143968872	1.181211834	0	0	No
<i>ACSL5</i>	50.83	36.23	82.66	91.37	0.718309859	1.10412577	-0.36127	0	No
<i>LRRC8B</i>	1.97	4.16	32.51	21.15	1.737373737	0.660897708	0.720051	-0.705849	No
<i>ABCB8</i>	0.23	0.79	1.96	2.59	1.455284553	1.213736939	1.00603	0	No
<i>H3C12</i>	1.55	1.71	1.35	1.81	1.062745098	1.196460098	0	0.0525552	No
<i>SND1</i>	1.83	1.62	<0.1	NA	0.925795053	NA	0	NA	No

ZNF785	21.52	15.34	19.77	19.38	0.725577265	0.981457687	-0.382827	-0.0842502	No
SULT1A2	27.12	21.57	15.21	15.63	0.802631579	1.025625233	-0.225475	0	No
PSMD12	0.25	0.51	4.08	5.74	1.208	1.32719034	0.561051	0.188053	No
417-340M24	2.06	2.69	5.44	6.39	1.205882353	1.147967971	0.244284	0	No
MIRLET7BHG	4.52	5.53	11.69	11.67	1.182971014	0.998298395	0.0922859	-0.0296451	No
NOL4L	1.27	2.88	<0.1	NA	1.709251101	NA	0.794542	NA	No
CYSRT1	22.33	33.37	2.92	3.93	1.473210459	1.257729879	0.508264	0.0448577	No
SLC22A4	0.35	1.12	13.57	15.15	1.57037037	1.108773377	1.29079	0	No
ENTPD4	0.17	0.89	0.61	0.57	1.615384615	0.973411698	0.407635	-0.0018583	No
C1D	12.02	20.6	15.79	17.23	1.658986175	1.085951049	0.640149	0	No
TBC1D9B	1.38	8.6	<0.1	NA	4.033613445	NA	1.62438	NA	No
H4C11	1.05	0.87	0.68	0.67	0.912195122	0.993775845	0	0	No
FAM110D	3.37	5.04	19.25	16.86	1.38215103	0.882057039	0.421446	-0.189833	No
SERPINA1	2.58	3.75	4.48	6.03	1.326815642	1.283570929	0.196959	0.0440053	No
KANK2	12.45	11.19	5.15	6.82	0.906319703	1.272306322	-0.0417843	0.0958961	No
EIF4BP6	41.32	45.85	13.86	12.56	1.107041588	0.912447996	0.0776449	-0.199653	No
C6orf141	3.23	13.1	<0.1	NA	3.333333333	NA	1.70034	NA	No
GTF2E2	6.58	7.63	2.03	2.09	1.138522427	1.018174241	0.027818	0	No
RAD54B	1.28	2.66	2.11	2.26	1.605263158	1.047822417	0.534152	0	No
ZNF165	1.05	1.47	<0.1	NA	1.204878049	NA	0.135116	NA	No
SYNGAP1	3.22	2.76	<0.1	NA	0.890995261	NA	0	NA	No
FITM2	0.93	1.44	13.17	11.07	1.264248705	0.851463097	0.258988	-0.274865	No
BLM	75.67	94.18	<0.1	NA	1.241424286	NA	0.259574	NA	No
ZNF720	11.69	10.66	12.78	13.15	0.918833727	1.027076872	0	0	No
GATA3-AS1	2.31	2.62	14.75	11.14	1.093655589	0.770873084	0	-0.432694	No
DDI2	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
AC060834.1	5.87	8.46	7.12	7.29	1.377001456	1.021017648	0.35374	0	No
SVIL	0.32	0.54	<0.1	NA	1.166666667	NA	0	NA	No
TRIM33	1.45	1.41	3.11	4.42	0.983673469	1.318304718	0	0.248625	No
LRP10	1.46	2.91	<0.1	NA	1.589430894	NA	0.70124	NA	No
PELI1	1.61	2.81	<0.1	NA	1.459770115	NA	0.450946	NA	No
ZNF655	0.34	0.28	0.78	0.80	0.955223881	1.009769704	0	0	No
MRPL21	0.21	0.22	<0.1	NA	1.008264463	NA	0	NA	No
LYPD2	387.06	279.67	7.16	7.56	0.723264444	1.049180994	-0.440591	0	No
UAP1L1	1.27	1.56	<0.1	NA	1.127753304	NA	0	NA	No
ZNF786	0.37	0.41	0.83	1.01	1.02919708	1.100509958	0	0	No
ZNF517	0.13	0.15	0.78	0.61	1.017699115	0.905647034	0	0	No
ZNF675	4.95	5.21	4.56	5.82	1.043697479	1.227372282	0	0.146593	No

SLC22A5	11.04	7.58	<0.1	NA	0.712624585	NA	-0.375251	NA	No
ADARB1	2.65	5.63	1.09	1.16	1.816438356	1.034460087	0.895631	0	No
HTT	64.44	57.4	122.01	124.55	0.892420538	1.020664049	-0.0998698	-0.0125118	No
DIO3	166.64	146.37	9.97	10.47	0.879086137	1.04558378	-0.160142	0	No
H3C4	0.72	1.63	0.14	0.11	1.529069767	0.977262402	0.964661	0	No
VEPH1	14.19	20.26	6.92	8.45	1.399605003	1.192651231	0.4045	0.0513822	No
SHPK	3.58	4.68	4.16	5.19	1.240174672	1.199960755	0.179729	0.016481	No
IPP	10.16	10.25	22.51	24.91	1.008064516	1.102093484	0	0	No
MAP3K5	21.94	24.05	72.34	74.65	1.091979076	1.031473344	0.0547503	-0.0258057	No
OGDHL	0.56	0.98	0.22	0.44	1.269230769	1.180394275	0.425299	0.346875	No
GSTK1	0.27	0.78	5.22	4.46	1.401574803	0.878527804	0.757911	-0.104529	No
HNRNPAB	0.44	1.93	<0.1	NA	2.034722222	NA	1.38829	NA	No
STMN3	5	5.27	84.36	71.01	1.045	0.843563862	0	-0.326525	No
PDGFA	30.03	44.96	56.72	59.46	1.481147277	1.047548274	0.39497	0	No
COL13A1	1.32	2.58	1.51	1.84	1.543103448	1.130232147	0.568042	0	No
ZNF695	0.18	0.2	0.10	0.10	1.016949153	1.002168099	0	0	No
ZNF628	4.92	8.12	11.34	12.08	1.540540541	1.060257735	0.516966	0	No
SLC2A10	10.78	10.07	18.87	18.64	0.939728353	0.988646144	0	-0.0359197	No
ZNF665	0.84	1.85	4.51	5.65	1.548913043	1.206491825	0.538195	0	No
RPF2	0.19	0.28	2.66	2.44	1.075630252	0.938640764	0	0	No
SLC28A3	0.23	0.98	0.17	0.29	1.609756098	1.10440819	1.535	0.0160411	No
MIB2	14.16	21.06	3.37	5.32	1.455145119	1.446404244	0.388382	0.0501049	No
MYO5A	0.11	0.79	4.00	4.94	1.612612613	1.188108284	1.89933	0	No
IRF1-AS1	14.07	14.32	<0.1	NA	1.01658925	NA	0	NA	No
GZMM	2.09	3.89	4.02	4.22	1.582524272	1.038990849	0.633768	0	No
ATG7	0.96	1.53	4.76	5.09	1.290816327	1.05723959	0.286242	0	No
SIPA1L1	0.35	1.39	1.43	1.75	1.77037037	1.131821477	1.33546	0	No
TTC30A	0.34	0.45	1.78	1.76	1.082089552	0.992145031	0	0	No
RAB40C	0.73	1.17	0.90	1.01	1.25433526	1.057806698	0.0977849	0	No
PIGN	0.19	0.5	0.16	0.17	1.260504202	1.012583545	0.0691847	-0.0325324	No
COL4A6	1.6	2.35	2.43	2.96	1.288461538	1.154838552	0.204716	0	No
ZNF624	0.53	1.05	<0.1	NA	1.339869281	NA	0	NA	No
HHLA3	1.7	2.42	0.87	1.33	1.266666667	1.244538309	0.0625314	0	No
HOXA4	24.25	24.65	57.41	55.60	1.015841584	0.969054573	0	-0.145628	No
TOPORS	42.18	31.41	81.36	70.25	0.750578972	0.865054816	-0.331523	-0.311563	No
BCO2	6.04	7.32	<0.1	NA	1.181818182	NA	0.172613	NA	No
GPX1P1	1.52	3.57	<0.1	NA	1.813492063	NA	0.807968	NA	No
ENTPD6	0.15	0.39	<0.1	NA	1.208695652	NA	0	NA	No

DMBX1	11.9	19.21	17.36	18.99	1.566666667	1.088668441	0.643974	0	No
CCDC154	5.78	5.5	<0.1	NA	0.958702065	NA	0	NA	No
FAR1	25.16	19.03	102.28	107.37	0.765672783	1.049293491	-0.319792	-0.0100081	No
CPLANE1	8.2	8.3	28.29	29.90	1.010869565	1.055060296	0	0	No
ZNF841	9.86	7.15	9.77	9.32	0.750460405	0.958566493	-0.324847	-0.059978	No
ZNF615	0.21	0.3	0.34	0.35	1.074380165	1.009384471	0	0	No
EOLA1	0.14	0.92	0.88	1.27	1.684210526	1.207104139	1.71603	0	No
CDC42SE1	1.06	2.51	0.12	0.35	1.703883495	1.203067925	0.877391	0.425755	No
SERPINB2	26.15	25.62	<0.1	NA	0.980478821	NA	0	NA	No
DPP4	6.98	8.17	14.48	15.79	1.149122807	1.084485646	0.0329058	0	No
PDCD1LG2	2.15	2.33	1.43	1.95	1.057142857	1.212171195	0	0.0691268	No
ZNF433	4.94	4.51	7.50	7.96	0.927609428	1.054500459	0	0	No
AL157838.1	0.19	1.18	<0.1	NA	1.831932773	NA	0.514778	NA	No
SPTAN1	30.52	20.28	77.74	77.62	0.675126904	0.998462529	-0.502712	-0.0771538	No
NMB	2.46	2.15	4.90	5.28	0.910404624	1.064973482	0	0	No
PARVA	2.15	2.82	0.74	0.54	1.212698413	0.883943726	0	0	No
FAM114A1	11.3	17.19	34.16	38.03	1.478861789	1.110053188	0.477279	0	No
RPE	2.5	2.32	10.49	11.74	0.948571429	1.109030594	0	0	No
ZNF460	1.62	1.01	1.33	1.60	0.767175573	1.114408061	-0.280238	0	No
PHF2	4.24	5.58	4.40	5.02	1.255725191	1.114547429	0.233936	0	No
RPS26	4.44	24.67	3.17	3.18	4.71875	1.001889491	2.12699	0	No
PTMAP2	1.71	2.92	1.74	1.69	1.446494465	0.983441262	0.324002	0	No
PSAP	4.08	3.75	10.59	13.29	0.93503937	1.232845789	0	0.099491	No
S100A10	1.76	1.95	8.25	9.79	1.06884058	1.166344117	0	0	No
LHFPL5	26.46	28.14	58.37	55.14	1.061179898	0.945617997	0.0266897	-0.180986	No
RPL37A	1.24	0	<0.1	NA	0.446428571	NA	0	NA	No
HOXC6	0.17	0.19	0.10	0.07	1.017094017	0.969798735	0	0	No
TXNRD3	5.82	6.22	1.51	2.65	1.058651026	1.454532401	0	0	No
CFD	11.14	16.75	16.10	20.52	1.462108731	1.258378134	0.480585	0.134227	No
MCMBP	4.09	2.75	<0.1	NA	0.736738703	NA	-0.130596	NA	No
EME2	2.93	3.67	<0.1	NA	1.188295165	NA	0	NA	No
ZNF81	12.78	13.72	9.24	10.07	1.068214804	1.081157123	0	0	No
TAF13	1.06	1.38	5.82	6.89	1.155339806	1.156245526	0	0	No
ZNF780A	7.55	10.56	0.35	0.34	1.352046784	0.994457626	0.250914	0	No
ATAD3A	1.41	1.81	4.11	4.72	1.165975104	1.120246339	0.0559952	0	No
FAM118B	2.39	3.66	6.76	5.79	1.374631268	0.874956644	0.314041	0	No
ZNF461	1.04	1.93	11.74	13.46	1.43627451	1.135192062	0.525209	0	No
AC011450.1	1.97	2.17	1.72	2.33	1.067340067	1.224133907	0	0.00719311	No

<i>SLC9A8</i>	0.14	0.63	<0.1	NA	1.429824561	NA	0.480703	NA	No
<i>OCLN</i>	1.1	1.99	6.68	6.38	1.423809524	0.960891867	0.59011	0	No
<i>H4-16</i>	0.24	0.03	<0.1	NA	0.830645161	NA	0	NA	No
<i>ZNF181</i>	6.51	7.85	2.31	2.12	1.178428762	0.943205321	0.153744	-0.0377341	No
<i>SLC22A20P</i>	4.58	10.14	9.44	10.64	1.996415771	1.115137833	1.0075	0	No
<i>INKA2</i>	61.46	51.05	57.23	49.30	0.833333333	0.863883588	-0.212631	-0.271039	No
<i>ZNF44</i>	4.69	5.69	1.77	2.11	1.175746924	1.121760106	0.039765	0	No
<i>GPAA1</i>	1.5	2.95	6.36	8.26	1.58	1.258678466	0.706203	0.0823258	No
<i>SGTB</i>	26.02	23.7	56.99	63.45	0.914137676	1.11131473	-0.0035295	0	No
<i>ZNF790</i>	45.42	185.72	<0.1	NA	4.022404136	NA	1.8653	NA	No
<i>CYRIA</i>	2.66	4.84	53.03	58.01	1.595628415	1.092128997	0.605401	0	No
<i>MYO1C</i>	2.48	5.06	1.81	2.40	1.74137931	1.209216971	0.695636	0	No
<i>NKIRAS1</i>	4.36	5.22	2.55	2.90	1.160447761	1.098138539	0.0414742	0	No
<i>KIF13B</i>	0.51	1.37	4.05	5.23	1.569536424	1.233474497	0.935268	0.0478214	No
<i>ADH5</i>	2.17	2.33	2.02	2.19	1.050473186	1.054967992	0	0	No
<i>H2BC12</i>	0.85	1.53	1.35	1.61	1.367567568	1.109612866	0.511401	0	No
<i>TEAD4</i>	1.52	1.31	8.16	8.72	0.916666667	1.061356148	-0.0063806	0	No
<i>SPG7</i>	0.38	15.42	<0.1	NA	11.89855072	NA	4.48507	NA	No
<i>HES5</i>	0.11	0.42	<0.1	NA	1.279279279	NA	0	NA	No
<i>ZNF677</i>	1.23	1.15	<0.1	NA	0.964125561	NA	0	NA	No
<i>ERO1A</i>	0.78	1.82	6.84	7.76	1.584269663	1.116849112	0.692492	0	No
<i>ZNF823</i>	1.34	1.97	1.58	2.47	1.269230769	1.345553107	0.108082	0	No
<i>ZNF311</i>	2.74	2.09	2.41	2.45	0.826203209	1.011367516	-0.0820723	0	No
<i>ZNF347</i>	1.22	1.2	1.39	2.02	0.990990991	1.261670847	0	0	No
<i>PLCG2</i>	43.67	26.61	67.47	79.23	0.618088202	1.171802389	-0.621642	0.0128901	No
<i>FCHSD1</i>	186.43	217.96	274.62	265.16	1.168222803	0.965671454	0.172252	-0.207274	No
<i>ZNF71</i>	12.74	20.19	2.77	2.55	1.542212518	0.940655154	0.504334	-0.0511063	No
<i>S100A6</i>	0.59	0.61	<0.1	NA	1.012578616	NA	0	NA	No
<i>RPL12</i>	0.47	1.19	6.77	7.22	1.489795918	1.057614694	0.665526	0	No
<i>ZNF121</i>	4.5	6.14	10.40	8.33	1.298181818	0.818699897	0.194436	-0.35314	No
<i>MPZL1</i>	6.56	5.56	0.95	1.19	0.867724868	1.122834098	-0.0355907	0	No
<i>VPS13A</i>	0.37	0.74	<0.1	NA	1.270072993	NA	0.462261	NA	No
<i>MBP</i>	4.78	7.12	6.93	7.61	1.404844291	1.085496385	0.342517	0	No
<i>AKAP17A</i>	1.05	0.58	<0.1	NA	0.770731707	NA	-0.297255	NA	No
<i>ELOVL2</i>	9.77	11.32	38.73	37.24	1.143918292	0.96253959	0.096957	-0.154965	No
<i>GOLGA6L9</i>	0.66	1.6	2.53	3.06	1.56626506	1.148852444	0.966343	0.0226417	No
<i>LEKR1</i>	0.87	0.76	<0.1	NA	0.941176471	NA	0	NA	No
<i>C1orf122</i>	0.28	3.22	0.33	0.81	3.296875	1.361756808	1.78838	0	No

SNHG12	7.67	6.73	10.96	12.10	0.891580161	1.095253915	-0.0519495	0	No
NOL8	3.28	3.11	1.07	1.25	0.960280374	1.085382387	0	0	No
IRAK4	0.36	0.64	0.54	0.33	1.205882353	0.86165994	0.154972	-0.0953867	No
CCDC151	9.59	6.22	18.25	17.72	0.68177526	0.972614626	-0.429597	-0.0703688	No
MRPL42	0.16	0.18	5.84	6.34	1.017241379	1.072495938	0	0	No
ENTPD7	1.88	2.65	<0.1	NA	1.267361111	NA	0.252534	NA	No
ZNF335	0.12	0.26	0.75	0.90	1.125	1.085283088	0	0	No
RPS4X	9.45	14.33	4.17	4.19	1.466985646	1.003589243	0.307635	0	No
ZNF273	1.21	1.89	0.68	0.59	1.307692308	0.945803708	0	0	No
ZNF84	5.94	7.48	4.63	5.21	1.221902017	1.10245314	0.123885	0	No
MAK16	0.89	1.31	<0.1	NA	1.222222222	NA	0.157089	NA	No
ZNF667	1.41	2.64	<0.1	NA	1.510373444	NA	0	NA	No
SIRPA	18.18	11.24	25.41	25.50	0.638164755	1.003329042	-0.580304	-0.0744627	No
GRK6	0.7	0.7	<0.1	NA	1	NA	0	NA	No
PRIM1	0.47	0.98	3.40	3.37	1.346938776	0.992631891	0.235154	0	No
MARCHF5	4.05	4.64	22.52	25.03	1.116831683	1.106831361	0.00482436	0	No
AKR1B10	0.93	2.04	<0.1	NA	1.575129534	NA	0.918544	NA	No
ZBTB14	3.2	7.34	2.10	2.73	1.985714286	1.203447384	0.944817	0.0117784	No
CD2AP	0.86	2.68	0.41	0.34	1.978494624	0.947342869	1.20671	0	No
NUP62CL	2.65	2.26	<0.1	NA	0.893150685	NA	0	NA	No
SFI1	7.51	7.72	51.65	60.54	1.024676851	1.168873641	0	0.0313803	No
ZNF649	1.81	1.19	2.63	2.26	0.779359431	0.896778003	-0.0601474	0	No
ZNF248	0.42	3.4	1.17	1.04	3.098591549	0.94184379	2.4335	0	No
TOR4A	1.38	2.44	0.38	0.48	1.445378151	1.075377272	0.289441	0	No
LPAR1	0.95	3.45	1.26	1.02	2.282051282	0.892974141	1.34804	0	No
MB	0.49	0.36	<0.1	NA	0.912751678	NA	0	NA	No
HIBCH	13.58	22.81	13.22	14.70	1.633058985	1.103982041	0.682194	0	No
ZNF544	3.02	4.14	<0.1	NA	1.278606965	NA	0.289723	NA	No
TMEM229B	9.19	7.78	1.42	2.08	0.861629048	1.271985876	-0.0679233	0.0477265	No
PTMAP9	14.19	16.37	19.39	21.01	1.143515471	1.079282677	0.0564933	0	No
SOWAHC	1.35	2.2	0.92	0.85	1.361702128	0.961513163	0.284273	0	No
ZNF770	15.71	12.88	7.99	8.94	0.830640335	1.10592505	-0.161013	0	No
ZNF876P	4.58	7.07	9.50	9.62	1.446236559	1.011898295	0.302627	0	No
HMGN5	4.41	2.45	<0.1	NA	0.637707948	NA	0	NA	No
MIER1	364.02	440.45	173.05	176.13	1.209385787	1.017698142	0.244172	-0.045044	No
MAN1A2	0.19	0.71	<0.1	NA	1.43697479	NA	1.17202	NA	No
SVIP	53.61	42.89	2101.07	2204.26	0.803698956	1.049089076	-0.258171	-0.0321784	No
ZNF251	1.25	2.78	0.17	0.22	1.68	1.043067257	0.704308	0	No

<i>DDRGK1</i>	5.48	6.19	1.60	2.02	1.109567901	1.162370515	0	0	No
<i>TFDP1</i>	1.24	14.23	295.76	269.13	6.799107143	0.910279359	2.87997	-0.241264	No
<i>ZNF607</i>	10.06	15.51	23.35	25.28	1.492766727	1.079133462	0.496341	0	No
<i>BPIFA1</i>	2.44	3.69	86.09	87.93	1.363372093	1.021166255	0.362632	0	No
<i>ZNF334</i>	0.26	0.29	0.82	1.15	1.023809524	1.17914074	0	0.0134906	No
<i>HSD17B11</i>	15.72	32.55	30.83	39.51	2.006578947	1.272663013	0.849113	0.0252177	No
<i>SZT2</i>	0.46	1.04	3.54	4.62	1.397260274	1.238234038	0.702526	0.0597931	No
<i>ZXDA</i>	26.7	30.72	36.64	35.69	1.145126354	0.974834959	0.0903996	-0.078236	No
<i>RPS6KL1</i>	3.98	6.88	6.79	7.94	1.582329317	1.147257112	0.529854	0	No
<i>QRICH1</i>	0.43	1.12	0.77	1.22	1.482517483	1.255013612	0.762299	0.146847	No
<i>CSF2RA</i>	0.83	0.76	<0.1	NA	0.961748634	NA	0	NA	No
<i>FKBP1C</i>	3.4	4.61	5.87	5.83	1.275	0.994241525	0.229156	-0.0572084	No
<i>DDX42</i>	5.41	5.74	0.13	0.09	1.051482059	0.96889096	0	0	No
<i>AC131392.1</i>	0.46	1.39	<0.1	NA	1.636986301	NA	0.795087	NA	No
<i>RPL23A</i>	0.57	1.19	0.82	1.05	1.394904459	1.127388982	0.566529	0	No
<i>SLC29A3</i>	0.58	1.76	<0.1	NA	1.746835443	NA	1.02268	NA	No
<i>STYX</i>	0.44	1.73	<0.1	NA	1.895833333	NA	1.45333	NA	No
<i>UBL5</i>	0.83	2.38	2.19	2.31	1.846994536	1.038548018	1.12156	0	No
<i>HELZ</i>	149.48	158.45	183.60	171.46	1.05960925	0.934257923	0.0350843	-0.223354	No
<i>TMEM116</i>	0.91	1.13	3.87	4.11	1.115183246	1.048441656	0	0	No
<i>UCKL1</i>	0.15	0.91	1.09	1.22	1.660869565	1.064546	1.39616	0	No
<i>CARD11</i>	0.4	0.79	<0.1	NA	1.278571429	NA	0.343353	NA	No
<i>ZNF485</i>	49.14	47.06	30.97	33.06	0.958516155	1.065278344	-0.0057945	0	No
<i>PEG3</i>	1.18	2.02	0.85	1.48	1.385321101	1.34020115	0.374768	0	No
<i>SDAD1</i>	2.13	2.29	3.62	3.79	1.051118211	1.03691903	0	0	No
<i>ZKSCAN8</i>	17.5	18.93	26.24	33.09	1.077297297	1.251533057	0	0.112907	No
<i>PHETA1</i>	137.48	315.86	<0.1	NA	2.28812825	NA	1.08752	NA	No
<i>HYLS1</i>	18.96	28.71	6.82	6.49	1.488476954	0.958027319	0.44609	-0.0559676	No
<i>ZNF442</i>	3.88	4.35	31.41	34.40	1.096311475	1.09227505	0.0745026	0	No
<i>ZNF813</i>	0.2	1.37	<0.1	NA	1.975	NA	0.977375	NA	No
<i>HOXC4</i>	1.57	2.78	<0.1	NA	1.470817121	NA	0.572242	NA	No
<i>PIM3</i>	17.51	14.87	10.46	9.07	0.857374392	0.878321082	-0.13602	-0.220928	No
<i>GET3</i>	2.5	4.34	1.36	1.86	1.525714286	1.212887455	0.405628	0	No
<i>ASPH</i>	0.86	0.62	0.32	0.32	0.870967742	1.000474565	0	0	No
<i>SPRED2</i>	0.56	1.07	<0.1	NA	1.326923077	NA	0.50837	NA	No
<i>WWP2</i>	3.62	4.97	21.78	25.20	1.292207792	1.149924971	0.240173	0	No
<i>GFPT1</i>	4.21	4.27	3.62	2.99	1.011516315	0.864547655	0	-0.168259	No
<i>UVRAG</i>	468.87	426.73	486.66	474.39	0.910315619	0.974838562	-0.102711	-0.109699	No

<i>ZNF26</i>	2.08	4.06	4.11	4.74	1.642857143	1.123124898	0.71967	0	No
<i>ITSN2</i>	36.6	51.97	2.35	3.06	1.408776596	1.211098714	0.442812	0	No
<i>BZW1P2</i>	0.6	0.71	2.40	2.81	1.06875	1.122033017	0	0	No
<i>OGA</i>	1.27	1.11	25.66	25.92	0.929515419	1.009610631	0	-0.0303304	No
<i>ZNF658B</i>	47.88	30.88	60.51	55.50	0.652209493	0.918571708	-0.543764	-0.223962	No
<i>MT1F</i>	0.13	1.55	0.33	0.36	2.256637168	1.024290477	2.28679	0	No
<i>TCAF1</i>	0.55	0.54	0.15	0.35	0.993548387	1.173050038	0	0	No
<i>ZNF69</i>	0.42	0.82	0.22	0.18	1.281690141	0.965622116	0.348579	0	No
<i>TXNRD1</i>	23.6	21.47	46.10	46.10	0.913414634	0.99995567	0	0	No
<i>NRARP</i>	7.34	5.11	25.81	31.19	0.732613909	1.200753705	-0.307901	0	No
<i>ZNF583</i>	2.69	5.1	9.45	10.80	1.653116531	1.12900226	0.717815	0	No
<i>ZNF568</i>	1.79	2.51	5.38	5.88	1.258064516	1.079068232	0.167153	0	No
<i>ZXDB</i>	0.64	1.71	0.52	0.82	1.652439024	1.200097876	0.738945	-0.013643	No
<i>ZNF480</i>	1.57	1.48	13.33	15.29	0.964980545	1.137042897	0	0	No
<i>ZNF587</i>	0.72	0.62	1.75	2.00	0.941860465	1.090376102	0	0	No
<i>TPM2</i>	4.92	6.29	15.03	16.40	1.231418919	1.085571323	0.183726	0	No
<i>FLVCR1-DT</i>	224.55	150.1	738.42	782.07	0.669917978	1.059031046	-0.533345	-0.0389402	No
<i>RTP2</i>	0.47	0.71	4.01	4.00	1.163265306	0.998058214	0.102104	-0.0004483	No
<i>SH3BGRL2</i>	0.71	1.99	2.25	2.81	1.748538012	1.172793198	1.14262	0.00269141	No
<i>ZNF808</i>	1.95	3.07	8.86	10.18	1.379661017	1.133864859	0.319061	0	No
<i>YTHDF2</i>	0.28	1.2	<0.1	NA	1.71875	NA	1.56212	NA	No
<i>NBR2</i>	7.44	8.5	30.53	31.18	1.125592417	1.020551734	0.0169459	-0.0436236	No
<i>TMA16</i>	54.51	49.26	81.36	78.00	0.905422446	0.959203423	-0.0732948	-0.152266	No
<i>HLA-DRB5</i>	7.92	10.17	41.32	51.02	1.252242152	1.229312877	0.143981	0.0150086	No
<i>ATL1</i>	8.43	8.88	<0.1	NA	1.047720042	NA	0	NA	No
<i>CNGA1</i>	4.61	2.62	<0.1	NA	0.645276292	NA	-0.367762	NA	No
<i>MAFK</i>	1.64	2.96	4.59	5.18	1.5	1.105742211	0.485685	0	No
<i>ARMH1</i>	5.92	8.46	6.65	8.02	1.367052023	1.179688677	0.35368	0.0384363	No
<i>ZNF43</i>	4.78	7.41	0.67	0.55	1.455017301	0.927369109	0.299355	0	No
<i>GPN1</i>	1.72	1.75	10.68	12.55	1.011029412	1.160136467	0	0	No
<i>ZNF28</i>	0.98	3.75	0.86	1.21	2.398989899	1.190420893	1.51623	0	No
<i>ITGBL1</i>	1.34	1.68	1.15	1.35	1.145299145	1.092648434	0	0	No
<i>ZNF511</i>	1.91	33.29	72.96	71.01	11.78350515	0.973591342	3.84325	-0.139357	No
<i>ZNF627</i>	7.78	7.7	1.98	2.54	0.990888383	1.187194659	0	0	No
<i>WDHD1</i>	14.39	33.17	0.22	0.83	2.220272904	1.49700203	1.03769	0	No
<i>ZNF789</i>	1.23	1.55	11.19	11.52	1.143497758	1.02712919	0	-0.0021468	No
<i>CTNND1</i>	4.99	5.25	2.94	3.31	1.043405676	1.092733479	0	0	No
<i>DDX39B</i>	0.19	0.72	4.80	5.90	1.445378151	1.190361338	1.12827	0.0297324	No

<i>SLC34A3</i>	0.49	0.65	<0.1	NA	1.10738255	NA	0	NA	No
<i>SH2D1B</i>	5.37	10.74	0.88	0.79	1.843014129	0.950651189	0.809735	0	No
<i>ARC</i>	3.32	5.94	4.65	5.17	1.606481481	1.092824716	0.610879	0	No
<i>NUDT16</i>	0.11	0.3	0.32	0.53	1.171171171	1.156822279	0	0	No
<i>TLK1</i>	0.2	0.36	7.08	8.86	1.133333333	1.219784805	0	0.0142219	No
<i>LRBA</i>	2.18	3.79	8.81	10.19	1.506289308	1.140644039	0.570103	0	No
<i>MMP17</i>	3.11	4.99	5.83	7.50	1.457420925	1.244317346	0.50162	0.0964847	No
<i>BAZ1A</i>	2.31	2.08	9.33	12.27	0.930513595	1.284855037	0	0.119569	No
<i>COPS8</i>	6.07	6.93	4.65	5.30	1.121640736	1.114455584	0	0	No
<i>PPIAP22</i>	57.17	67.33	24.39	22.56	1.174660478	0.927986779	0.133076	-0.103164	No
<i>CCDC69</i>	83.07	97.18	76.38	76.64	1.167836327	1.003420307	0.16643	-0.091816	No
<i>MDM4</i>	1.38	3.34	<0.1	NA	1.823529412	NA	0.918698	NA	No
<i>KLHL9</i>	0.42	0.87	<0.1	NA	1.316901408	NA	0.499304	NA	No
<i>NCOA6</i>	0.94	7.49	28.66	27.83	4.37628866	0.971987944	2.44722	-0.104031	No
<i>STK39</i>	0.96	1.52	28.53	32.59	1.285714286	1.137488464	0.467684	0.0340786	No
<i>ABHD17AP1</i>	0.38	0.55	0.82	0.72	1.123188406	0.947022176	0	0	No
<i>C6orf89</i>	2.34	2.37	3.17	4.02	1.008982036	1.20287091	0	0.111941	No
<i>CALM1</i>	16.31	17.56	32.21	35.00	1.072212594	1.083951651	0	0	No
<i>TTC37</i>	1.66	1.45	<0.1	NA	0.921052632	NA	0	NA	No
<i>TUSC1</i>	13.11	18.71	42.99	46.41	1.396881644	1.077676462	0.417589	0	No
<i>SLC9A6</i>	0.76	0	<0.1	NA	0.568181818	NA	0	NA	No
<i>FAN1</i>	125.17	106.06	91.90	92.07	0.848537687	1.001783331	-0.170556	-0.051315	No
<i>ABCA4</i>	3.98	6.32	5.16	5.97	1.469879518	1.132274525	0.445684	0	No
<i>MT-ND6</i>	60.49	47.76	495.26	450.42	0.792974467	0.909640596	-0.233	-0.214152	No
<i>IPO9</i>	1.74	2.07	4.85	5.18	1.120437956	1.057126988	0.0502888	0	No
<i>CEP290</i>	1	1.25	6.19	6.77	1.125	1.080120633	0	0	No
<i>MT-CO2</i>	25.66	30.19	27.19	27.49	1.169917479	1.010752278	0.117895	-0.0597156	No
<i>GLMP</i>	0.65	1.5	1.98	2.20	1.515151515	1.075097845	0.470126	0	No
<i>TOGARAM1</i>	0.61	1.64	<0.1	NA	1.639751553	NA	1.06226	NA	No
<i>ANKRD13B</i>	3.75	5.31	10.93	10.48	1.328421053	0.96189614	0.220995	-0.0064753	No
<i>ECI2</i>	3.1	3.42	2.10	2.68	1.07804878	1.187314185	0	0.0319077	No
<i>UNC13B</i>	4.77	7.4	<0.1	NA	1.455805893	NA	0.385794	NA	No
<i>TEX45</i>	6.11	10.13	8.36	9.69	1.565400844	1.141851573	0.472427	0	No
<i>MT-CYB</i>	0.19	0.83	0.33	0.54	1.537815126	1.158176591	1.35411	0	No
<i>LDB1</i>	0.64	2.29	0.59	0.57	2.006097561	0.988089525	1.40125	0	No
<i>PPP1R14C</i>	1.31	1.45	<0.1	NA	1.060606061	NA	0	NA	No
<i>CTR9</i>	135.81	62.02	66.53	53.41	0.460638842	0.805704798	-1.05065	-0.363935	No
<i>SMOC1</i>	128.4	113.94	<0.1	NA	0.888253478	NA	-0.0895303	NA	No

<i>MSRB1</i>	16.54	8.66	17.57	18.88	0.550741163	1.070727117	-0.861317	0	No
<i>ZNF652</i>	5.2	5.89	17.01	16.15	1.111290323	0.952373411	0	-0.141425	No
<i>SMURF1</i>	5.55	6.18	16.83	15.95	1.096183206	0.950809284	0.00487793	-0.135461	No
<i>SLC5A3</i>	10.72	10.71	7.28	8.59	0.999146758	1.158097873	0	0.0223196	No
<i>GPATCH3</i>	2.92	3.29	10.06	9.31	1.094387755	0.932033144	0	-0.0970709	No
<i>CDC42BPB</i>	0.57	0.7	3.51	3.64	1.082802548	1.029852418	0	0	No
<i>PLXNB3</i>	2.13	3.5	6.13	6.92	1.437699681	1.110584751	0.527168	0	No
<i>OXCT2</i>	3.56	3.94	<0.1	NA	1.083333333	NA	0	NA	No
<i>RPL10A</i>	7.1	12.29	<0.1	NA	1.640740741	NA	0.656656	NA	No
<i>MT-ND2</i>	0.14	0.14	0.64	0.88	1	1.148965018	0	0	No
<i>APCDD1L</i>	8.02	4.93	80.68	68.90	0.657427938	0.855785901	-0.377569	-0.20454	No
<i>FAM169A</i>	3.45	2.68	2.10	2.16	0.826966292	1.018697735	-0.111123	0	No
<i>ZNF830</i>	0.3	0.83	0.56	0.40	1.407692308	0.896627911	0.566982	0	No
<i>MT-ND5</i>	38.25	70.1	33.89	37.87	1.811464968	1.114153864	0.813822	0	No
<i>CNOT7</i>	6.62	12.88	7.61	6.95	1.82152231	0.923388701	0.732629	-0.0713253	No
<i>TMEM184B</i>	0.11	0.78	0.46	0.67	1.603603604	1.142460516	1.94504	0	No
<i>MTOR</i>	0.44	0.78	<0.1	NA	1.236111111	NA	0.348689	NA	No
<i>SCAMP5</i>	1.25	1.58	2.86	2.55	1.146666667	0.920306246	0	-0.104823	No
<i>LRIG2</i>	1.59	3.53	4.35	5.76	1.749034749	1.263965731	0.815165	0.0809887	No
<i>MT-CO1</i>	1.7	3.25	4.81	4.93	1.574074074	1.020542679	0.665479	-0.0726158	No
<i>PNP</i>	0.54	0.45	<0.1	NA	0.941558442	NA	0	NA	No
<i>PAX9</i>	0.24	0.04	<0.1	NA	0.838709677	NA	0	NA	No
<i>GK</i>	0.74	1.11	0.27	0.30	1.212643678	1.020249931	0.0445397	0	No
<i>FOXJ3</i>	1.29	3.89	1.35	1.58	2.135371179	1.0991326	1.24144	0	No
<i>ZNF358</i>	15.24	21.35	24.09	26.06	1.376231527	1.078434823	0.351872	0	No
<i>SFT2D1</i>	2.81	3.28	3.95	6.00	1.12335958	1.413628715	0	0.0860164	No
<i>CHAMP1</i>	5.24	7.29	18.28	17.70	1.328525641	0.969697835	0.23539	-0.0800099	No
<i>INPP5F</i>	0.17	0.31	0.79	0.49	1.11965812	0.831418148	0.0542037	-0.237375	No
<i>ARHGAP11A</i>	0.13	0.18	<0.1	NA	1.044247788	NA	0	NA	No
<i>HMG2</i>	23.68	28.25	18.51	17.07	1.185170178	0.926353528	0.152491	-0.196752	No
<i>SELENOM</i>	0.58	1.04	<0.1	NA	1.291139241	NA	0.13567	NA	No
<i>UBE2J1</i>	0.25	0.85	0.37	0.46	1.48	1.064602599	1.19024	0	No
<i>GJC2</i>	10.17	9.13	23.13	22.72	0.906893465	0.983157402	0	-0.0428864	No
<i>OPA1</i>	2.13	7.02	2.23	2.37	2.562300319	1.04179571	1.47475	0	No
<i>DENND4B</i>	7.16	6.87	<0.1	NA	0.964460784	NA	0	NA	No
<i>ZNF277</i>	17.45	20.55	32.23	31.49	1.16802168	0.977847572	0.0695581	-0.0012846	No
<i>MT-ND3</i>	2.54	4.12	3.10	3.12	1.446327684	1.004433747	0.382031	0	No
<i>KT112</i>	4.91	7.35	6.68	8.13	1.41285956	1.189088514	0.40456	0	No

SELENOT	0.73	1.61	17.22	22.54	1.50867052	1.291882158	0.712648	0.107583	No
TOX	2.87	3.14	1.21	2.40	1.069767442	1.536659043	0	0.638965	No
CES1	10.46	13.63	53.53	58.14	1.276614311	1.084562016	0.261879	0	No
RUSC2	0.53	1.02	2.21	2.75	1.320261438	1.169388574	0.0819504	0	No
FICD	0.71	3.34	<0.1	NA	2.538011696	NA	1.64733	NA	No
OSTC	7.62	6.5	6.18	5.86	0.870069606	0.95490788	-0.0743621	-0.108011	No
R3HDM4	2.62	3.03	5.41	6.38	1.113259669	1.150733756	0	0	No
TSEN15	7.4	4.63	2.91	3.11	0.670238095	1.05074202	-0.566153	0	No
LTN1	1.68	2.25	32.00	29.84	1.212686567	0.934486604	0.0280147	-0.140057	No
RUNDC1	5.89	9.05	19.35	19.87	1.458635704	1.025484617	0.472391	-0.0119349	No
STKLD1	3.62	4.25	9.07	10.34	1.136363636	1.126033459	0	0	No
GRK5	713.87	607.01	<0.1	NA	0.850518276	NA	-0.173262	NA	No
TYW1	1.86	3.75	18.12	18.76	1.660839161	1.033381107	0.699134	-0.0205159	No
DCAF12	0.96	1.3	2.98	3.94	1.173469388	1.240885731	0.121224	0.147358	No
MT-ND4	5.52	5.78	<0.1	NA	1.039877301	NA	0	NA	No
SMC5	3.99	6.06	6.09	6.15	1.414829659	1.008956858	0.454221	0	No
MT-ND1	12.96	7.83	12.53	11.98	0.63252149	0.959576385	-0.543608	-0.085868	No
PRMT6	0.4	0.23	<0.1	NA	0.878571429	NA	0	NA	No
SHISA4	9.93	11.94	12.49	15.33	1.18389753	1.210388346	0.143474	0.0798392	No
CIPC	41.61	37.26	43.82	50.92	0.897911288	1.15843749	-0.0970166	0.0498976	No
CAPZA2	1.78	1.55	5.83	7.37	0.917266187	1.225290457	0	0.0216156	No
MT-ATP6	8.99	15.2	37.75	31.77	1.621621622	0.845606712	0.530314	-0.315385	No
TOP1	2.5	3.3	4.30	5.12	1.228571429	1.155481867	0.206797	0.0340681	No
PRC1	0.92	1.16	5.58	6.80	1.125	1.184667575	0.0753873	0.00746591	No
MAP3K3	0.45	2.48	<0.1	NA	2.4	NA	2.03626	NA	No
L1CAM	108.75	228.75	<0.1	NA	2.093394077	NA	0.948184	NA	No
SREBF2	10.59	12.93	16.77	18.63	1.201898188	1.104520881	0.194095	0	No
C1orf174	0.15	0.15	1.73	1.94	1	1.078600607	0	0	No
RASGEF1A	1426.68	2712.79	<0.1	NA	1.900839124	NA	0.896439	NA	No
SPOUT1	10.4	8.03	25.38	27.88	0.792105263	1.094601121	-0.177066	0	No
RPL39	1.17	1.09	<0.1	NA	0.963133641	NA	0	NA	No
DZIP3	3.03	5.64	5.88	6.01	1.64764268	1.019456839	0.631813	0	No
KIAA0753	3.41	2.78	4.49	5.70	0.857142857	1.22044915	-0.0039924	0	No
DCLRE1A	1.28	1.45	3.16	4.17	1.074561404	1.242759274	0	0.0596818	No
ATG9A	0.97	0.51	<0.1	NA	0.766497462	NA	-0.147118	NA	No
NOS1AP	255.63	416.99	<0.1	NA	1.628765148	NA	0.648263	NA	No
APRT	8.66	12.23	41.61	51.81	1.369565217	1.23949575	0.320441	0.0736396	No
TBKBP1	9.54	8.28	0.88	1.20	0.880455408	1.168489178	0	0	No

<i>MAGEE1</i>	3.47	6.11	13.51	13.82	1.590604027	1.021535141	0.597355	0	No
<i>CCDC167</i>	4.5	7.35	<0.1	NA	1.518181818	NA	0.484295	NA	No
<i>MT-CO3</i>	11.1	14.58	40.35	46.42	1.287603306	1.146757239	0.182968	0	No
<i>ZFP2</i>	1.26	1.24	1.12	1.12	0.991150442	0.998032083	0	0	No
<i>SOWAHA</i>	11.1	10.5	7.48	7.46	0.950413223	0.997766297	0	-0.0460967	No
<i>L3MBTL3</i>	1.27	1.63	1.42	1.86	1.158590308	1.182083844	0.0982808	0.0379425	No
<i>MFAP3L</i>	6.82	8.88	8.14	7.72	1.26342711	0.954051833	0.115613	0	No
<i>NAGA</i>	23.33	32.73	6.33	6.85	1.386354295	1.070873959	0.414529	0	No
<i>SMG5</i>	0.88	1.64	23.22	22.88	1.404255319	0.985799622	0.147709	0	No
<i>KIFBP</i>	508.15	381.47	1318.37	1316.22	0.751193165	0.998373205	-0.370884	-0.0786309	No
<i>TGM2</i>	317.37	513.74	<0.1	NA	1.616798065	NA	0.640635	NA	No
<i>ARMCX6</i>	1.55	2.49	<0.1	NA	1.368627451	NA	0.296737	NA	No
<i>PJA2</i>	0.91	1.55	0.31	0.31	1.335078534	0.996810307	0.375231	0	No
<i>SGMS1</i>	5.16	6.01	10.05	11.02	1.137987013	1.088202397	0	0	No
<i>MIR429</i>	178.26	346.59	<0.1	NA	1.939027111	NA	0.906169	NA	No
<i>MIR339</i>	3.21	3.71	36.02	38.25	1.118764846	1.060251609	0.0297754	0	No
<i>MIR103A2</i>	28.71	23.93	16.54	16.59	0.83911141	1.002683719	-0.182194	-0.0206137	No
<i>MIR210</i>	8.17	10.46	14.18	15.57	1.249727372	1.091684887	0.25294	0	No
<i>MIR378A</i>	3.62	6.13	17.59	21.05	1.543290043	1.1863354	0.527755	0	No
<i>MIR135B</i>	2.39	1.75	3.34	3.39	0.81120944	1.011029052	-0.232348	0	No
<i>AL354797.1</i>	1222.43	2266.74	<0.1	NA	1.85359195	NA	0.868701	NA	No
<i>SNORA31</i>	36.12	36.89	53.64	52.71	1.020743534	0.983050729	0	-0.0874761	No
<i>RNA5SP174</i>	1.19	1.38	0.33	0.15	1.086757991	0.862741456	0	-0.281251	No
<i>RNU6-1266F</i>	1.02	0.67	3.77	4.71	0.826732673	1.197875585	-0.0829282	0	No
<i>RN7SKP173</i>	7.78	8.18	26.75	29.46	1.045558087	1.097816725	0	0	No
<i>SNORD104</i>	34.24	17.89	0.18	0.26	0.536038593	1.068262213	-0.779583	0	No
<i>RNA5SP383</i>	7.84	6.45	80.17	85.64	0.842760181	1.067438883	-0.0475726	0	No
<i>RNVU1-22</i>	3.18	5.64	8.47	9.22	1.588516746	1.079492504	0.597459	0	No
<i>Y_RNA</i>	1.46	4.06	1.92	2.42	2.056910569	1.170966054	1.20297	0	No
<i>SNORA73B</i>	10.45	12.23	35.12	33.73	1.155458515	0.961620352	0.097906	-0.117023	No
<i>Y_RNA</i>	53.81	54.75	218.42	211.71	1.017150155	0.969408701	0	-0.0936521	No
<i>RNU5D-1</i>	16.54	18.46	<0.1	NA	1.109464082	NA	0.0117496	NA	No
<i>Y_RNA</i>	29.5	27.16	25.14	20.58	0.923278689	0.82552146	-0.0182492	-0.324459	No
<i>RNU6-1285F</i>	0.94	1.87	0.60	0.85	1.479381443	1.159284963	0.338108	0	No
<i>Y_RNA</i>	16.42	20.33	12.98	13.59	1.22445465	1.043581324	0.22249	0	No
<i>RNU6-1209F</i>	8.94	9.88	72.09	77.42	1.094567404	1.072915194	0.0140639	-0.0123216	No
<i>SNORA33</i>	1.66	1.01	3.41	3.75	0.755639098	1.077016439	-0.262352	0	No
<i>RNU4-1</i>	95.33	144.45	<0.1	NA	1.509913838	NA	0.425773	NA	No

<i>SNORD14E</i>	2.41	4.41	14.73	12.87	1.586510264	0.881839835	0.398301	-0.22437	No
<i>SNORD46</i>	42.07	40.17	<0.1	NA	0.955885767	NA	0	NA	No
<i>Y_RNA</i>	1.71	1.65	0.12	0.10	0.977859779	0.980842238	0	0	No
<i>SNORD73B</i>	0.49	4.13	70.80	84.95	3.44295302	1.19710513	2.40162	0	No
<i>SNORA65</i>	12.3	16.92	6.18	7.39	1.347368421	1.169141982	0.337978	0	No
<i>Y_RNA</i>	1.97	2.67	2.15	2.10	1.235690236	0.982800303	0.0833808	0	No
<i>SNORA63C</i>	61.9	44.34	47.97	55.88	0.720826709	1.16145912	-0.361098	0	No
<i>Y_RNA</i>	30.08	25.72	48.82	45.37	0.85971686	0.930791299	-0.105242	-0.0888034	No
<i>SNORA55</i>	3.4	2.27	20.28	18.53	0.743181818	0.917667527	-0.374382	-0.128122	No
<i>RNA5SP379</i>	1.98	2.06	4.63	5.77	1.026845638	1.20310372	0	0	No
<i>Y_RNA</i>	6.57	9.82	10.46	10.66	1.429326288	1.017532486	0.400186	0	No
<i>RNU6-593P</i>	0.28	0.42	0.43	0.32	1.109375	0.922232275	0	-0.0804252	No
<i>SNORA14A</i>	0.62	1.19	1.97	1.87	1.351851852	0.966298138	0.480802	0	No
<i>RNU12-2P</i>	5.15	5.68	6.40	6.02	1.086178862	0.948691606	0	-0.101667	No
<i>Y_RNA</i>	18.48	22.04	49.49	53.21	1.18275154	1.07375757	0.136051	0	No
<i>SNORA5C</i>	386.36	627.88	<0.1	NA	1.623502685	NA	0.657819	NA	No
<i>SNORD117</i>	4.82	4.76	8.62	10.03	0.989690722	1.146781602	0	0	No
<i>RN7SKP80</i>	125.93	254.82	<0.1	NA	2.015441582	NA	0.930459	NA	No
<i>RNA5SP37</i>	5.14	6.72	36.38	34.88	1.25732899	0.959949417	0.169197	-0.127998	No
<i>SNORD6</i>	18.35	17.07	1.43	2.00	0.933850129	1.234952411	0	0	No
<i>RNU6-8</i>	4.14	4.2	2.77	2.12	1.011673152	0.827127402	0	-0.273514	No
<i>AL078581.1</i>	4.22	4.73	26.07	26.33	1.097701149	1.009537315	0	-0.0156834	No
<i>Y_RNA</i>	451.54	752.83	<0.1	NA	1.665775401	NA	0.681537	NA	No
<i>Y_RNA</i>	27.77	36.85	42.76	43.81	1.315606535	1.024010578	0.307154	-0.0352197	No
<i>RN7SKP269</i>	6.9	7.25	46.64	49.86	1.044303797	1.067682695	0	0	No
<i>RNY4P10</i>	8.9	7.25	9.91	10.78	0.833333333	1.079372929	-0.137892	0	No
<i>RNU4-2</i>	20.14	20.54	1.30	2.71	1.018921476	1.613928281	0	0.567156	No
<i>AL590705.1</i>	55.19	40.55	113.46	90.57	0.739455419	0.79998546	-0.38622	-0.43618	No
<i>TDRKH-AS1</i>	13.35	11.67	11.60	13.16	0.882926829	1.124143194	-0.0459586	0	No
<i>ZNF525</i>	0.78	2.71	<0.1	NA	2.084269663	NA	1.39831	NA	No
<i>POLH-AS1</i>	0.53	0.39	<0.1	NA	0.908496732	NA	0	NA	No
<i>AL390760.1</i>	7.89	8.08	44.29	47.85	1.021372328	1.078586535	0	0	No
<i>AC105020.1</i>	3.03	4.78	1.11	1.04	1.434243176	0.965658101	0.444859	0	No
<i>BTBD7P1</i>	2.14	3.46	2.67	2.52	1.420382166	0.959080931	0.410133	0	No
<i>LINC00449</i>	2.08	2.73	4.35	5.14	1.211038961	1.147377933	0.0598917	0	No
<i>INF2</i>	8.23	7.16	26.47	25.02	0.884073673	0.94709169	-0.0190549	-0.127853	No
<i>PDCD4-AS1</i>	2.07	2.78	0.65	0.43	1.231270358	0.866801757	0.172625	-0.313634	No
<i>IQANK1</i>	123.26	99.48	122.44	119.55	0.808627072	0.976604667	-0.231195	-0.0289363	No

<i>IGBP1-AS1</i>	3.15	4.07	8.73	11.40	1.221686747	1.274214823	0.088739	0.0523122	No
<i>AC083799.1</i>	1.34	0.87	0.29	0.34	0.799145299	1.041648601	-0.0690287	0	No
<i>EFCAB2</i>	30.75	19.32	70.23	61.55	0.64	0.878208596	-0.373149	-0.162499	No
<i>COX20</i>	409.27	679.2	<0.1	NA	1.657932581	NA	0.675985	NA	No
<i>CHML</i>	0.26	0.18	0.28	0.59	0.936507937	1.244084069	0	0	No
<i>IBA57-DT</i>	0.66	1.32	<0.1	NA	1.397590361	NA	0.377212	NA	No
<i>CAPN8</i>	0.46	0.38	3.35	3.14	0.945205479	0.951455692	0	0	No
<i>TATDN3</i>	0.17	0.46	<0.1	NA	1.247863248	NA	0.687308	NA	No
<i>ERTAD4-AS</i>	13.49	20.15	42.08	42.39	1.459627329	1.007213551	0.437954	-0.0472937	No
<i>C6orf99</i>	67.5	82.77	45.82	48.08	1.222919708	1.048164596	0.238915	-0.0096576	No
<i>RAET1G</i>	2.82	3.68	<0.1	NA	1.22513089	NA	0.158795	NA	No
<i>C1orf53</i>	128.53	99.5	0.37	1.00	0.775882035	1.459140855	-0.332591	0.99424	No
<i>AL645568.1</i>	6.7	5.28	11.50	11.91	0.815584416	1.03252235	-0.0588168	0	No
<i>CENPW</i>	16.04	11.01	14.91	16.05	0.704812207	1.07181274	-0.409282	0	No
<i>MSTO2P</i>	3.02	3.08	0.74	0.83	1.014925373	1.050041698	0	0	No
<i>SPRN</i>	9.66	10.94	<0.1	NA	1.120075047	NA	0	NA	No
<i>FAM229B</i>	4.55	0	1.09	0.00	0.18018018	0.4784689	-0.0100004	0	No
<i>FANK1</i>	2.74	0.68	0.66	0.00	0.449197861	0.602409639	0	0	No
<i>SPRR2E</i>	0.49	0	4.67	3.24	0.67114094	0.747470097	0	0	No
<i>EEF1AKMT2</i>	4.05	0.81	0.78	0.77	0.358415842	0.994937861	0	0	No
<i>DDO</i>	4.41	0.55	<0.1	NA	0.28650647	NA	-0.0100004	NA	No
<i>H2AC18</i>	0.52	2.09	<0.1	NA	2.032894737	NA	0	NA	No
<i>H2BC18</i>	1.23	0.41	1.19	3.13	0.632286996	1.886485421	0	0	No
<i>PNLIPRP3</i>	0.91	0.45	<0.1	NA	0.759162304	NA	0	NA	No
<i>ATP1A1-AS1</i>	2.55	0	<0.1	NA	0.281690141	NA	0	NA	No
<i>SNHG5</i>	0.17	0.17	<0.1	NA	1	NA	0	NA	No
<i>GDI1</i>	4.58	6.1	76.47	93.50	1.272401434	1.219849472	0	0	No
<i>PCMTD2</i>	1.78	0.44	<0.1	NA	0.517985612	NA	0	NA	No
<i>SOX18</i>	0.68	0.34	<0.1	NA	0.797619048	NA	0	NA	No
<i>LIME1</i>	0.53	0	<0.1	NA	0.653594771	NA	0	NA	No
<i>RTL8A</i>	1.31	0.79	3.58	7.09	0.774891775	1.765348236	0	0	No
<i>EFCAB7</i>	1.62	2.16	<0.1	NA	1.20610687	NA	0	NA	No
<i>LDLRAD1</i>	0.46	0	2.06	0.00	0.684931507	0.326797386	0	0	No
<i>ARRDC1-AS1</i>	0.48	0	<0.1	NA	0.675675676	NA	0	NA	No
<i>ZYG11A</i>	1.02	0	<0.1	NA	0.495049505	NA	0	NA	No
<i>LINC01270</i>	1.06	0.53	<0.1	NA	0.742718447	NA	0	NA	No
<i>COL5A1-AS1</i>	0.5	0	<0.1	NA	0.666666667	NA	0	NA	No
<i>CT83</i>	0.41	3.7	11.60	9.18	3.333333333	0.808119822	0	0	No

<i>LIPK</i>	1.14	0	0.36	0.71	0.46728972	1.254956085	0	0	No
<i>SLC12A5-AS</i>	5.03	1.26	<0.1	NA	0.374792703	NA	0	NA	No
<i>LRRC73</i>	1.03	0	16.79	14.02	0.492610837	0.844261909	0	0	No
<i>LINC00963</i>	2.34	1.87	<0.1	NA	0.859281437	NA	0	NA	No
<i>FOXO6</i>	0.74	2.22	<0.1	NA	1.850574713	NA	0	NA	No
<i>SYS1</i>	2.47	2.05	2.65	1.50	0.878962536	0.684007252	0	0	No
<i>INPP5B</i>	0.46	0	<0.1	NA	0.684931507	NA	0	NA	No
<i>MAFB</i>	0.41	0	<0.1	NA	0.709219858	NA	0	NA	No
<i>TRAF3IP1</i>	0.55	0	<0.1	NA	0.64516129	NA	0	NA	No
<i>CHIC1</i>	0.79	1.19	9.01	14.49	1.223463687	1.547012619	0	0	No
<i>GIGYF2</i>	1.89	0	<0.1	NA	0.346020761	NA	0	NA	No
<i>ECEL1P1</i>	0.6	2.4	<0.1	NA	2.125	NA	0	NA	No
<i>C2orf72</i>	0.48	0	<0.1	NA	0.675675676	NA	0	NA	No
<i>RUFY2</i>	0.4	0	<0.1	NA	0.714285714	NA	0	NA	No
<i>PHACTR4</i>	0.34	0	<0.1	NA	0.746268657	NA	0	NA	No
<i>CLPSL1</i>	0.94	0	<0.1	NA	0.515463918	NA	0	NA	No
<i>ASAH2B</i>	5.85	3.51	13.51	15.23	0.658394161	1.118431938	0	0	No
<i>AGAP6</i>	3.52	0.7	5.41	6.03	0.376106195	1.096082805	0	0	No
<i>TIMM23B</i>	0.38	0	<0.1	NA	0.724637681	NA	0	NA	No
<i>ZDHHC18</i>	0.41	0	<0.1	NA	0.709219858	NA	0	NA	No
<i>AGAP9</i>	1.46	2.93	8.69	6.45	1.597560976	0.768859575	0	0	No
<i>LRRC37A5P</i>	0.5	0.5	<0.1	NA	1	NA	0	NA	No
<i>NPY4R</i>	0.4	0	<0.1	NA	0.714285714	NA	0	NA	No
<i>GPRIN2</i>	1.42	0.47	<0.1	NA	0.607438017	NA	0	NA	No
<i>SYT15</i>	0.53	0	<0.1	NA	0.653594771	NA	0	NA	No
<i>BMS1P1</i>	0.5	1	<0.1	NA	1.333333333	NA	0	NA	No
<i>MACO1</i>	5.01	2.78	<0.1	NA	0.628951747	NA	0	NA	No
<i>PTPN20</i>	0.38	0	<0.1	NA	0.724637681	NA	0	NA	No
<i>ZDBF2</i>	1.06	1.31	<0.1	NA	1.121359223	NA	0	NA	No
<i>DAXX</i>	2.3	2.29	<0.1	NA	0.996969697	NA	0	NA	No
<i>BMPR2</i>	1.28	4.19	<0.1	NA	2.276315789	NA	1.42353	NA	No
<i>TCEA3</i>	0.22	0.11	<0.1	NA	0.909836066	NA	0	NA	No
<i>PFDN6</i>	0.26	0.78	<0.1	NA	1.412698413	NA	0	NA	No
<i>RING1</i>	0.12	0.19	<0.1	NA	1.0625	NA	0	NA	No
<i>HSD17B8</i>	0.26	1.18	<0.1	NA	1.73015873	NA	0.542165	NA	No
<i>RXRβ</i>	0.98	0.49	<0.1	NA	0.752525253	NA	0	NA	No
<i>OXLD1</i>	18.51	18.37	38.72	40.39	0.992824193	1.042168515	0	-0.035079	No
<i>COL11A2</i>	1.58	2.4	2.83	2.12	1.317829457	0.814953798	0	-0.158897	No

<i>HNRNPCP2</i>	17.35	25.78	<0.1	NA	1.459400545	NA	0.463213	NA	No
<i>BRD2</i>	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
<i>HLA-DMA</i>	4.46	6.16	<0.1	NA	1.311355311	NA	0	NA	No
<i>PSMB8-AS1</i>	0.16	0.16	7.41	7.51	1	1.012375815	0	0	No
<i>COL5A2</i>	0.68	0.72	19.96	21.66	1.023809524	1.081143406	0	0	No
<i>PSMB8</i>	4.32	5.04	3.44	3.66	1.135338346	1.049172549	0.0387431	0	No
<i>TAP2</i>	0.83	3.33	<0.1	NA	2.366120219	NA	0.626829	NA	No
<i>SPIN3</i>	2.7	5.06	<0.1	NA	1.637837838	NA	0.650631	NA	No
<i>NBDY</i>	1.43	1.85	8.35	8.78	1.172839506	1.045635325	0	0	No
<i>HLA-DRA</i>	14.59	8.94	<0.1	NA	0.637588198	NA	-0.379521	NA	No
<i>NOTCH4</i>	1.37	2.42	0.53	0.26	1.443037975	0.824676901	0.210841	0	No
<i>PBX2</i>	2.89	2.55	3.01	1.94	0.912596401	0.732436039	0	0	No
<i>AGER</i>	1.37	1.58	<0.1	NA	1.088607595	NA	0	NA	No
<i>RNF5</i>	26.35	26.07	7.65	7.91	0.98976234	1.030471229	0	0	No
<i>AGPAT1</i>	2.75	2.56	8.59	10.21	0.949333333	1.16881783	0	-0.138455	No
<i>PRRT1</i>	0.21	0.24	2.72	3.06	1.024793388	1.092220676	0	0	No
<i>FKBPL</i>	1.66	1.34	0.19	0.32	0.879699248	1.112493699	0	0	No
<i>MRPL38</i>	0.6	0.27	<0.1	NA	0.79375	NA	-0.194517	NA	No
<i>ERICH2</i>	2.84	0.65	<0.1	NA	0.4296875	NA	-0.605456	NA	No
<i>CYP21A1P</i>	6.96	7.45	<0.1	NA	1.061557789	NA	0	NA	No
<i>STK19</i>	0.25	0.72	<0.1	NA	1.376	NA	0.0948829	NA	No
<i>DXO</i>	0.88	0.19	<0.1	NA	0.632978723	NA	0	NA	No
<i>SKIV2L</i>	0.28	0.38	<0.1	NA	1.078125	NA	0	NA	No
<i>NELFE</i>	0.32	0.09	<0.1	NA	0.825757576	NA	0	NA	No
<i>LINC02783</i>	0.3	0.61	9.08	9.27	1.238461538	1.018808225	0.551401	-0.130792	No
<i>ZBTB12</i>	5.97	3.22	74.22	95.45	0.605451937	1.282206519	-0.73751	0.0246642	No
<i>SDHD</i>	24.45	27.98	41.57	52.20	1.13870334	1.249657967	0.100789	0.0843794	No
<i>EHMT2</i>	2.26	2.87	6.14	6.76	1.187116564	1.087380206	0.0647459	0	No
<i>LAYN</i>	0.23	1.32	4.64	4.69	1.886178862	1.008089691	0.991241	0	No
<i>NEU1</i>	4.03	4.21	21.08	20.45	1.035785288	0.971253499	0	0	No
<i>SNHG32</i>	75.48	54.62	<0.1	NA	0.727248954	NA	-0.344104	NA	No
<i>HSPA1B</i>	0.33	0.49	1.13	1.72	1.120300752	1.275093387	0	0.189819	No
<i>HSPA1A</i>	0.18	0.29	<0.1	NA	1.093220339	NA	0	NA	No
<i>HSPA1L</i>	10.09	10.63	26.69	23.45	1.048692516	0.882851001	0	-0.179801	No
<i>LSM2</i>	1.94	4.04	1.22	1.64	1.714285714	1.191059269	0.748878	0.0667219	No
<i>VAR51</i>	0.9	2.39	0.27	0.25	1.784210526	0.98087779	0.999625	0	No
<i>VWA7</i>	0.47	0.57	<0.1	NA	1.068027211	NA	0	NA	No
<i>CARD16</i>	20.16	13.94	<0.1	NA	0.706049149	NA	-0.157524	NA	No

<i>MBD5</i>	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
<i>MSH5</i>	0.45	0.59	<0.1	NA	1.096551724	NA	0	NA	No
<i>MPIG6B</i>	0.15	0.96	<0.1	NA	1.704347826	NA	0.976727	NA	No
<i>LY6G6C</i>	2.68	2.87	7.61	10.48	1.051630435	1.333241166	0	0.0849705	No
<i>LY6G6F</i>	2.14	2.87	1.85	3.07	1.232484076	1.426628964	0	0.298722	No
<i>ABHD16A</i>	5.75	5.32	4.87	5.92	0.936296296	1.178483042	0	0	No
<i>LY6G5C</i>	1.05	1.78	10.01	10.78	1.356097561	1.070376955	0.447707	0	No
<i>CSNK2B</i>	1.25	2.36	1.82	2.67	1.493333333	1.301237987	0.459593	0.144291	No
<i>GPANK1</i>	0.72	1.17	2.83	2.90	1.261627907	1.018295605	0.164076	0	No
<i>C6orf47</i>	0.12	0.2	0.68	0.81	1.071428571	1.077475118	0	0	No
<i>APOM</i>	2.72	3.07	11.54	13.03	1.094086022	1.118947463	0	0	No
<i>BAG6</i>	0.15	1.75	<0.1	NA	2.391304348	NA	1.78838	NA	No
<i>PRRC2A</i>	0.21	0.62	0.20	0.09	1.338842975	0.904422045	0.552672	0	No
<i>NCR3</i>	0.53	0.79	0.97	1.65	1.169934641	1.345099182	0.113861	0.106355	No
<i>LST1</i>	4.27	6.15	5.16	5.15	1.356736243	0.998904688	0.345064	0	No
<i>NFKBIL1</i>	0.27	0.34	<0.1	NA	1.05511811	NA	0	NA	No
<i>ZNF814</i>	0.15	0.17	<0.1	NA	1.017391304	NA	0	NA	No
<i>MICB</i>	0.24	0.25	6.01	7.05	1.008064516	1.148223377	0	0	No
<i>ZNF551</i>	0.67	0.58	4.97	5.77	0.946107784	1.133221029	0	0.0216048	No
<i>MICA</i>	10.06	10.48	12.76	13.99	1.037974684	1.089375732	0	0	No
<i>ZNF805</i>	1.95	2.04	4.24	4.73	1.030508475	1.093993273	0	0	No
<i>HLA-C</i>	0.25	0.11	<0.1	NA	0.888	NA	0	NA	No
<i>PSORS1C3</i>	0.32	0.55	<0.1	NA	1.174242424	NA	0	NA	No
<i>GUCY2EP</i>	6.52	10.77	<0.1	NA	1.565159574	NA	0.450739	NA	No
<i>POU5F1</i>	0.48	0.73	<0.1	NA	1.168918919	NA	0.0765639	NA	No
<i>CCHCR1</i>	0.35	0.59	<0.1	NA	1.177777778	NA	0	NA	No
<i>PSORS1C2</i>	3.71	5.21	<0.1	NA	1.318471338	NA	0.225942	NA	No
<i>PSORS1C1</i>	0.65	0.76	<0.1	NA	1.066666667	NA	0	NA	No
<i>DHX16</i>	0.61	1.72	<0.1	NA	1.689440994	NA	1.15525	NA	No
<i>C6orf136</i>	4.1	4.75	0.26	0.81	1.12745098	1.439813332	0	0	No
<i>MRPS18B</i>	16.87	16.17	113.30	110.34	0.960828204	0.974069738	0	-0.0973346	No
<i>PPP1R10</i>	57.65	44.27	73.86	82.13	0.771867008	1.110406216	-0.265898	0	No
<i>ABCF1</i>	38.5	18.77	4.49	3.84	0.500506329	0.880796971	-0.834226	0	No
<i>PRR3</i>	28.07	29.77	32.38	32.14	1.058479532	0.992953002	0	-0.0495255	No
<i>LILRB3</i>	0.53	0.71	1.46	1.20	1.117647059	0.895863186	0	-0.0029869	No
<i>DDR1</i>	15.05	9.88	<0.1	NA	0.67788162	NA	-0.269682	NA	No
<i>LINC01123</i>	74.95	61.3	78.70	82.94	0.820276498	1.053189407	-0.240861	0	No
<i>GNL1</i>	2.71	3.28	22.96	27.58	1.153638814	1.19293347	0	0.0342923	No

HLA-E	0.65	1.26	0.18	0.28	1.36969697	1.083919265	0.521904	0	No
TRIM39	0.22	0.24	2.09	2.53	1.016393443	1.143502837	0	0	No
ZNF468	0.92	0.66	<0.1	NA	0.864583333	NA	0	NA	No
TRIM15	0.12	0.31	0.59	0.69	1.169642857	1.060319253	0.515527	0	No
ZNF616	19.95	22.67	47.07	51.39	1.129832936	1.089912504	0.0702	0	No
TRIM10	44.3	42.03	55.30	45.60	0.949889625	0.827785572	0	-0.297151	No
TRIM31	32.7	37.59	45.51	44.82	1.145103858	0.985176257	0.102883	-0.0670671	No
RNF39	0.89	0.5	0.14	0.08	0.793650794	0.947819925	-0.0746178	0	No
PPP1R11	7.61	15	7.00	9.09	1.858304297	1.260832587	0.682336	0	No
AC115618.1	12.8	8.72	60.42	55.44	0.704347826	0.918931062	-0.366684	-0.192916	No
HLA-J	0.18	0.09	0.15	0.11	0.923728814	0.965202293	0	0	No
ZNRD1ASP	0.14	0.08	<0.1	NA	0.947368421	NA	0	NA	No
RACK1	8.1	4.85	13.98	13.73	0.642857143	0.983255275	-0.516668	0	No
HLA-G	6.23	6	25.93	25.28	0.968188105	0.975961132	0	-0.0406285	No
TBC1D8	40.84	46.98	56.71	56.49	1.146749522	0.996224853	0.100292	0	No
HLA-F	0.26	0.54	<0.1	NA	1.222222222	NA	0.187073	NA	No
ZFP57	7.84	5.2	6.72	5.91	0.701357466	0.895642484	-0.281768	-0.158285	No
LINC02210	18.15	19.89	39.47	44.45	1.090861619	1.122940198	0	0	No
ASPDH	14.22	10.04	69.51	65.12	0.725361367	0.937675601	-0.383389	0	No
CBY3	0.71	2.65	<0.1	NA	2.134502924	NA	1.31574	NA	No
AC010624.1	17.99	23.05	40.71	42.90	1.266456029	1.052503468	0.245719	0	No
AKT1S1	120.57	43.17	<0.1	NA	0.363329769	NA	-1.37947	NA	No
GABBR1	51.84	48.51	41.01	41.23	0.936979561	1.005204898	0	0	No
MIR1915HG	30	34.92	<0.1	NA	1.158709677	NA	0.139244	NA	No
STARD7-AS1	2.02	3.32	0.60	0.58	1.430463576	0.985161054	0.352417	0	No
LINC01556	1.43	1.36	13.77	15.78	0.971193416	1.135801326	0	0	No
SPDYC	0.34	0.25	0.58	1.04	0.932835821	1.29137615	-0.0221227	0.308277	No
TRIM27	0.79	0.71	19.63	21.29	0.955307263	1.080267582	0	0	No
AC083899.1	0.16	0.55	<0.1	NA	1.336206897	NA	0.168573	NA	No
AC008429.1	1.28	5.21	0.12	0.17	2.723684211	1.047567597	1.27847	0	No
RANBP17	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
INSYN2B	2.62	2.09	35.94	35.46	0.85359116	0.987081616	0	0	No
CBWD4P	0.9	1.26	2.41	1.75	1.189473684	0.807111032	0	0	No
ZNF204P	25.58	23.19	157.35	163.26	0.910082769	1.037291648	-0.011343	0	No
AL163540.1	7.75	17.63	25.91	25.86	2.129142857	0.998176705	1.00134	0	No
SMPD5	11.87	12.5	17.48	18.48	1.048951049	1.053880994	0	0	No
LINC01291	69	70.15	197.57	178.17	1.016428571	0.902277048	0	0	No
AL391987.2	61.01	71.91	167.37	156.02	1.1757781	0.932608915	0.192495	0	No

MRPL53	1.1	0.52	238.53	264.88	0.723809524	1.110020855	-0.242407	0	No
FGF7P3	37.84	29.87	30.71	27.79	0.794799176	0.908011664	-0.197778	0	No
MROH6	0.38	0.88	0.52	0.63	1.362318841	1.073495459	0.814034	0	No
ATXN2	2.22	4.53	3.50	4.06	1.717391304	1.124783306	0.739099	0	No
DCTN1	0.9	1.62	0.42	0.49	1.378947368	1.05103578	0.528337	0	No
TCTN1	3.07	4.5	<0.1	NA	1.351351351	NA	0	NA	No
FAM216A	0.29	0.12	<0.1	NA	0.868217054	NA	0	NA	No
ZBTB48	0.56	1.68	0.69	0.42	1.717948718	0.840123815	0.903163	0	No
FAM201A	11.93	12.68	9.07	9.84	1.05800464	1.07645372	0	0	No
AC021218.1	0.31	6.27	<0.1	NA	5.549618321	NA	2.67197	NA	No
GPR20	0.84	1.45	<0.1	NA	1.331521739	NA	0.345165	NA	No
MZT1	26.62	21.97	14.13	13.97	0.831643736	0.989250533	-0.164888	-0.0587156	No
ZNF155	13.05	10.41	6.73	7.53	0.812099644	1.103984651	-0.104411	0	No
UQCC3	54.31	41.33	21.21	20.73	0.765322726	0.978490621	-0.273236	-0.0671647	No
FBXO48	6.84	13.5	17.28	18.89	1.849489796	1.087959287	0.820483	0	No
CD177P1	30.39	30.97	22.60	23.81	1.018477222	1.05135964	0	0	No
TP6V0E2-AS	2.02	2.78	5.74	5.53	1.251655629	0.968992709	0.0939879	0	No
CD177	81.54	55.32	0.12	0.16	0.682335837	1.03250869	-0.514921	0	No
PSG5	0.19	0.57	<0.1	NA	1.319327731	NA	0.345835	NA	No
ZNF783	16.32	18.46	7.28	7.96	1.123556582	1.081843383	0.0878573	0	No
ZNF425	3.87	5.61	1.69	1.73	1.357289528	1.014153238	0.286471	0	No
FAM83A-AS1	3.84	11.15	2.22	2.64	2.510330579	1.129094044	1.33901	0	No
LRRC10B	6.51	4.23	<0.1	NA	0.696404794	NA	-0.317567	NA	No
C12orf73	1.11	2.59	1.57	1.35	1.701421801	0.915451607	0.82595	-0.0537481	No
PCDHGA1	1.08	1.34	<0.1	NA	1.125	NA	0	NA	No
ARHGEF34P	45.13	24.22	<0.1	NA	0.546715803	NA	-0.794086	NA	No
PCDHA4	10.74	7.43	0.76	0.63	0.718057922	0.927917652	-0.281929	0	No
TRIM13	29.7	27.64	10.79	12.48	0.932899023	1.143696915	0	0	No
SPIRE2	0.68	0.78	<0.1	NA	1.05952381	NA	0	NA	No
AC118344.1	0.3	0.91	1.82	2.00	1.469230769	1.062917772	0.285084	0	No
SLC35B4	0.31	0.53	<0.1	NA	1.167938931	NA	0.348118	NA	No
SYCE1L	464.15	329.81	<0.1	NA	0.711189939	NA	-0.469653	NA	No
TMEM231	4.47	5.7	12.76	14.04	1.224862888	1.092828787	0.152587	0	No
TMEM240	4.51	11.65	<0.1	NA	2.295825771	NA	1.07213	NA	No
COX17P1	1.19	1.51	<0.1	NA	1.146118721	NA	0.104232	NA	No
C4orf47	0.41	0.32	2.12	4.68	0.936170213	1.820226935	0	0.119816	No
TRIQQ	0.99	1.66	0.57	0.57	1.336683417	0.997065109	0	0	No
SDHAF1	0.32	0.04	<0.1	NA	0.787878788	NA	0	NA	No

<i>ARID3C</i>	8.13	12.16	42.75	42.48	1.441401972	0.993922986	0.43288	-0.0810205	No
<i>PSENEN</i>	1.94	1.81	0.40	1.14	0.955782313	1.531424256	0	0	No
<i>C11orf91</i>	3.88	9.33	<0.1	NA	2.116803279	NA	1.02533	NA	No
<i>LINC00654</i>	0.61	0.92	32.85	31.55	1.192546584	0.961659268	0	-0.0773743	No
<i>ZBTB10</i>	3.33	0.57	<0.1	NA	0.362586605	NA	-0.723878	NA	No
<i>C4orf46</i>	0.11	33.03	<0.1	NA	30.65765766	NA	6.059	NA	No
<i>LGR4</i>	0.24	0.07	<0.1	NA	0.862903226	NA	0	NA	No
<i>PSMB10</i>	0.75	4.38	<0.1	NA	3.074285714	NA	1.97363	NA	No
<i>E2F4</i>	1.02	0.87	1.00	1.00	0.925742574	1.000401769	0	0	No
<i>PDE7A</i>	0.23	0.27	<0.1	NA	1.032520325	NA	0	NA	No
<i>AL356414.1</i>	1.47	2.45	<0.1	NA	1.396761134	NA	0	NA	No
<i>SNX2</i>	1.34	1.38	<0.1	NA	1.017094017	NA	0	NA	No
<i>SAP25</i>	2.49	2.08	<0.1	NA	0.88252149	NA	0	NA	No
<i>NT5M</i>	0.2	0.89	<0.1	NA	1.575	NA	0.489987	NA	No
<i>KRT17P4</i>	0.61	0.95	1.87	1.65	1.211180124	0.922685324	0.00492817	0	No
<i>SARNP</i>	0.92	0.57	<0.1	NA	0.817708333	NA	0	NA	No
<i>ADGRG1</i>	1.25	0.16	68.83	61.22	0.515555556	0.890988613	-0.596782	-0.133984	No
<i>IPO7</i>	4.57	12.92	29.41	33.43	2.499102334	1.132118638	1.29527	0.0158173	No
<i>PRR13</i>	3.01	3.64	7.99	8.02	1.157107232	1.003241638	0.126545	0	No
<i>TECPR1</i>	16.42	15.8	28.23	28.70	0.964408726	1.016055736	0	-0.047953	No
<i>INSYN1</i>	1.28	0.66	5.97	5.23	0.728070175	0.893362551	-0.575111	-0.0646833	No
<i>SAMD9</i>	2.91	3.24	22.07	20.57	1.084398977	0.935193932	0	-0.0982907	No
<i>KRT6A</i>	4.86	4.16	21.15	24.45	0.880546075	1.148830577	0	0	No
<i>CNEP1R1</i>	1.54	0.89	13.37	10.55	0.744094488	0.803640464	-0.272559	-0.25099	No
<i>KRT81</i>	0.25	0.51	<0.1	NA	1.208	NA	0	NA	No
<i>EXOC3L4</i>	0.41	1.98	<0.1	NA	2.113475177	NA	1.15604	NA	No
<i>CCDC85C</i>	25.4	25.25	21.74	20.61	0.994318182	0.950373791	0	-0.0507359	No
<i>AC004980.1</i>	0.53	0.63	1.17	1.32	1.065359477	1.07024045	0	0	No
<i>RGL3</i>	26.43	26.26	20.22	17.46	0.993802406	0.86981961	0	-0.216356	No
<i>NAP1L4</i>	0.35	0.36	0.97	1.37	1.007407407	1.202381128	0	0	No
<i>SMG1P2</i>	0.17	0.06	<0.1	NA	0.905982906	NA	0	NA	No
<i>TMSB4X</i>	0.94	1.22	0.44	0.30	1.144329897	0.901699658	0	0	No
<i>TMEM256</i>	1.21	1.21	<0.1	NA	1	NA	0	NA	No
<i>C9orf92</i>	0.15	2.25	<0.1	NA	2.826086957	NA	2.96029	NA	No
<i>CHKB-DT</i>	2.18	2.51	5.83	5.41	1.103773585	0.939100856	0	-0.0409518	No
<i>CPT1B</i>	0.67	1.01	0.93	1.28	1.203592814	1.181776937	0	0	No
<i>SMN2</i>	0.82	1.8	<0.1	NA	1.538461538	NA	0.479942	NA	No
<i>HMGN1</i>	0.19	2.31	0.44	0.46	2.781512605	1.012939387	2.16486	0	No

<i>STAG3L1</i>	2.05	1.88	3.98	4.45	0.944262295	1.09404237	0	0	No
<i>DENND6B</i>	0.65	0.22	0.59	0.66	0.739393939	1.046184185	-0.798743	0	No
<i>EIF3CL</i>	6.5	8.13	0.57	0.51	1.217333333	0.960744483	0.131318	0	No
<i>LCMT1</i>	0.29	0.04	<0.1	NA	0.80620155	NA	-1.56122	NA	No
<i>MFSD2B</i>	0.37	0.61	5.90	5.65	1.175182482	0.963324936	0.166129	-0.0776642	No
<i>CDPF1</i>	5.25	4.91	2.19	2.96	0.9456	1.242836708	0	0	No
<i>LIN52</i>	0.15	0.26	<0.1	NA	1.095652174	NA	0	NA	No
<i>CYP2D7</i>	1.06	1.05	4.15	4.96	0.995145631	1.156866682	0	0	No
<i>LINC00634</i>	0.39	3.25	4.45	6.85	3.057553957	1.439742531	1.63737	0	No
<i>ETFRF1</i>	2.25	1.47	3.53	2.59	0.76	0.792043662	-0.283453	-0.398746	No
<i>C17orf107</i>	0.51	0.74	4.14	4.56	1.152317881	1.080842932	0	0	No
<i>ITSN1</i>	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
<i>ITPRIPL2</i>	0.31	0.31	<0.1	NA	1	NA	0	NA	No
<i>DENND1C</i>	0.68	0.5	4.98	4.46	0.892857143	0.912283647	0	-0.0504123	No
<i>AC126755.1</i>	22	18.18	15.27	12.69	0.833913043	0.841277284	-0.0437348	-0.221782	No
<i>CRLF2</i>	0.42	0.38	0.12	0.29	0.971830986	1.149542473	0	0	No
<i>CRYZL1</i>	16.29	18.04	37.05	38.38	1.101214575	1.034888892	0	0	No
<i>RP9P</i>	0.18	0.12	<0.1	NA	0.949152542	NA	0	NA	No
<i>C5orf51</i>	0.14	0.66	<0.1	NA	1.456140351	NA	1.46195	NA	No
<i>ARRDC5</i>	1.23	1.56	2.51	2.46	1.147982063	0.987107899	0.0428916	0	No
<i>DPP9-AS1</i>	4.61	4.91	11.33	9.76	1.053475936	0.872813259	0	-0.239551	No
<i>LOH12CR2</i>	62.57	29.46	145.38	135.71	0.479156835	0.933945851	-0.951035	-0.162104	No
<i>AC098591.2</i>	44.09	34.52	76.21	71.43	0.787757818	0.938133255	-0.260007	-0.178099	No
<i>CYS1</i>	0.77	1.39	19.43	16.57	1.350282486	0.859904177	0.507016	-0.275936	No
<i>PLPP6</i>	0.31	0.16	<0.1	NA	0.885496183	NA	0	NA	No
<i>OR7E91P</i>	2.75	3.49	12.60	14.40	1.197333333	1.132324226	0.134381	9.428E-05	No
<i>PCOTH</i>	0.22	0.22	102.01	87.51	1	0.85924209	0	-0.109976	No
<i>KRTAP5-1</i>	2.56	1.63	11.56	10.80	0.738764045	0.939387467	-0.097957	0	No
<i>RPS3AP47</i>	0.13	0.14	<0.1	NA	1.008849558	NA	0	NA	No
<i>C1RL-AS1</i>	0.43	0.7	69.43	72.86	1.188811189	1.048665765	0	0	No
<i>AC108134.1</i>	44.74	52.23	<0.1	NA	1.16375164	NA	0.169462	NA	No
<i>ZNF316</i>	14.74	13.18	32.75	36.29	0.900889454	1.104897523	-0.0515431	0	No
<i>PDPK2P</i>	18.44	35.15	116.19	121.19	1.859567901	1.042648002	0.798313	0	No
<i>OLIG2</i>	2.05	2.08	9.74	8.92	1.009836066	0.923586651	0	-0.1439	No
<i>RNPS1</i>	1.06	1.83	<0.1	NA	1.373786408	NA	0.421484	NA	No
<i>AC105345.1</i>	2.58	6.81	3.66	4.28	2.181564246	1.133717691	1.18327	0	No
<i>NYNRIN</i>	2.7	4.11	<0.1	NA	1.381081081	NA	0.248565	NA	No
<i>DNAJC19</i>	3.67	4.15	3.84	5.26	1.102783726	1.292375583	0	0.0544207	No

<i>IFITM5</i>	381.26	504.67	0.13	0.77	1.322843091	1.568676133	0.366683	0.916099	No
<i>JPT2</i>	1.18	5.6	0.46	0.55	3.027522936	1.063327189	1.8267	0	No
<i>SERPINB4</i>	7.14	8.94	7.49	5.84	1.221130221	0.805813435	0.231939	-0.388692	No
<i>SERPINB5</i>	2.35	2.39	<0.1	NA	1.011940299	NA	0	NA	No
<i>TMEM191C</i>	1.38	4.71	<0.1	NA	2.399159664	NA	1.41425	NA	No
<i>P2RX6P</i>	15.85	19.04	59.74	64.79	1.189317507	1.083121979	0.148565	0	No
<i>HERC2P9</i>	0.39	0.37	0.93	0.87	0.985611511	0.967313617	0	0	No
<i>HBA1</i>	65.64	43.31	80.48	73.95	0.664915966	0.919828919	-0.414198	-0.0377446	No
<i>ATP10A</i>	0.17	0.09	<0.1	NA	0.931623932	NA	0	NA	No
<i>DUXAP8</i>	0.69	0.54	<0.1	NA	0.911242604	NA	0	NA	No
<i>HCP5</i>	1.58	1.47	11.42	12.54	0.957364341	1.090114341	0	0	No
<i>HCG27</i>	1.59	1.36	2.53	3.66	0.911196911	1.319260687	0	0	No
<i>H1-10-AS1</i>	22.24	21.64	192.42	183.13	0.974182444	0.951982464	0	-0.107547	No
<i>RAB12</i>	2.09	3.62	2.98	2.71	1.495145631	0.93297688	0.327498	-0.0244734	No
<i>HLA-A</i>	1.05	1.29	7.94	8.98	1.117073171	1.116304117	0	0	No
<i>HACD2</i>	1.93	2.08	1.92	2.28	1.051194539	1.124459446	0	-0.197737	No
<i>LNP1</i>	10.7	11.16	10.09	9.43	1.039316239	0.940866446	0	0	No
<i>VGLL3</i>	0.17	0.47	<0.1	NA	1.256410256	NA	0.460975	NA	No
<i>ANKRD28</i>	3.98	3.75	8.96	7.40	0.953815261	0.843461654	0	-0.24997	No
<i>METTL6</i>	5.29	3.43	5.29	5.91	0.704292528	1.099351486	-0.345331	0	No
<i>AC022007.1</i>	0.77	0.81	0.28	0.42	1.02259887	1.112337429	0	0	No
<i>HUMPD3-AS</i>	0.39	1.38	0.38	0.54	1.712230216	1.116387012	0.559551	0	No
<i>SNORA69</i>	0.93	1.12	<0.1	NA	1.098445596	NA	0	NA	No
<i>SNORD60</i>	0.17	1.5	0.63	0.38	2.136752137	0.846466898	1.97289	-0.133474	No
<i>SNORA80B</i>	0.82	1.68	1.78	2.09	1.472527473	1.110181726	0.811008	0	No
<i>RNU1-1</i>	8.84	14.31	4.39	4.41	1.555894309	1.003419113	0.573794	0	No
<i>RNU6-1039F</i>	6.58	9.37	14.63	13.14	1.368073879	0.904734924	0.326287	-0.121588	No
<i>RNU6-26P</i>	1.12	1.39	<0.1	NA	1.127358491	NA	0	NA	No
<i>SNORD101</i>	0.66	0.45	13.82	12.64	0.873493976	0.92034681	0	0	No
<i>SNORA70</i>	4.74	6.52	9.39	10.55	1.31010453	1.112001685	0.0707836	0	No
<i>SNORD15A</i>	8.23	7.49	14.59	16.12	0.919826652	1.097963518	0	0	No
<i>RNU6-5P</i>	0.13	0.22	<0.1	NA	1.079646018	NA	0	NA	No
<i>RNU6-574P</i>	0.16	0.03	1.26	1.92	0.887931034	1.292953895	0	0	No
<i>RNU6-154P</i>	0.17	0.31	0.17	0.13	1.11965812	0.967813232	0	0	No
<i>RNU6-3P</i>	0.23	0.13	<0.1	NA	0.918699187	NA	0	NA	No
<i>SNORA15B-1</i>	1.09	0.53	0.26	0.15	0.732057416	0.912474357	-0.289449	0	No
<i>SNORA14B</i>	2.74	3.31	<0.1	NA	1.152406417	NA	0	NA	No
<i>RNU6-1157F</i>	0.85	0.8	<0.1	NA	0.972972973	NA	0	NA	No

<i>SNORD116-l</i>	0.12	0.35	<0.1	NA	1.205357143	NA	0	NA	No
<i>RNU6-45P</i>	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
<i>RNVU1-15</i>	0.4	0.4	<0.1	NA	1	NA	0	NA	No
<i>SNORD20</i>	1.01	1.25	1.40	1.98	1.119402985	1.241107619	0	0	No
<i>RNVU1-1</i>	0.33	0.51	<0.1	NA	1.135338346	NA	0	NA	No
<i>AL133238.1</i>	9.01	9.24	32.40	31.36	1.022977023	0.96879727	0	-0.16336	No
<i>Y_RNA</i>	0.11	0.16	<0.1	NA	1.045045045	NA	0	NA	No
<i>SNORD15B</i>	0.25	0.1	22.10	30.04	0.88	1.343606282	0	0.21771	No
<i>SNORA46</i>	21.17	26.51	87.03	89.26	1.240866035	1.025324436	0.24704	-0.0316797	No
<i>SNORA66</i>	0.77	0.32	<0.1	NA	0.745762712	NA	-0.511407	NA	No
<i>Y_RNA</i>	3.33	3.37	<0.1	NA	1.009237875	NA	0	NA	No
<i>MIR25</i>	14.37	9.77	5.79	5.63	0.70071568	0.975980395	-0.387317	0	No
<i>MIR647</i>	0.15	0.15	0.49	0.42	1	0.949926311	0	0	No
<i>MIR635</i>	30.61	46.7	<0.1	NA	1.509016134	NA	0.526918	NA	No
<i>MIR203A</i>	0.71	0.05	<0.1	NA	0.614035088	NA	-1.37525	NA	No
<i>MIR593</i>	9.83	13.57	<0.1	NA	1.345337027	NA	0.297578	NA	No
<i>MIR200A</i>	0.17	0.29	2.64	2.06	1.102564103	0.841605408	0	0	No
<i>MIR193A</i>	0.29	0	<0.1	NA	0.775193798	NA	0	NA	No
<i>MIR499A</i>	1.23	1.85	3.73	4.94	1.278026906	1.255456387	0.278471	0.113002	No
<i>MIR570</i>	0.13	0.06	<0.1	NA	0.938053097	NA	0	NA	No
<i>MIR573</i>	0.13	0.08	11.19	8.26	0.955752212	0.759947264	0	-0.458571	No
<i>MIR141</i>	0.69	0.37	2.42	2.61	0.810650888	1.055047973	-0.393767	-0.0433089	No
<i>MIR623</i>	4.72	9.74	<0.1	NA	1.877622378	NA	0.914943	NA	No
<i>MIR200B</i>	0.93	1.4	0.81	0.83	1.243523316	1.010146601	0	0	No
<i>MIR657</i>	0.14	0.59	<0.1	NA	1.394736842	NA	0.55978	NA	No
<i>MIR590</i>	34.22	25.21	5.31	5.88	0.744179443	1.090127411	-0.311554	0	No
<i>MIR553</i>	19.66	20.13	4.59	7.07	1.022749274	1.444249869	0	0.0300997	No
<i>AP000553.1</i>	1.06	1.2	1.09	0.90	1.067961165	0.906765834	0	-0.0084021	No
<i>MIR93</i>	0.35	0.8	<0.1	NA	1.333333333	NA	0.762489	NA	No
<i>MIR26A2</i>	4.28	5.16	5.72	5.13	1.166666667	0.912793216	0.117589	-0.111711	No
<i>MIR33B</i>	2.15	2.44	3.84	6.08	1.092063492	1.462133473	0	0.257644	No
<i>MIR567</i>	0.84	2.36	<0.1	NA	1.826086957	NA	1.04033	NA	No
<i>MIR574</i>	2.05	3.14	5.94	7.88	1.357377049	1.279396856	0.386746	0.00546652	No
<i>MIR624</i>	0.81	0	0.39	0.00	0.552486188	0.71942446	0	0	No
<i>MIR579</i>	0.64	0	3.72	7.97	0.609756098	1.900420918	0	0	No
<i>MIR589</i>	0.39	0	1.13	0.00	0.71942446	0.469483568	0	0	No
<i>MIR616</i>	0.33	0	1.25	1.55	0.751879699	1.133947153	0	0	No
<i>MIR106B</i>	0.5	0	<0.1	NA	0.666666667	NA	0	NA	No

MIR320A	0.5	1.5	<0.1	NA	1.666666667	NA	0	NA	No
SNORD94	4.39	3.66	4.23	5.58	0.864564007	1.257451476	0	0	No
MT-RNR2	0.4	0	16.76	21.86	0.714285714	1.287265346	0	0	No
MT-TP	0.72	0	0.35	0.00	0.581395349	0.740740741	0	0	No
GPX3	0.5	0	<0.1	NA	0.666666667	NA	0	NA	No
DIO2	1.5	0	<0.1	NA	0.4	NA	0	NA	No
SELENOH	0.5	0	<0.1	NA	0.666666667	NA	0	NA	No
GNRHR2	0.5	0	<0.1	NA	0.666666667	NA	0	NA	No
STK38L	0.4	0	<0.1	NA	0.714285714	NA	0	NA	No
SACM1L	1.58	3.56	3.81	3.39	1.76744186	0.91317117	0	0	No
MT-RNR1	0.5	0	<0.1	NA	0.666666667	NA	0	NA	No
TSN	0.56	0	2.65	0.52	0.641025641	0.417696088	0	0	No
MIR760	1	0	0.48	2.85	0.5	2.603636016	0	0	No
SLC48A1	0.65	0	2.80	4.32	0.606060606	1.399352789	0	0	No
TRBV6-4	0.67	1.33	3.86	4.45	1.395209581	1.12190612	0	0	No
TRBV7-3	0.65	1.63	0.94	0.00	1.593939394	0.515463918	0	0	No
TRBV9	1.08	0	<0.1	NA	0.480769231	NA	0	NA	No
TRAV39	24.59	14.95	<0.1	NA	0.623290348	NA	0	NA	No
TRDC	1.46	0	1.76	0.70	0.406504065	0.614876414	0	0	No
IGHE	0.79	0	1.14	1.13	0.558659218	0.995693664	0	0	No
PRR22	1.21	1.2	3.87	4.21	0.995475113	1.069519228	0	-0.142567	No
TAS2R14	0.53	0	<0.1	NA	0.653594771	NA	0	NA	No
SNORD67	11.46	9.54	24.48	28.47	0.845906902	1.156653723	0	0	No
RNA5SP372	3.9	4.45	28.38	29.68	1.112244898	1.044353016	0	0	No
AC015982.1	2.73	1.09	1.05	2.60	0.560321716	1.754238425	0	0	No
SNORD17	0.97	1.94	<0.1	NA	1.492385787	NA	0	NA	No
RNA5SP18	1.07	1.07	<0.1	NA	1	NA	0	NA	No
SNORD72	10.1	1.78	<0.1	NA	0.25045045	NA	-0.333258	NA	No
AF111168.1	1.82	3.64	0.58	0.58	1.645390071	0.99888737	0	0	No
SNORA53	0.44	0.44	<0.1	NA	1	NA	0	NA	No
SNORD69	8.27	5.51	18.02	25.18	0.702265372	1.376464489	0	0	No
SNORD19	1.08	0.54	2.08	2.06	0.740384615	0.992198608	0	0	No
SNORA75	2.25	0	<0.1	NA	0.307692308	NA	0	NA	No
RNU6-510P	1.09	0.54	0.52	0.52	0.736842105	0.999498522	0	0	No
SNORA3B	7.88	4.5	0.54	0.00	0.619369369	0.649350649	0	0	No
AC064799.1	0.55	0	2.10	0.52	0.64516129	0.490076695	0	0	No
LINC01089	1.1	2.75	6.89	4.72	1.785714286	0.725135169	0	0	No
RTL8B	0.79	0	<0.1	NA	0.558659218	NA	0	NA	No

ST13P5	0.39	0.68	<0.1	NA	1.208633094	NA	0	NA	No
RPL15P3	0.67	0	1.93	5.09	0.598802395	2.077996584	0	0	No
RNF208	0.64	0	<0.1	NA	0.609756098	NA	0	NA	No
MT-ND4L	1.67	0.56	11.78	15.37	0.584269663	1.281032943	0	0	No
MAP10	1.09	2.18	<0.1	NA	1.5215311	NA	0	NA	No
BX005266.1	1.11	0	<0.1	NA	0.473933649	NA	0	NA	No
AC016747.1	0.55	0	<0.1	NA	0.64516129	NA	0	NA	No
RPS26P6	1.09	3.27	0.52	0.52	2.043062201	0.999498522	0	0	No
RPS15AP36	1.62	7.55	4.67	3.60	3.263358779	0.810926014	0.00136709	0	No
ZNF580	1.1	1.65	3.25	6.96	1.261904762	1.873706251	0	0	No
AL590762.1	1.96	0	1.88	3.72	0.337837838	1.640039801	0	0	No
ZNF611	3.91	0.65	0.63	0.00	0.33604888	0.613496933	0	0	No
KLK9	2.73	2.73	4.50	7.06	1	1.464924616	0	0	No
SYT3	3194.96	3870.04	<0.1	NA	1.211229177	NA	0.261701	NA	No
NUP62	139.15	308.61	<0.1	NA	2.209133072	NA	0.846596	NA	No
AL354983.1	70.89	59.73	0.35	0.69	0.844762832	1.254441793	-0.170501	0	No
CGB8	2.17	2.8	<0.1	NA	1.19873817	NA	0.11179	NA	No
DENND1B	60.97	59.61	<0.1	NA	0.978053897	NA	0	NA	No
C1orf220	1.43	0.64	1.17	1.22	0.674897119	1.023270103	-0.432718	0.238324	No
PFN1P11	2.75	3.77	4.23	5.13	1.272	1.172555544	0.219127	0	No
Z99572.1	2.35	2.73	15.03	17.16	1.113432836	1.132783384	0	0	No
SFT2D2	1669.52	1854.84	<0.1	NA	1.110935517	NA	0.12507	NA	No
CEP43	13.82	17.25	18.92	20.22	1.231443995	1.065395955	0.186757	0	No
SCAF8	3.34	1.33	0.64	0.64	0.536866359	0.997601371	0	0	No
AL354714.2	18.58	18.95	5.68	5.70	1.018896834	1.003349364	0	0	No
PPP1R14BP2	0.48	0.72	4.21	4.13	1.162162162	0.984793678	0	0	No
CFAP45	0.16	0.11	0.16	0.16	0.956896552	1.000014367	0	0	No
ZNF254	3.85	0	2.32	1.83	0.206185567	0.853525452	-0.0100004	0	No
TCTEX1D2	0.46	0	<0.1	NA	0.684931507	NA	0	NA	No
EEF1DP5	0.72	0	<0.1	NA	0.581395349	NA	0	NA	No
CRYGS	8.35	8.79	4.34	4.94	1.047058824	1.112029187	0	0	No
CNN2P9	0.88	1.32	<0.1	NA	1.234042553	NA	0	NA	No
KLHL23	0.67	0	1.93	2.54	0.598802395	1.209646756	0	0.335297	No
RPL22P1	0.7	1.75	<0.1	NA	1.617647059	NA	0	NA	No
RPL36AP48	0.43	0	1.03	1.02	0.699300699	0.993943841	0	0	No
FAM24B	2.78	0.69	2.67	5.29	0.447089947	1.713020274	0	0	No
TRIM59	3.93	1.57	7.44	7.36	0.521298174	0.991111092	0	0	No
BTF3L4P2	0.71	1.07	0.75	5.20	1.210526316	3.542832945	0	0	No

MLLT11	0.99	0.49	<0.1	NA	0.748743719	NA	0	NA	No
ASIC3	1.63	1.63	<0.1	NA	1	NA	0	NA	No
AL049697.1	4.24	3.75	<0.1	NA	0.90648855	NA	0	NA	No
CCDC183	2.19	2.29	17.78	16.59	1.031347962	0.936834923	0	0	No
ARHGEF35	5.24	5.02	<0.1	NA	0.96474359	NA	0	NA	No
DNLZ	0.29	0.14	<0.1	NA	0.88372093	NA	0	NA	No
TOMM40P4	120.83	85	<0.1	NA	0.705901666	NA	-0.367441	NA	No
NOC2LP1	8.23	15.23	0.91	0.80	1.758396533	0.944085568	0.576386	0	No
YWHAZP2	302.58	477.17	<0.1	NA	1.575103762	NA	0.552665	NA	No
H3P4	0.21	0.26	6.13	4.46	1.041322314	0.76562088	0	-0.457947	No
SUPT4H1	0.35	0.58	<0.1	NA	1.17037037	NA	0	NA	No
RBMS2P1	1.39	1.58	<0.1	NA	1.079497908	NA	0	NA	No
EEF1B2P6	0.77	0.31	<0.1	NA	0.740112994	NA	0	NA	No
NRAS	0.42	0.56	<0.1	NA	1.098591549	NA	0	NA	No
AC012618.1	9.94	14.54	33.87	31.13	1.42047532	0.921320776	0.351516	-0.14274	No
HNRNPA3P6	0.37	0	<0.1	NA	0.729927007	NA	0	NA	No
LTC4S	0.84	3.45	1.75	1.85	2.418478261	1.037385374	1.692	0	No
RPS7P11	0.89	0.7	<0.1	NA	0.899470899	NA	0	NA	No
ANKRD39	0.17	0.11	5.56	5.81	0.948717949	1.03856236	0	0	No
QTRT1	21.08	24.99	71.64	70.43	1.177083333	0.983392803	0.151713	-0.104368	No
CHUK	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
MXD3	1.02	0.88	2.98	3.15	0.930693069	1.041844814	0	0	No
GSTM2	0.42	1.14	0.18	0.30	1.507042254	1.098465401	0.597208	0	No
COG8	0.41	0	<0.1	NA	0.709219858	NA	0	NA	No
AC105052.2	0.19	0.44	<0.1	NA	1.210084034	NA	0.688368	NA	No
ARHGAP19	3.44	4.31	10.51	10.88	1.195945946	1.032017048	0.158859	0	No
HAUS7	0.5	0.64	<0.1	NA	1.093333333	NA	0	NA	No
LCAT	2.85	4.26	14.57	14.00	1.366233766	0.96315992	0.327223	-0.103729	No
ANXA2P1	1.46	2	<0.1	NA	1.219512195	NA	0	NA	No
HNRNPA1P3	0.36	0.36	<0.1	NA	1	NA	0	NA	No
GPC2	1.59	2.6	0.20	0.34	1.38996139	1.116816898	0.233328	0	No
KRT222	0.25	0.65	2.25	2.51	1.32	1.079312916	0.734425	0	No
HSPD1P1	13.77	4.33	9.77	9.97	0.360866622	1.018312321	-1.28977	0	No
RPLP1P6	2.7	2.35	<0.1	NA	0.905405405	NA	0	NA	No
RPL18AP3	0.44	0.59	0.31	0.79	1.104166667	1.363083986	0	0	No
SIPA1	0.12	0.18	<0.1	NA	1.053571429	NA	0	NA	No
PPIAP82	1.32	1.7	0.85	0.86	1.163793103	1.006278984	0	0	No
ERV3-1	50.98	27.87	<0.1	NA	0.555405925	NA	-0.586711	NA	No

<i>SYNJ2BP</i>	0.17	1.02	<0.1	NA	1.726495726	NA	0	NA	No
<i>ARL2</i>	8.81	8.35	10.59	11.01	0.953109072	1.036028589	0	0	No
<i>NT5C3AP1</i>	2.9	5.23	8.36	10.17	1.597435897	1.193849821	0.645649	0.0526299	No
<i>IMPDH1P5</i>	10.97	13.58	<0.1	NA	1.218045113	NA	0	NA	No
<i>RBMXL1</i>	0.24	1.27	0.55	0.64	1.830645161	1.055906932	1.22087	0	No
<i>SRA1</i>	2.35	1.73	1.58	2.53	0.814925373	1.367779791	0	0	No
<i>STIMATE</i>	0.11	0.05	<0.1	NA	0.945945946	NA	0	NA	No
<i>TXN2P1</i>	0.56	0.56	5.60	6.85	1	1.189385488	0	0	No
<i>AC007000.2</i>	6.35	7.39	0.17	0.37	1.141496599	1.171132046	0	0.0642076	No
<i>DNAJC9</i>	0.14	0.03	15.70	16.42	0.903508772	1.043053299	0	0	No
<i>RPLP0P6</i>	1.25	1.72	<0.1	NA	1.208888889	NA	0	NA	No
<i>AC068050.1</i>	0.22	3.07	<0.1	NA	3.336065574	NA	2.71407	NA	No
<i>C8orf82</i>	0.37	0.29	<0.1	NA	0.941605839	NA	0	NA	No
<i>AL390039.1</i>	5.4	7.57	<0.1	NA	1.3390625	NA	0	NA	No
<i>VDAC1</i>	9.54	9.2	42.27	45.96	0.967741935	1.085349243	0	0	No
<i>ZBTB9</i>	0.31	0.13	<0.1	NA	0.86259542	NA	0	NA	No
<i>TMX2</i>	0.56	1.19	<0.1	NA	1.403846154	NA	0	NA	No
<i>X1A-SULT1A</i>	0.26	0.39	<0.1	NA	1.103174603	NA	0	NA	No
<i>HEXA</i>	3.67	2.6	<0.1	NA	0.770877944	NA	0	NA	No
<i>NDUFS3</i>	2.47	2.82	74.91	77.97	1.100864553	1.040286927	0	0	No
<i>LEPROT</i>	15.87	12.48	<0.1	NA	0.799051571	NA	0	NA	No
<i>LBH</i>	1.74	1.57	14.25	14.05	0.937956204	0.987079074	0	0	No
<i>ADAT3</i>	17.53	17.11	36.30	34.22	0.977334053	0.944128084	0	-0.0920723	No
<i>PPP1CB</i>	12.32	8.89	88.54	87.63	0.742492492	0.989783053	-0.320901	-0.0993052	No
<i>GPSM3</i>	0.15	0.23	3.27	4.20	1.069565217	1.21786302	0	0	No
<i>NCKIPSD</i>	2.55	2.54	17.08	16.64	0.997183099	0.975787963	0	-0.0733946	No
<i>ATF6B</i>	0.74	0.07	<0.1	NA	0.614942529	NA	-0.509897	NA	No
<i>AC002056.1</i>	0.93	1.32	12.35	12.36	1.202072539	1.00068802	0.092776	-0.0336691	No
<i>SEC14L1P1</i>	0.55	0.75	10.86	13.07	1.129032258	1.186094262	0	0	No
<i>S1PR3</i>	3.32	5.17	4.21	4.77	1.428240741	1.108031806	0.302493	0	No
<i>SLC35F6</i>	0.23	0.4	<0.1	NA	1.138211382	NA	0	NA	No
<i>RPL17P50</i>	1.52	0.86	<0.1	NA	0.738095238	NA	0	NA	No
<i>AL590762.2</i>	0.24	0.54	1.19	1.28	1.241935484	1.039521155	0.232988	0	No
<i>HMGB1P10</i>	0.17	0.03	<0.1	NA	0.88034188	NA	0	NA	No
<i>PIGCP1</i>	2.26	3.65	<0.1	NA	1.426380368	NA	0.194035	NA	No
<i>FAM209B</i>	0.72	1.03	<0.1	NA	1.180232558	NA	0	NA	No
<i>CLIC1</i>	179.62	81.21	<0.1	NA	0.455154468	NA	-1.00269	NA	No
<i>DDAH2</i>	23.57	19.16	78.83	69.45	0.820512821	0.882439149	-0.188399	-0.281516	No

<i>SERBP1P1</i>	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
<i>RPS29</i>	1.11	1.17	8.66	21.97	1.028436019	2.377664628	0	1.07055	No
<i>ZNF337-AS1</i>	2.3	3.43	0.59	0.87	1.342424242	1.177429872	0.325429	0.0465895	No
<i>CENPBD1P1</i>	40.49	25.4	73.54	57.17	0.636297903	0.780360568	-0.535399	-0.37951	No
<i>ATP6V1G2</i>	0.19	0.35	<0.1	NA	1.134453782	NA	0	NA	No
<i>ZNF134</i>	0.14	0.31	<0.1	NA	1.149122807	NA	0	NA	No
<i>GTF2H4</i>	4.61	5.61	3.80	4.70	1.178253119	1.187794499	0.0649518	0	No
<i>DDX47</i>	30.6	19.88	38.84	40.58	0.660759494	1.043587621	-0.50152	0	No
<i>OLA1P1</i>	1.06	1.33	<0.1	NA	1.131067961	NA	0	NA	No
<i>ZNF888</i>	0.22	0.11	<0.1	NA	0.909836066	NA	0	NA	No
<i>ZNF845</i>	0.27	0.07	<0.1	NA	0.842519685	NA	0	NA	No
<i>ZNF321P</i>	12.18	14.67	34.05	40.00	1.18892261	1.169618129	0.101038	0	No
<i>TMX2P1</i>	64.16	47.91	<0.1	NA	0.750613874	NA	-0.269791	NA	No
<i>EMP2</i>	0.14	1.26	<0.1	NA	1.98245614	NA	0	NA	No
<i>VDAC1P2</i>	56.79	37.51	89.06	66.98	0.666378266	0.754806881	-0.504269	-0.49515	No
<i>KCTD11</i>	0.17	0.52	<0.1	NA	1.299145299	NA	0	NA	No
<i>RPL21P75</i>	86.51	96.11	132.31	120.69	1.109701748	0.91281207	0.0860389	-0.223905	No
<i>AC044787.1</i>	3.82	6.6	6.81	8.67	1.576763485	1.23837529	0.502629	0.0437517	No
<i>YBX1P10</i>	61.5	66.43	36.35	40.52	1.07888	1.111668743	0.0198159	0	No
<i>TAF9BP1</i>	1.84	1.46	0.28	0.32	0.866197183	1.032177848	0	-0.280723	No
<i>NPM1P6</i>	5.96	4.16	27.80	29.00	0.74137931	1.041761865	-0.37904	0	No
<i>RPL13AP7</i>	21.1	18.24	65.83	70.84	0.870588235	1.074908841	-0.0805001	0	No
<i>LINC01521</i>	4.75	10.55	8.07	9.53	2.008695652	1.161372191	0.965767	0	No
<i>PPM1N</i>	0.57	3.03	3.52	4.21	2.566878981	1.152364792	1.89861	0	No
<i>CEACAM16</i>	2	4.46	20.68	19.53	1.82	0.946860607	0.714222	-0.106157	No
<i>LTB4R</i>	22.94	28.15	21.81	24.68	1.217627402	1.12570045	0.203954	0	No
<i>LIPE-AS1</i>	2.01	8.83	128.29	129.35	3.265780731	1.008236422	1.69003	0	No
<i>LTB4R2</i>	15.58	14.66	21.95	21.69	0.94451146	0.988849653	0	-0.0719321	No
<i>DNASE1</i>	52.86	31.77	159.88	153.10	0.608429261	0.957877212	-0.643117	0	No
<i>MDP1</i>	1.9	1.69	<0.1	NA	0.927586207	NA	0	NA	No
<i>CSNK1E</i>	0.32	0.71	0.70	0.77	1.295454545	1.042111128	0	0	No
<i>IRF9</i>	1.69	4.09	6.40	6.53	1.892193309	1.017406928	1.08514	0	No
<i>GALT</i>	16.43	16.27	4.35	5.81	0.990820425	1.273709891	0	0.124899	No
<i>CLDN9</i>	0.29	0	<0.1	NA	0.775193798	NA	0	NA	No
<i>AC091153.1</i>	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
<i>AC005840.1</i>	0.85	0.09	<0.1	NA	0.589189189	NA	0	NA	No
<i>ITGA1</i>	1.67	1.19	<0.1	NA	0.820224719	NA	0	NA	No
<i>KRT18P29</i>	0.15	0.23	<0.1	NA	1.069565217	NA	0	NA	No

<i>NUDT19</i>	272.8	191.1	429.72	402.12	0.701607012	0.935931335	-0.461025	-0.192179	No
<i>ZNF726</i>	45.25	38.55	41.11	50.04	0.855135135	1.212016056	-0.120459	0	No
<i>TAX1BP3</i>	9.36	11.69	<0.1	NA	1.224903475	NA	0.00627951	NA	No
<i>AP1G2</i>	18.87	11.58	162.98	221.28	0.633115249	1.355547504	-0.613108	0.228823	No
<i>AC078899.1</i>	0.44	1.11	2.53	2.37	1.465277778	0.955094999	0.777139	0	No
<i>ZNF90</i>	4.07	2.63	13.26	12.47	0.715976331	0.94486875	-0.429745	-0.139665	No
<i>AL157395.1</i>	0.17	0.5	1.99	1.56	1.282051282	0.854664164	0	-0.0557342	No
<i>NAXD</i>	6.17	10.07	4.41	4.82	1.543933054	1.076049434	0.532093	0	No
<i>MEF2B</i>	2.5	2.09	7.82	6.97	0.882857143	0.903464622	0	0	No
<i>GANC</i>	0.5	0.48	13.30	14.73	0.986666667	1.100048406	0	0	No
<i>RRM2P3</i>	0.94	1.08	<0.1	NA	1.072164948	NA	0	NA	No
<i>TTLL3</i>	1.72	4.17	1.32	1.88	1.900735294	1.242399719	0.945456	0	No
<i>REPIN1</i>	1.33	3.7	1.74	1.78	2.017167382	1.015453617	1.17298	0	No
<i>SMIM7</i>	0.3	0.87	0.73	0.74	1.438461538	1.006508511	0.433384	0	No
<i>UCA1</i>	5.29	5.43	<0.1	NA	1.022257552	NA	0	NA	No
<i>FBXO16</i>	15.82	16.47	0.51	1.53	1.038644471	1.676771931	0	1.05304	No
<i>TSPAN4</i>	3.02	3.83	<0.1	NA	1.201492537	NA	0	NA	No
<i>CPNE1</i>	4.37	7.48	3.72	3.31	1.579143389	0.91411514	0.507574	-0.0873047	No
<i>ARL16</i>	5.09	2.87	<0.1	NA	0.63546798	NA	-0.0106889	NA	No
<i>PAXIP1-AS2</i>	4.59	3.44	<0.1	NA	0.794275492	NA	0	NA	No
<i>TPT1P5</i>	6.8	4	<0.1	NA	0.641025641	NA	-0.273654	NA	No
<i>LYRM4</i>	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
<i>MYCBP</i>	0.31	0.12	<0.1	NA	0.854961832	NA	0	NA	No
<i>AC132008.2</i>	0.13	0.19	<0.1	NA	1.053097345	NA	0	NA	No
<i>LINC00887</i>	1.1	1.26	1.32	1.00	1.076190476	0.860023663	0	-0.198559	No
<i>LINC02026</i>	0.73	4.84	3.12	5.34	3.375722543	1.539768721	2.13562	0.221969	No
<i>ALG3</i>	0.32	1.89	<0.1	NA	2.189393939	NA	1.27375	NA	No
<i>AMZ2P1</i>	0.22	0.44	0.15	0.22	1.180327869	1.064849161	0.0416326	0	No
<i>PLEKHM1P1</i>	1.85	2.42	1.84	2.02	1.2	1.063486198	0.184393	0	No
<i>PTMAP5</i>	5.42	5.81	3.62	4.69	1.060747664	1.231837746	0	0	No
<i>GCC2-AS1</i>	11.85	18.04	27.55	25.92	1.481712062	0.942784945	0.497853	-0.133407	No
<i>XPOTP1</i>	7.01	6.16	40.43	44.00	0.893882647	1.086266324	0	0	No
<i>UBE2V1P2</i>	1.65	4.18	0.43	0.32	1.954716981	0.924956131	0.777139	0	No
<i>SH3D21</i>	1.06	0.4	<0.1	NA	0.67961165	NA	0	NA	No
<i>SMIM30</i>	0.43	0	<0.1	NA	0.699300699	NA	0	NA	No
<i>C19orf38</i>	0.12	0.16	0.11	0.14	1.035714286	1.025161527	0	0	No
<i>HNRNPA1P1</i>	0.25	0.17	<0.1	NA	0.936	NA	0	NA	No
<i>C17orf67</i>	6.58	10.02	11.83	9.81	1.453825858	0.842559701	0.382516	-0.201318	No

<i>FIS1</i>	0.23	0.72	0.76	0.96	1.398373984	1.112859915	0.923385	0	No
<i>KCTD9P4</i>	37.39	42.34	19.22	20.79	1.128939828	1.077560946	0.0311026	0	No
<i>ANG</i>	15.47	15.76	14.82	19.86	1.017607772	1.318294915	0	0.063706	No
<i>SCART1</i>	0.23	0.18	<0.1	NA	0.959349593	NA	0	NA	No
<i>KRT8P14</i>	0.61	1.23	<0.1	NA	1.385093168	NA	0.528821	NA	No
<i>RPL39P5</i>	0.12	0.24	<0.1	NA	1.107142857	NA	0	NA	No
<i>COLCA2</i>	32.3	31.55	<0.1	NA	0.977477477	NA	0	NA	No
<i>APTR</i>	0.2	0.36	3.19	2.21	1.133333333	0.765955813	0	-0.159431	No
<i>MBLAC1</i>	1.07	1.19	6.70	6.58	1.057971014	0.984390178	0	-0.0411956	No
<i>CBX1P2</i>	0.18	0.09	<0.1	NA	0.923728814	NA	0	NA	No
<i>AC009053.1</i>	1.43	1.77	8.42	10.46	1.139917695	1.216390338	0.0397344	0	No
<i>NEURL1B</i>	48.77	33.06	79.56	63.20	0.684348001	0.796980339	-0.479973	-0.428341	No
<i>RPL18P10</i>	4.44	4.24	41.19	45.77	0.963235294	1.10857613	0	0	No
<i>HAUS3</i>	166.4	225.37	<0.1	NA	1.352270012	NA	0.398721	NA	No
<i>VSTM5</i>	0.46	0.42	3.55	3.63	0.97260274	1.017420569	0	0	No
<i>RPS3AP26</i>	11.58	6.34	6.19	9.54	0.583465819	1.465458008	-0.710333	0.13234	No
<i>TUBAP2</i>	78.74	60.69	81.35	77.41	0.773639328	0.952180791	-0.305733	-0.0941765	No
<i>KANSL1-AS1</i>	12.99	13.9	32.67	35.08	1.065046462	1.071454273	0	0	No
<i>BBIP1</i>	0.92	0.94	1.50	2.71	1.010416667	1.483172466	0	0.0436616	No
<i>GNAT3</i>	2.15	17.83	<0.1	NA	5.977777778	NA	2.29316	NA	No
<i>VPS33B-DT</i>	3.72	1.84	8.53	8.42	0.601694915	0.988089699	-0.667233	0	No
<i>GOLGA2P8</i>	6.61	6.74	8.38	8.99	1.017082786	1.064686628	0	0	No
<i>AS3MT</i>	12.93	13.4	<0.1	NA	1.033740129	NA	0	NA	No
<i>FAM185BP</i>	1.32	0.98	<0.1	NA	0.853448276	NA	0	NA	No
<i>PLIN5</i>	0.36	0.6	<0.1	NA	1.176470588	NA	0	NA	No
<i>RPL7P1</i>	36.98	35.95	36.07	32.76	0.972880463	0.910757174	0	-0.163635	No
<i>KRT42P</i>	1.36	1.65	1.46	1.20	1.122881356	0.893282561	0	0	No
<i>PPME1</i>	6.39	5.4	<0.1	NA	0.866035183	NA	-0.0888719	NA	No
<i>STARD10</i>	1.66	1.33	<0.1	NA	0.87593985	NA	0	NA	No
<i>AC019077.1</i>	1.67	2.41	<0.1	NA	1.277153558	NA	0	NA	No
<i>CPEB1</i>	0.11	0.07	<0.1	NA	0.963963964	NA	0	NA	No
<i>EML6</i>	8.63	10.19	<0.1	NA	1.161993769	NA	0	NA	No
<i>HNRNPA3P3</i>	4.4	9.38	1.76	1.98	1.922222222	1.07958636	0.935305	0	No
<i>B3GNT10</i>	4	2.96	<0.1	NA	0.792	NA	-0.0009307	NA	No
<i>ZSWIM8</i>	1.03	1.62	16.00	19.06	1.290640394	1.180262646	0	0	No
<i>IFRD2</i>	18.95	15.88	20.35	19.73	0.846115288	0.970972726	0	-0.0764167	No
<i>AC116407.1</i>	2.94	4.69	5.80	6.65	1.444162437	1.125221749	0.305303	0	No
<i>ZBED1</i>	30.27	19.5	90.09	95.30	0.655580429	1.057174714	-0.46624	0	No

AC005562.1	0.18	0.23	<0.1	NA	1.042372881	NA	0	NA	No
CDIPTOSP	4.31	2.34	1.05	0.71	0.629001883	0.833120474	-0.360572	-0.123091	No
HNRNPUL2	0.94	0.55	1.18	1.24	0.798969072	1.025589842	-0.31998	0	No
CSKMT	0.11	0.78	<0.1	NA	1.603603604	NA	0.679145	NA	No
SEPTIN7P2	0.12	0.48	<0.1	NA	1.321428571	NA	0	NA	No
AL161756.1	4.44	1.32	0.51	0.20	0.426470588	0.79518607	-1.21764	0	No
POLR2J4	1.77	2.34	2.96	3.40	1.205776173	1.110046316	0.0833435	0	No
RPS3AP21	0.51	1.27	2.71	2.44	1.503311258	0.928335259	0.244422	0	No
TUBAP5	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AP002358.1	1.15	1.88	<0.1	NA	1.339534884	NA	0.250057	NA	No
KRT16P3	30.93	19.92	3.18	4.78	0.655183213	1.38180649	-0.547478	0.298027	No
DDX12P	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
MTCP1	0.26	0.54	6.73	8.55	1.222222222	1.235065794	0.472124	0.00250441	No
LINC01347	0.31	0.27	<0.1	NA	0.969465649	NA	0	NA	No
KRT16P1	11.86	5.31	<0.1	NA	0.49066874	NA	-0.704997	NA	No
EVPLL	0.17	0.2	<0.1	NA	1.025641026	NA	0	NA	No
SMTNL1	5.09	6.95	1.08	0.58	1.305418719	0.761965627	0	0	No
LINC01588	0.37	0.47	8.53	9.20	1.072992701	1.070007779	0	0	No
HLA-F-AS1	0.13	0.13	<0.1	NA	1	NA	0	NA	No
NPIPA8	0.11	0.16	<0.1	NA	1.045045045	NA	0	NA	No
ZSWIM7	0.21	0.69	<0.1	NA	1.396694215	NA	0	NA	No
ARHGEF28	0.33	0.61	0.33	0.35	1.210526316	1.015632176	0	0	No
NPIPA7	0.21	0.91	<0.1	NA	1.578512397	NA	0.264298	NA	No
PPIAP29	0.71	0.83	0.51	0.67	1.070175439	1.103842144	0	0	No
AC129492.1	128.89	102.29	<0.1	NA	0.795211333	NA	-0.214631	NA	No
CHCHD2P2	0.13	0.12	<0.1	NA	0.991150442	NA	0	NA	No
ACSM4	6.59	11.75	12.80	14.28	1.679841897	1.107060596	0.699074	0	No
RTL10	51.62	34.53	3.23	3.66	0.675218548	1.101716432	-0.491488	0	No
AL645728.1	0.4	0	<0.1	NA	0.714285714	NA	0	NA	No
PHB2	0.77	0.88	<0.1	NA	1.062146893	NA	0	NA	No
RPL13P12	0.14	0.34	0.16	0.19	1.175438596	1.029669466	0.656592	0	No
GNL3LP1	1.36	0.89	<0.1	NA	0.800847458	NA	0	NA	No
CD27-AS1	1.23	2.5	<0.1	NA	1.569506726	NA	0.488917	NA	No
NEURL4	6.2	6.88	16.57	18.64	1.094444444	1.117832584	0	0	No
GRID2IP	42.33	24.18	62.40	56.02	0.581121625	0.899440032	-0.705117	-0.229594	No
ALOX12-AS1	0.53	0.37	<0.1	NA	0.895424837	NA	0	NA	No
AC025171.2	13.1	16.76	18.12	18.39	1.259574468	1.014058724	0.224673	0	No
NPM1P24	0.33	0.52	<0.1	NA	1.142857143	NA	0.0777331	NA	No

<i>CXorf49B</i>	1.19	3.2	<0.1	NA	1.917808219	NA	0.568109	NA	No
<i>UBXN2B</i>	13.02	12.61	24.41	27.74	0.970756063	1.131099485	0	0	No
<i>CXorf49</i>	1.83	1.54	<0.1	NA	0.897526502	NA	0	NA	No
<i>CBWD6</i>	1.4	1.01	<0.1	NA	0.8375	NA	0	NA	No
<i>AC141586.1</i>	0.16	0.62	<0.1	NA	1.396551724	NA	0.585625	NA	No
<i>AC138409.2</i>	0.3	0.35	2.66	3.21	1.038461538	1.150841756	0	0	No
<i>FAM166B</i>	0.2	0.13	<0.1	NA	0.941666667	NA	0	NA	No
<i>LINC00680</i>	1.88	3.21	<0.1	NA	1.461805556	NA	0.361267	NA	No
<i>PEX26</i>	0.21	0.27	<0.1	NA	1.049586777	NA	0	NA	No
<i>AL592293.1</i>	0.16	0.3	<0.1	NA	1.120689655	NA	0	NA	No
<i>LINC02449</i>	6.88	7.12	9.31	11.86	1.030456853	1.247227684	0	0.138322	No
<i>FASTKD5</i>	0.17	0.69	0.80	1.40	1.444444444	1.335406895	0.4024	0.0962991	No
<i>GOLGA8B</i>	0.28	0.71	0.13	0.19	1.3359375	1.049389071	0.47828	0	No
<i>DHRS4-AS1</i>	0.56	0.56	<0.1	NA	1	NA	0	NA	No
<i>AKR1C7P</i>	0.47	1.23	<0.1	NA	1.517006803	NA	0.467987	NA	No
<i>TOMM40P2</i>	0.68	1.42	<0.1	NA	1.44047619	NA	0.188261	NA	No
<i>HOMEZ</i>	0.62	1.01	0.48	0.74	1.240740741	1.174274631	0.407736	0	No
<i>DDX3X</i>	3.66	2.26	0.38	0.75	0.699570815	1.266608999	-0.373901	0	No
<i>AC127502.1</i>	0.2	0.9	<0.1	NA	1.583333333	NA	0.420559	NA	No
<i>VPS16</i>	7.25	8.58	5.66	5.22	1.161212121	0.934370228	0	-0.194213	No
<i>SLC25A5P1</i>	2.25	2.97	0.11	0.09	1.221538462	0.980288296	0.228461	0	No
<i>MRPL3P1</i>	1.03	0.57	0.22	0.13	0.773399015	0.927633984	0	0	No
<i>MYL5</i>	5.79	8.88	<0.1	NA	1.455081001	NA	0.0352743	NA	No
<i>ACTG1P3</i>	0.24	0.8	<0.1	NA	1.451612903	NA	0.118686	NA	No
<i>PSMA6P1</i>	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
<i>MIR17HG</i>	0.63	0.5	0.38	0.58	0.920245399	1.147740443	0	0	No
<i>ZNF407</i>	4.46	5.63	<0.1	NA	1.214285714	NA	0.14608	NA	No
<i>ACM3AP-AS</i>	0.2	0.2	<0.1	NA	1	NA	0	NA	No
<i>NPEPL1</i>	75.79	62.97	257.86	224.38	0.833051179	0.870671237	-0.182569	-0.30162	No
<i>HNRNPA1P7</i>	4.79	3.02	<0.1	NA	0.694300518	NA	0	NA	No
<i>AC007731.1</i>	0.36	0.16	<0.1	NA	0.852941176	NA	0	NA	No
<i>FRG1JP</i>	5.69	4.5	0.61	1.01	0.822122571	1.249490046	-0.0752046	0.342685	No
<i>AC114730.1</i>	6.48	6.91	26.18	27.49	1.057486631	1.048126134	0	-0.0330977	No
<i>TMEM242</i>	0.22	0.87	0.18	0.23	1.532786885	1.04296407	1.08396	0	No
<i>TMEM167B</i>	0.63	0.43	6.16	6.02	0.877300613	0.98026416	0	0	No
<i>7P1-BPTFP1-</i>	1.08	1.54	<0.1	NA	1.221153846	NA	0.105432	NA	No
<i>LRRC37A14F</i>	0.12	0.06	<0.1	NA	0.946428571	NA	0	NA	No
<i>FAM72D</i>	0.3	0.49	<0.1	NA	1.146153846	NA	0	NA	No

<i>TNFRSF25</i>	1.88	2.67	10.35	9.53	1.274305556	0.927616132	0.188771	-0.175213	No
<i>SLC35E2A</i>	0.82	0.94	<0.1	NA	1.065934066	NA	0	NA	No
<i>ZC3H11B</i>	0.4	0.5	1.44	1.81	1.071428571	1.14987824	0	0	No
<i>AL596087.1</i>	1.01	1.82	<0.1	NA	1.402985075	NA	0.276735	NA	No
<i>AL451074.2</i>	0.16	0.16	<0.1	NA	1	NA	0	NA	No
<i>AP002761.1</i>	0.19	0.35	<0.1	NA	1.134453782	NA	0	NA	No
<i>TSTD1</i>	1.31	2.23	<0.1	NA	1.398268398	NA	0.270357	NA	No
<i>AC245297.1</i>	2.23	2.15	13.97	13.66	0.975232198	0.979468886	0	-0.0566076	No
<i>LINC01356</i>	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
<i>CYB5RL</i>	0.17	0.31	<0.1	NA	1.11965812	NA	0	NA	No
<i>CROCCP2</i>	11.23	14.24	4.29	5.15	1.246116108	1.163382163	0.159329	0	No
<i>AC078819.1</i>	0.8	1.84	1.92	2.76	1.577777778	1.286243725	0.830021	0.0436178	No
<i>IGSF23</i>	2.72	3.64	2.21	2.95	1.247311828	1.23086624	0.207086	0.0787164	No
<i>GLRX3P2</i>	0.36	0.54	<0.1	NA	1.132352941	NA	0	NA	No
<i>AL109918.1</i>	1.48	0.56	<0.1	NA	0.629032258	NA	-0.0724815	NA	No
<i>RPS2P55</i>	2.85	2.96	2.95	2.84	1.028571429	0.972868398	0	0	No
<i>RPL22P12</i>	15.91	18.15	41.57	47.16	1.132465996	1.131269686	0.123269	0.00516479	No
<i>AC009403.1</i>	0.55	0.62	<0.1	NA	1.04516129	NA	0	NA	No
<i>GPR89P</i>	12.43	15	8.28	8.83	1.191362621	1.058786056	0.109355	0	No
<i>CCDC7</i>	1.33	0.55	<0.1	NA	0.665236052	NA	0	NA	No
<i>PPIAP31</i>	0.31	0.36	<0.1	NA	1.038167939	NA	0	NA	No
<i>FNIP1</i>	2.86	2.17	15.24	13.86	0.821243523	0.914828442	-0.0599839	-0.133462	No
<i>AL139100.1</i>	0.19	0.14	<0.1	NA	0.957983193	NA	0	NA	No
<i>ANKRD18EP</i>	0.29	0.79	<0.1	NA	1.387596899	NA	0	NA	No
<i>CBX3P9</i>	0.5	1.02	1.96	2.79	1.346666667	1.279950117	0.354756	0.159214	No
<i>AL031777.1</i>	0.32	0.29	2.72	2.71	0.977272727	0.998196127	0	-0.0040143	No
<i>UQCRFS1P3</i>	0.29	0.71	2.67	3.61	1.325581395	1.255440092	0.762165	2.7527E-05	No
<i>ISCA1P1</i>	5.97	3.92	34.91	31.86	0.705882353	0.915027083	-0.422201	-0.144806	No
<i>SYCE3</i>	22.04	12.64	<0.1	NA	0.592013889	NA	-0.523659	NA	No
<i>CKLF</i>	0.16	0.34	<0.1	NA	1.155172414	NA	0	NA	No
<i>AL627402.1</i>	6.89	5.85	0.14	0.19	0.868187579	1.043901583	0	0	No
<i>H2BC16P</i>	0.45	0	<0.1	NA	0.689655172	NA	0	NA	No
<i>AL136116.3</i>	1.12	0.91	1.95	2.22	0.900943396	1.09161586	0	0	No
<i>RPS10P3</i>	17.28	11.9	14.38	17.21	0.705689278	1.183906583	-0.385041	0	No
<i>AL157777.1</i>	2.02	2.34	<0.1	NA	1.105960265	NA	0	NA	No
<i>AL390719.1</i>	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
<i>PAM16</i>	0.35	0.4	2.90	3.96	1.037037037	1.270550407	0	0	No
<i>RBM38-AS1</i>	0.19	0.26	<0.1	NA	1.058823529	NA	0	NA	No

AL021407.3	0.28	0.4	<0.1	NA	1.09375	NA	0	NA	No
AC016739.1	0.22	0.49	<0.1	NA	1.221311475	NA	0	NA	No
TATDN2P2	0.17	0.12	<0.1	NA	0.957264957	NA	0	NA	No
H2AC9P	2.45	1.22	<0.1	NA	0.643478261	NA	0	NA	No
MORF4L1P1	65.47	41.98	0.31	0.53	0.646607492	1.167981074	-0.501222	0	No
CDC14C	0.31	0.62	<0.1	NA	1.236641221	NA	0	NA	No
RAET1K	3.12	4.31	0.28	0.31	1.288834951	1.020995365	0.142456	0	No
AL591135.1	0.66	0.68	6.98	8.09	1.012048193	1.139649951	0	0	No
AL590867.2	1.13	1.38	24.50	21.68	1.117370892	0.889423885	0	-0.160653	No
LINC00339	2.45	3.14	<0.1	NA	1.2	NA	0	NA	No
MIF-AS1	1.63	2.87	0.21	0.15	1.47148289	0.954011398	0.184801	0	No
H2AC10P	0.88	0.51	<0.1	NA	0.803191489	NA	0	NA	No
CEBPZOS	1.11	1.61	<0.1	NA	1.236966825	NA	0.0517537	NA	No
ZNF579	0.3	0.18	<0.1	NA	0.907692308	NA	0	NA	No
AC005102.1	0.28	0.14	<0.1	NA	0.890625	NA	0	NA	No
FTH1P19	1.13	2.13	<0.1	NA	1.469483568	NA	0.284154	NA	No
RNASEK	0.14	0.14	<0.1	NA	1	NA	0	NA	No
AC138392.1	0.17	0.27	2.64	2.77	1.085470085	1.034585403	0	0	No
AL139095.1	1.08	0.32	<0.1	NA	0.634615385	NA	0	NA	No
ZNF602P	2.73	3.72	3.87	4.62	1.26541555	1.15321243	0.227789	0	No
CATSPERZ	1.5	1.5	<0.1	NA	1	NA	0	NA	No
RPL23P8	0.61	0.79	<0.1	NA	1.111801242	NA	0	NA	No
AL355802.1	1.84	2.22	<0.1	NA	1.133802817	NA	0	NA	No
NBPF1	0.21	1.18	<0.1	NA	1.801652893	NA	0	NA	No
FTH1P8	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
AP000580.1	3.04	4.42	<0.1	NA	1.341584158	NA	0	NA	No
UMAD1	0.33	0.44	1.05	1.27	1.082706767	1.105549386	0	0	No
FAM228B	0.15	0.07	<0.1	NA	0.930434783	NA	0	NA	No
ZNF433-AS1	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
AL133268.1	0.28	0.33	<0.1	NA	1.0390625	NA	0	NA	No
FGF7P8	1.08	0.32	<0.1	NA	0.634615385	NA	0	NA	No
AL356432.2	0.18	0.35	<0.1	NA	1.144067797	NA	0	NA	No
AL078599.1	4	5.82	<0.1	NA	1.364	NA	0.200415	NA	No
AL133260.1	10.21	9.14	37.59	32.67	0.904549509	0.872625967	0	0	No
ZSCAN12P1	0.49	0.43	<0.1	NA	0.959731544	NA	0	NA	No
ZGLP1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
VAMP2	22.31	18.73	<0.1	NA	0.846417846	NA	0	NA	No
H2BC19P	0.43	0.96	<0.1	NA	1.370629371	NA	0.211259	NA	No

AL139095.2	1.2	1.2	<0.1	NA	1	NA	0	NA	No
RPL35P2	73.53	86.53	<0.1	NA	1.174426405	NA	0.10985	NA	No
RPL21P28	0.17	0.12	0.11	0.14	0.957264957	1.027669273	0	0	No
MTMR9LP	0.11	0.68	<0.1	NA	1.513513514	NA	0.628023	NA	No
LINC01881	0.58	0.85	<0.1	NA	1.170886076	NA	0.0118016	NA	No
RPL21P16	7.89	6.69	<0.1	NA	0.865016873	NA	0	NA	No
RPS18P9	0.51	0.6	7.84	8.35	1.059602649	1.058179069	0	0	No
AL023807.1	0.14	0.11	17.64	13.65	0.973684211	0.785938242	0	-0.531609	No
4NRNPA1P4	0.47	1.8	<0.1	NA	1.904761905	NA	0.152328	NA	No
TRIM51GP	2.91	4.78	12.04	13.46	1.47826087	1.108705643	0.45068	0	No
U3	25.99	20.14	32.41	25.72	0.783253057	0.799889342	-0.241734	-0.373349	No
SNORA11F	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AL513534.1	0.61	3.24	<0.1	NA	2.633540373	NA	0.699482	NA	No
MIR548L	6.1	5.22	104.52	105.24	0.876056338	1.006781199	0	-0.0994031	No
SNORD88A	12.31	16.06	<0.1	NA	1.28174305	NA	0.0784785	NA	No
NU6ATAC18	0.41	0.55	<0.1	NA	1.09929078	NA	0	NA	No
NU6ATAC16	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
SNORD99	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
MIR1180	0.12	0	1.67	1.36	0.892857143	0.884693033	0	0	No
MIR1249	0.12	0.42	<0.1	NA	1.267857143	NA	0	NA	No
SNORA77	0.62	0.79	1.88	1.46	1.104938272	0.855262357	0	0	No
PPP3CB-AS1	3.85	3.01	<0.1	NA	0.826804124	NA	0	NA	No
GAS8-AS1	1.05	2.09	<0.1	NA	1.507317073	NA	0	NA	No
C6orf226	4.13	4.84	4.63	5.02	1.138401559	1.069648627	0	0	No
PPP3R1	0.16	0.29	3.10	3.48	1.112068966	1.093849077	0	0	No
FANCG	1.33	1.1	<0.1	NA	0.901287554	NA	0	NA	No
AP4M1	0.42	1.26	<0.1	NA	1.591549296	NA	0.285084	NA	No
C7orf65	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
CEBPD	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
ARIH2OS	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
ZBED8	0.26	0.26	<0.1	NA	1	NA	0	NA	No
HMSD	1.1	4.51	0.13	0.13	2.623809524	0.996006896	1.40855	0	No
NPTXR	0.77	0.59	1.09	1.03	0.898305085	0.970328161	0	0	No
FAM200A	7.98	8.85	14.89	18.23	1.09688196	1.210130889	0	0.00088288	No
PPP2R2A	0.16	0.13	<0.1	NA	0.974137931	NA	0	NA	No
C19orf73	2.71	2.41	<0.1	NA	0.919137466	NA	0	NA	No
ZNF880	0.15	0.44	<0.1	NA	1.252173913	NA	0	NA	No
TRIM16	0.22	0	4.09	6.56	0.819672131	1.485843819	0	0	No

<i>DENND10P1</i>	2.2	1.97	1.22	1.88	0.928125	1.298657136	0	0	No
<i>TIGD1</i>	0.39	0.28	<0.1	NA	0.920863309	NA	0	NA	No
<i>XKR9</i>	16.49	12.71	<0.1	NA	0.783876501	NA	0	NA	No
<i>LINC01465</i>	1.21	1.33	3.02	2.57	1.054298643	0.888842602	0	0	No
<i>SLC12A8</i>	0.15	0.45	<0.1	NA	1.260869565	NA	0	NA	No
<i>APOL6</i>	0.12	0.17	<0.1	NA	1.044642857	NA	0	NA	No
<i>FADS3</i>	0.13	0.07	<0.1	NA	0.946902655	NA	0	NA	No
<i>CCNL2</i>	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No
<i>UBA52</i>	0.84	0.42	<0.1	NA	0.77173913	NA	0	NA	No
<i>MYBPHL</i>	0.55	1.65	<0.1	NA	1.709677419	NA	0	NA	No
<i>PPT2</i>	0.62	0	2.39	0.00	0.617283951	0.294985251	0	0	No
<i>EXOC3-AS1</i>	1.17	2.93	6.36	9.97	1.811059908	1.490111915	0	0	No
<i>ZNF630</i>	0.53	1.06	<0.1	NA	1.346405229	NA	0	NA	No
<i>TIAF1</i>	0.39	0	<0.1	NA	0.71942446	NA	0	NA	No
<i>LINC01118</i>	5.06	2.16	9.00	5.09	0.521452145	0.608852999	0	0	No
<i>BTBD19</i>	3.1	0	<0.1	NA	0.243902439	NA	0	NA	No
<i>FAM185A</i>	0.81	0	5.45	11.56	0.552486188	1.948037347	0	0	No
<i>AC011997.1</i>	2.14	0.43	1.65	2.44	0.455414013	1.299054489	0	0	No
<i>URAHF</i>	0.38	0.55	0.88	1.28	1.123188406	1.214046917	0	0	No
<i>HDAC4-AS1</i>	0.48	0.11	0.26	0.77	0.75	1.403084777	0	0	No
<i>LINC01124</i>	22.94	10.74	8.38	6.82	0.490392648	0.833857149	-0.712884	-0.133617	No
<i>CYTOR</i>	18.11	17.98	26.26	30.25	0.993197279	1.146324511	0	0	No
<i>AC079305.1</i>	1.68	2.88	7.73	7.85	1.447761194	1.013204018	0.437694	0	No
<i>AL031587.1</i>	0.44	0.97	<0.1	NA	1.368055556	NA	0.327262	NA	No
<i>C10orf55</i>	90.61	32.33	116.75	83.43	0.36382491	0.716992436	-1.3451	-0.555849	No
<i>MIR1915</i>	1.95	2.51	0.74	0.61	1.189830508	0.922424833	0	0	No
<i>RN7SKP26</i>	3.56	6.32	0.88	0.85	1.605263158	0.985339097	0.525171	0	No
<i>SNORD19C</i>	0.13	0.18	<0.1	NA	1.044247788	NA	0	NA	No
<i>SNORD12B</i>	7.19	15.96	3.83	6.03	2.070818071	1.455327093	1.00694	0.388783	No
<i>RNA5SP203</i>	0.99	1.93	1.32	1.70	1.472361809	1.162732823	0.39066	0	No
<i>Y_RNA</i>	4.27	5.34	16.50	19.97	1.203036053	1.198384995	0.151607	0.0490106	No
<i>RN7SKP150</i>	1.15	2.45	1.11	1.71	1.604651163	1.28429171	0.074391	0	No
<i>Y_RNA</i>	2.96	3.79	<0.1	NA	1.20959596	NA	0.0448046	NA	No
<i>RNA5SP345</i>	14.44	20.74	6.31	6.72	1.408031088	1.055821115	0.411134	0	No
<i>AC063943.1</i>	2.01	1.15	<0.1	NA	0.714285714	NA	-0.0979949	NA	No
<i>Y_RNA</i>	1.12	0.88	1.80	2.10	0.886792453	1.105986318	0	0	No
<i>RN7SKP97</i>	0.14	0.27	<0.1	NA	1.114035088	NA	0	NA	No
<i>RNU6-564P</i>	0.19	0.52	0.52	0.54	1.277310924	1.015726731	0	0	No

<i>RNA5SP155</i>	4.85	4.23	1.35	1.00	0.894017094	0.851195453	0	-0.294696	No
<i>RN7SKP296</i>	9.57	9.58	6.08	7.15	1.000946074	1.151376549	0	0	No
<i>RN7SKP30</i>	21.5	18.89	14.13	15.21	0.884	1.071491607	-0.0894026	0	No
<i>AC137630.1</i>	15.27	16.09	53.80	65.51	1.050399508	1.213606476	0	0.0399542	No
<i>H2BP1</i>	100.7	82.86	310.09	310.78	0.824582104	1.002213718	-0.22581	-0.136257	No
<i>AL590666.1</i>	0.12	0.43	<0.1	NA	1.276785714	NA	0	NA	No
<i>FTH1P10</i>	3.09	9.01	7.51	7.70	2.447432763	1.022871784	1.24643	0	No
<i>AC005104.1</i>	8	11.43	6.44	5.41	1.381111111	0.862226343	0.237369	-0.113568	No
<i>AL118511.1</i>	0.41	0.3	0.47	0.61	0.921985816	1.09600468	0	0	No
<i>RPS10P7</i>	0.32	1	9.20	9.52	1.515151515	1.031788935	0.970425	-0.037686	No
<i>RPS26P15</i>	0.18	0.03	<0.1	NA	0.872881356	NA	0	NA	No
<i>TH2LCRR</i>	0.59	2.73	2.45	3.50	2.34591195	1.303170039	1.62092	0.127617	No
<i>TCAF1P1</i>	1.33	1.37	1.46	1.06	1.017167382	0.837061558	0	0	No
<i>AC004471.1</i>	1.09	0.52	<0.1	NA	0.727272727	NA	0	NA	No
<i>VN1R42P</i>	1.67	2.1	1.07	1.10	1.161048689	1.01326297	0	0	No
<i>AL441992.1</i>	1.05	0.17	<0.1	NA	0.570731707	NA	-0.117269	NA	No
<i>LINC01615</i>	0.33	0.28	0.34	0.26	0.962406015	0.942471169	0	0	No
<i>EXOSC6</i>	1.86	1.48	<0.1	NA	0.867132867	NA	-0.134083	NA	No
<i>VPS52</i>	0.54	0.32	<0.1	NA	0.857142857	NA	0	NA	No
<i>RPL23AP53</i>	0.2	0.1	<0.1	NA	0.916666667	NA	0	NA	No
<i>AC135983.3</i>	2.02	1.1	1.37	1.50	0.695364238	1.054182755	-0.296422	0	No
<i>LINC00630</i>	10.69	6.01	44.98	41.98	0.599657827	0.934762341	0	0	No
<i>ZNF844</i>	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
<i>TMSB4XP4</i>	4.92	2.11	<0.1	NA	0.525337838	NA	0	NA	No
<i>AC073136.1</i>	1.17	1.17	<0.1	NA	1	NA	0	NA	No
<i>CKMT1A</i>	1.57	0	<0.1	NA	0.389105058	NA	0	NA	No
<i>TINCR</i>	1.47	0	<0.1	NA	0.4048583	NA	0	NA	No
<i>AL513523.1</i>	0.67	0.5	<0.1	NA	0.898203593	NA	0	NA	No
<i>AC241585.1</i>	0.49	0	<0.1	NA	0.67114094	NA	0	NA	No
<i>LINC00370</i>	0.99	0	<0.1	NA	0.502512563	NA	0	NA	No
<i>AL078459.1</i>	1.8	0	<0.1	NA	0.357142857	NA	0	NA	No
<i>C1GALT1C1L</i>	0.5	0.5	<0.1	NA	1	NA	0	NA	No
<i>AL357033.2</i>	1.28	0.16	<0.1	NA	0.50877193	NA	-0.0100004	NA	No
<i>LINC00571</i>	0.51	0	<0.1	NA	0.662251656	NA	0	NA	No
<i>NSUN5P1</i>	0.83	0	<0.1	NA	0.546448087	NA	0	NA	No
<i>LINC02601</i>	0.31	0	<0.1	NA	0.763358779	NA	0	NA	No
<i>IFITM3P2</i>	0.16	0.16	<0.1	NA	1	NA	0	NA	No
<i>BX842568.2</i>	0.41	1.64	<0.1	NA	1.872340426	NA	0.224034	NA	No

AC009226.1	2.26	4.31	<0.1	NA	1.628834356	NA	0.204275	NA	No
CCDC18-AS1	0.62	1.23	<0.1	NA	1.37654321	NA	0	NA	No
MIR503HG	0.75	0.63	<0.1	NA	0.931428571	NA	0	NA	No
SIRPB3P	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
LINC00205	0.27	0.47	<0.1	NA	1.157480315	NA	0	NA	No
CD99P1	0.34	1.57	4.40	7.61	1.917910448	1.593878915	1.39726	0.180553	No
AL513217.1	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
LGALS8-AS1	0.15	0.1	3.16	2.34	0.956521739	0.803702396	0	0	No
LINC01983	2.03	0.98	<0.1	NA	0.653465347	NA	-0.42148	NA	No
LINP1	1.84	1.19	<0.1	NA	0.771126761	NA	0	NA	No
UBE2E1-AS1	0.31	0	<0.1	NA	0.763358779	NA	0	NA	No
ENTPD3-AS1	7.47	8.25	<0.1	NA	1.092089728	NA	0	NA	No
CERS1	0.21	0.57	<0.1	NA	1.297520661	NA	0	NA	No
RPS20P14	4.18	5.51	30.18	28.32	1.256756757	0.94022363	0.177016	-0.121055	No
AC244669.1	14.21	10.52	27.56	31.72	0.75739645	1.145520952	-0.284955	0	No
AC007255.1	0.42	1.04	0.92	1.35	1.436619718	1.225986253	0	0.0872989	No
AC004870.2	0.73	0.54	<0.1	NA	0.89017341	NA	0	NA	No
AL645941.1	0.49	0.26	0.85	0.84	0.845637584	0.995285398	-0.394681	0	No
HRAT92	0.26	1.14	<0.1	NA	1.698412698	NA	1.49167	NA	No
PPIAP53	0.17	0.17	<0.1	NA	1	NA	0	NA	No
ABCC5-AS1	0.61	0.24	<0.1	NA	0.770186335	NA	-0.205783	NA	No
OSER1-DT	0.54	0.54	<0.1	NA	1	NA	0	NA	No
AC068657.1	10.75	18.34	<0.1	NA	1.645957447	NA	0.628461	NA	No
AFG3L1P	0.12	0.12	<0.1	NA	1	NA	0	NA	No
AC002456.1	12.46	9.47	<0.1	NA	0.777860327	NA	0	NA	No
SMCR2	0.12	0.04	<0.1	NA	0.928571429	NA	0	NA	No
ATP5F1CP1	0.68	0.92	<0.1	NA	1.142857143	NA	0	NA	No
MIR181A2HG	0.67	0.75	1.01	0.96	1.047904192	0.973541097	0	0	No
PB41L4A-AS	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
HMGNI1P4	0.48	0.48	<0.1	NA	1	NA	0	NA	No
AC005076.1	5.78	6.84	18.94	21.21	1.156342183	1.113789938	0.0452132	0	No
CPTP	0.13	0.96	<0.1	NA	1.734513274	NA	0.487244	NA	No
EGFR-AS1	0.93	1.06	<0.1	NA	1.067357513	NA	0	NA	No
AC007319.1	0.13	0.96	<0.1	NA	1.734513274	NA	0.754956	NA	No
AL049795.1	0.54	0.33	<0.1	NA	0.863636364	NA	0	NA	No
AL354877.1	1.14	1.73	<0.1	NA	1.275700935	NA	0.232715	NA	No
SNHG14	1.09	5.17	0.72	2.07	2.95215311	1.785852415	1.78538	0.193401	No
AC091729.1	3.82	5.75	<0.1	NA	1.400414938	NA	0.126643	NA	No

UBE2FP1	1.02	2.22	<0.1	NA	1.594059406	NA	0.791869	NA	No
SLC44A3-AS	0.57	0.57	0.78	0.98	1	1.11098672	0	0	No
PPM1F-AS1	0.32	0.4	<0.1	NA	1.060606061	NA	0	NA	No
RPS24P8	0.33	0.48	0.18	0.14	1.112781955	0.967244114	0	0	No
MTRF1LP2	5.84	13.82	<0.1	NA	2.166666667	NA	0.850614	NA	No
UBE2SP2	0.87	1.22	<0.1	NA	1.187165775	NA	0	NA	No
LINC01857	0.14	0.34	0.66	0.52	1.175438596	0.917615758	0	0	No
AC009506.1	0.28	0.15	1.11	1.07	0.8984375	0.982515799	0	0.118058	No
AC073136.2	0.64	1.37	5.03	4.01	1.445121951	0.83066406	0.490758	-0.201907	No
NAJC27-AS	10.69	5.64	<0.1	NA	0.568006843	NA	-0.257026	NA	No
LINC01357	1.98	2.17	<0.1	NA	1.063758389	NA	0	NA	No
SDHDP6	0.96	1.15	<0.1	NA	1.096938776	NA	0	NA	No
C5orf66	1.07	0.2	<0.1	NA	0.579710145	NA	-0.702779	NA	No
AC022400.1	1.58	3	<0.1	NA	1.550387597	NA	0	NA	No
AL606469.1	0.88	1.22	1.96	1.64	1.180851064	0.891911057	0	-0.154698	No
LINC01133	0.33	1.2	<0.1	NA	1.654135338	NA	0	NA	No
RPSAP18	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AP000697.1	0.97	1.32	<0.1	NA	1.177664975	NA	0.105107	NA	No
AC005077.2	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
RHGEF2-AS	1.26	1.24	7.90	9.27	0.991150442	1.153700561	0	0	No
SLC25A5-AS	0.49	0.49	<0.1	NA	1	NA	0	NA	No
MSL3P1	0.28	0.76	0.27	0.09	1.375	0.858442648	0	0	No
AF196972.1	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AL161785.1	1.45	1.29	0.33	0.25	0.934693878	0.937907044	0	0	No
GTF2IP5	5.34	1.66	28.93	28.51	0.41955836	0.986004352	-1.34319	0	No
RPL12P14	0.18	0.37	<0.1	NA	1.161016949	NA	0	NA	No
TMCO1-AS1	0.53	1.53	<0.1	NA	1.653594771	NA	0	NA	No
PRR29	17.81	27.25	21.19	17.43	1.501860712	0.83036669	0.466324	-0.303399	No
PELATON	0.11	0.25	<0.1	NA	1.126126126	NA	0	NA	No
AC114489.2	2.61	5.67	<0.1	NA	1.847645429	NA	0.695518	NA	No
HSP90AA2P	0.2	0.12	<0.1	NA	0.933333333	NA	0	NA	No
IFNA22P	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No
STK24-AS1	0.16	0.32	<0.1	NA	1.137931034	NA	0.804096	NA	No
ADM5	0.25	1.17	<0.1	NA	1.736	NA	0.240207	NA	No
ATP5MFP1	0.36	2.87	<0.1	NA	2.845588235	NA	0.895825	NA	No
RKAR2A-AS	0.83	0.98	<0.1	NA	1.081967213	NA	0	NA	No
PIGUP1	0.11	0.16	<0.1	NA	1.045045045	NA	0.021863	NA	No
LC25A34-AS	0.27	0	<0.1	NA	0.787401575	NA	0	NA	No

LAMC1-AS1	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
ATXN1L	1.18	1.83	<0.1	NA	1.298165138	NA	0	NA	No
LINC00620	0.33	2.06	<0.1	NA	2.30075188	NA	0.514778	NA	No
AC068134.1	1	1.72	<0.1	NA	1.36	NA	0	NA	No
SMIM13	0.25	0.31	<0.1	NA	1.048	NA	0	NA	No
AC096677.1	0.28	0.05	0.38	0.28	0.8203125	0.929665172	-0.778937	0	No
SNRPGP15	1.28	2.96	<0.1	NA	1.736842105	NA	0.302899	NA	No
AC114491.1	25.39	24.47	<0.1	NA	0.96513831	NA	0	NA	No
HNRNPA1P4	0.8	0.59	2.83	3.64	0.883333333	1.211629467	0	-0.0922627	No
MIR3659HG	0.48	0.48	<0.1	NA	1	NA	0	NA	No
RPL29P19	0.24	0.3	<0.1	NA	1.048387097	NA	0	NA	No
SVIL-AS1	7.58	11.04	1.72	3.26	1.403263403	1.567710022	0.352423	0.284538	No
TNK2-AS1	1.03	0.78	<0.1	NA	0.876847291	NA	0	NA	No
RTCA-AS1	4.73	1.42	<0.1	NA	0.422338569	NA	-0.171869	NA	No
AL451042.1	0.31	0.08	<0.1	NA	0.824427481	NA	0	NA	No
RPS27AP16	0.13	0.13	<0.1	NA	1	NA	0	NA	No
AC026954.1	0.19	0.58	1.83	1.91	1.327731092	1.028796617	0.334507	-0.227772	No
IGHV3-74	1.03	0.42	7.48	6.49	0.699507389	0.882680548	-0.366689	-0.155549	No
LINC00885	0.16	0.25	<0.1	NA	1.077586207	NA	0	NA	No
SH3BP5-AS1	0.18	8.62	<0.1	NA	8.152542373	NA	3.80808	NA	No
ETV7-AS1	0.22	0.73	<0.1	NA	1.418032787	NA	0	NA	No
PDIA3P2	2.95	9.26	<0.1	NA	2.597468354	NA	0.923385	NA	No
PLA2G12AP1	0.32	0.52	<0.1	NA	1.151515152	NA	0	NA	No
RASAL2-AS1	0.77	1.07	<0.1	NA	1.169491525	NA	0	NA	No
AMTOR5-AS	0.43	1.12	<0.1	NA	1.482517483	NA	0.883085	NA	No
AC025165.1	2.03	3.92	<0.1	NA	1.623762376	NA	0	NA	No
CEP57L1P1	1.97	2.97	<0.1	NA	1.336700337	NA	0.110366	NA	No
IMPDH1P8	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
AC099850.1	0.79	1.04	<0.1	NA	1.139664804	NA	0	NA	No
LINC01167	1	0.47	6.04	3.73	0.735	0.672511345	-0.0410387	-0.54459	No
MUC20P1	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
CETN4P	0.86	1.33	0.31	0.32	1.252688172	1.009772356	0.121627	0	No
AL022326.1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
LINC00853	0.17	0.92	<0.1	NA	1.641025641	NA	0	NA	No
DUX4L9	0.22	0.45	<0.1	NA	1.18852459	NA	0	NA	No
TMEM183B	10.22	14.64	5.68	6.63	1.393939394	1.141741428	0.410588	0	No
GCSHP5	0.15	0.97	<0.1	NA	1.713043478	NA	0.514778	NA	No
AL161908.1	0.31	1.02	<0.1	NA	1.541984733	NA	0	NA	No

LINC00240	7.8	11.21	2.36	2.79	1.3875	1.127318401	0.359947	0	No
NQO2-AS1	0.71	1.69	<0.1	NA	1.573099415	NA	0.382598	NA	No
AL589843.1	6.74	10.34	<0.1	NA	1.465116279	NA	0	NA	No
RPL29P11	0.87	3.04	<0.1	NA	2.160427807	NA	0	NA	No
YBX1P1	15.98	9.74	<0.1	NA	0.632508834	NA	-0.486864	NA	No
MRPL20-AS1	3.67	4.29	<0.1	NA	1.132762313	NA	0	NA	No
NDUFAF8	1.63	5.92	<0.1	NA	2.631178707	NA	0.848144	NA	No
AC138028.2	5.5	5.93	7.54	8.30	1.066153846	1.089285639	0	0	No
AP001347.1	0.21	0.36	<0.1	NA	1.123966942	NA	0	NA	No
NDUFA5P10	0.19	0.21	2.70	4.18	1.016806723	1.398703809	0	0.00442137	No
KRT8P30	0.59	1.08	<0.1	NA	1.308176101	NA	0	NA	No
AL391684.1	192.49	117.65	<0.1	NA	0.613209985	NA	-0.589794	NA	No
LINC00184	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
PRRT4	2	4.63	<0.1	NA	1.876666667	NA	0.786114	NA	No
AL353150.1	0.16	0.25	1.46	2.20	1.077586207	1.300693228	0	0.281474	No
AL390066.2	0.59	1.04	<0.1	NA	1.283018868	NA	0	NA	No
LINC02586	1.35	0.34	<0.1	NA	0.570212766	NA	0	NA	No
SUMO2P3	0.47	0.85	<0.1	NA	1.258503401	NA	0	NA	No
INE1	0.45	1.47	0.29	0.28	1.703448276	0.994525533	0.976625	-0.0956358	No
LINC02776	0.32	0.51	1.83	1.62	1.143939394	0.926849222	0.193202	0	No
AL512363.1	0.21	0.29	<0.1	NA	1.066115702	NA	0	NA	No
AL590714.1	0.27	0.22	<0.1	NA	0.960629921	NA	0	NA	No
AL445645.1	0.14	0.28	<0.1	NA	1.122807018	NA	0	NA	No
UBE2D3P1	0.44	1.56	<0.1	NA	1.777777778	NA	0.559551	NA	No
EIF4BP7	0.27	0.71	<0.1	NA	1.346456693	NA	0	NA	No
AL162586.1	8.31	7.98	<0.1	NA	0.964554243	NA	0	NA	No
LINC01058	0.14	0.21	0.33	0.49	1.061403509	1.116836367	0	0	No
RPL23AP2	0.18	0.38	<0.1	NA	1.169491525	NA	0	NA	No
AC004552.1	1.46	0	2.49	2.62	0.406504065	1.036503777	-1.30189	0	No
LINC00337	1.27	1.15	<0.1	NA	0.947136564	NA	0	NA	No
PFN1P4	4.74	3.31	21.77	19.62	0.75087108	0.905572204	0	-0.19767	No
AC083900.1	32.06	31.81	<0.1	NA	0.992437992	NA	0	NA	No
RANP4	0.28	0.57	<0.1	NA	1.2265625	NA	0	NA	No
PSME2P2	0.14	0.19	<0.1	NA	1.043859649	NA	0	NA	No
DYNC1I2P1	0.26	0.29	<0.1	NA	1.023809524	NA	0	NA	No
SLC9A3-AS1	0.75	0.57	<0.1	NA	0.897142857	NA	0	NA	No
NPM1P39	5.43	4.02	<0.1	NA	0.780715397	NA	0	NA	No
LINC00618	10.02	6.67	<0.1	NA	0.69600726	NA	-0.192443	NA	No

AL662890.1	8.19	9.11	<0.1	NA	1.100108814	NA	0	NA	No
AL590617.2	73.74	48.05	<0.1	NA	0.656275087	NA	-0.493628	NA	No
RPSAP58	0.47	0.9	<0.1	NA	1.292517007	NA	0.313438	NA	No
AC073283.1	0.18	0.3	<0.1	NA	1.101694915	NA	0	NA	No
PLEKHM1	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
AC078883.1	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
MIR137HG	0.19	0.26	<0.1	NA	1.058823529	NA	0	NA	No
DUXAP9	0.14	0.71	<0.1	NA	1.5	NA	0.594125	NA	No
AC073367.1	0.2	1.3	3.96	7.78	1.916666667	1.77014608	1.72691	0.60622	No
HSPA7	5.87	7.36	<0.1	NA	1.216885007	NA	0	NA	No
AC008937.1	0.16	0.35	<0.1	NA	1.163793103	NA	0	NA	No
RAPPC12-AS	0.36	0.43	<0.1	NA	1.051470588	NA	0	NA	No
PSLNR	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
ST13P6	0.23	0.57	1.27	2.42	1.276422764	1.507977762	0	0.313514	No
ZNRF2P2	0.48	0	<0.1	NA	0.675675676	NA	0	NA	No
TAF1A-AS1	1.09	2.37	<0.1	NA	1.612440191	NA	0	NA	No
LINC00705	5.64	5.49	<0.1	NA	0.977409639	NA	0	NA	No
AL121987.1	0.79	0.47	<0.1	NA	0.82122905	NA	0	NA	No
LINC01770	1.57	0.72	<0.1	NA	0.6692607	NA	0	NA	No
AL591178.1	2.95	2.27	<0.1	NA	0.827848101	NA	0	NA	No
AC016027.1	2.21	2.4	<0.1	NA	1.059190031	NA	0	NA	No
SNX18P3	0.6	0.24	<0.1	NA	0.775	NA	0	NA	No
AC093840.1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
PP1R26-AS1	0.15	0.15	<0.1	NA	1	NA	0	NA	No
CT62	1.07	2.74	0.78	0.74	1.806763285	0.980147711	0.791716	0	No
NRSN2-AS1	0.13	0.27	<0.1	NA	1.123893805	NA	0	NA	No
SFTA1P	0.11	0.46	<0.1	NA	1.315315315	NA	0	NA	No
AL353572.1	0.33	0.73	<0.1	NA	1.30075188	NA	0	NA	No
AL136980.1	0.15	0.08	<0.1	NA	0.939130435	NA	0	NA	No
RPL21P3	2.18	1.31	<0.1	NA	0.726415094	NA	-0.110495	NA	No
RBMS1P1	23.73	33.84	<0.1	NA	1.408815204	NA	0.416513	NA	No
LINC01671	0.18	0.74	<0.1	NA	1.474576271	NA	0	NA	No
BOLA3-AS1	0.31	0.23	2.14	1.27	0.938931298	0.722486811	0	0	No
MPRIP-AS1	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
AL021707.1	1.22	0.89	<0.1	NA	0.851351351	NA	0	NA	No
JPX	28.9	23.03	218.49	192.99	0.80367893	0.883811373	-0.097649	-0.213638	No
RPL22P4	0.68	2.05	<0.1	NA	1.81547619	NA	0.285084	NA	No
VUTM2B-AS	6.89	10.4	6.86	6.99	1.44486692	1.016647203	0.469289	0	No

<i>CYP4A22-AS</i>	0.22	0.28	<0.1	NA	1.049180328	NA	0	NA	No
<i>AC069282.1</i>	0.35	0.6	<0.1	NA	1.185185185	NA	0.232818	NA	No
<i>AL158824.1</i>	0.74	0.51	<0.1	NA	0.867816092	NA	0	NA	No
<i>LINC01703</i>	0.38	0.46	<0.1	NA	1.057971014	NA	0	NA	No
<i>MKRN2OS</i>	0.11	0.28	2.00	3.08	1.153153153	1.360700667	0	0.191537	No
<i>AC245452.1</i>	0.12	0.18	<0.1	NA	1.053571429	NA	0	NA	No
<i>C2CD4D</i>	0.94	0.29	<0.1	NA	0.664948454	NA	0	NA	No
<i>NCBP2-AS1</i>	0.5	0.19	<0.1	NA	0.793333333	NA	0	NA	No
<i>ZNF469</i>	3.49	2.04	<0.1	NA	0.677060134	NA	-0.132857	NA	No
<i>MTND2P28</i>	0.24	1.2	1.66	1.31	1.774193548	0.867849301	0.326271	-0.29349	No
<i>AL606491.1</i>	0.54	1.54	0.45	0.22	1.649350649	0.842733952	0.696588	0	No
<i>SBDSP1</i>	0.25	0.1	<0.1	NA	0.88	NA	0	NA	No
<i>BX255923.1</i>	0.32	0.28	<0.1	NA	0.96969697	NA	0	NA	No
<i>MCRIP1</i>	0.38	1.57	<0.1	NA	1.862318841	NA	0.29246	NA	No
<i>AC002378.1</i>	0.24	0	<0.1	NA	0.806451613	NA	0	NA	No
<i>LAGE3P1</i>	0.69	1.94	<0.1	NA	1.73964497	NA	0.764491	NA	No
<i>HNRNPA1P3</i>	0.16	0.27	<0.1	NA	1.094827586	NA	0	NA	No
<i>SLC26A6</i>	0.16	0.64	<0.1	NA	1.413793103	NA	0	NA	No
<i>AL031846.1</i>	1.94	3.89	0.12	0.12	1.663265306	1.001512122	0.671266	0	No
<i>AL592166.1</i>	0.45	0.82	<0.1	NA	1.255172414	NA	0.0316695	NA	No
<i>FGD5-AS1</i>	0.89	0.45	2.58	3.03	0.767195767	1.125630173	-0.412182	0	No
<i>LINC02036</i>	7.11	7.25	<0.1	NA	1.017262639	NA	0	NA	No
<i>LINC00431</i>	0.77	0.64	<0.1	NA	0.926553672	NA	0	NA	No
<i>P3H2-AS1</i>	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
<i>DHRS4L1</i>	0.34	0	<0.1	NA	0.746268657	NA	0	NA	No
<i>RPS29P3</i>	0.74	1.06	<0.1	NA	1.183908046	NA	0	NA	No
<i>PROSER2-AS</i>	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
<i>AL109610.1</i>	0.3	1.38	<0.1	NA	1.830769231	NA	1.39998	NA	No
<i>TRAM2-AS1</i>	0.15	0.15	<0.1	NA	1	NA	0	NA	No
<i>AC073321.1</i>	0.43	0.21	<0.1	NA	0.846153846	NA	0	NA	No
<i>DNAJC19P5</i>	0.4	0.33	4.56	4.78	0.95	1.040256762	0	0	No
<i>FAM229A</i>	0.14	0.55	<0.1	NA	1.359649123	NA	0	NA	No
<i>ERCC6</i>	0.24	0.17	1.27	1.51	0.943548387	1.104719203	0	0	No
<i>GS1-594A7.3</i>	0.35	0.93	<0.1	NA	1.42962963	NA	0	NA	No
<i>RUSC1-AS1</i>	0.51	0.61	<0.1	NA	1.066225166	NA	0	NA	No
<i>AL645939.2</i>	0.36	1.54	<0.1	NA	1.867647059	NA	0	NA	No
<i>AL022315.1</i>	2.12	0.83	<0.1	NA	0.586538462	NA	-0.578239	NA	No
<i>AC245100.2</i>	4.76	3.47	0.24	0.14	0.776041667	0.920021352	-0.0520962	0	No

LINC01529	0.41	0.27	<0.1	NA	0.90070922	NA	0	NA	No
LINC00115	0.18	0.76	<0.1	NA	1.491525424	NA	0.29246	NA	No
AC012368.1	0.48	0.57	<0.1	NA	1.060810811	NA	0	NA	No
NOL7	0.42	0.36	8.08	6.84	0.957746479	0.86396808	0	-0.311914	No
CTAGE4	14.13	22.04	<0.1	NA	1.522802379	NA	0.383192	NA	No
AL109741.1	0.33	0	<0.1	NA	0.751879699	NA	0	NA	No
AL121574.1	22.91	21.72	14.00	13.51	0.950230029	0.967081752	0	-0.0529283	No
NTF4	1.49	0.55	<0.1	NA	0.62248996	NA	0	NA	No
ODF2-AS1	16.82	17.01	<0.1	NA	1.010662177	NA	0	NA	No
SATB2-AS1	0.12	0.34	<0.1	NA	1.196428571	NA	0	NA	No
ELFN1	1.21	0.66	<0.1	NA	0.751131222	NA	0	NA	No
4BHD11-AS1	0.39	0.22	<0.1	NA	0.877697842	NA	0	NA	No
PIGBOS1	8.54	7.76	26.22	28.94	0.918238994	1.099788382	0	0	No
LINC01534	0.75	0.17	<0.1	NA	0.668571429	NA	0	NA	No
CKS1BP2	0.35	0.42	<0.1	NA	1.051851852	NA	0	NA	No
GTF2IP14	23.02	33.88	24.56	26.80	1.452123231	1.087638383	0.465164	0	No
BX005266.2	0.4	0.47	<0.1	NA	1.05	NA	0	NA	No
KCNIP2-AS1	0.27	3.23	<0.1	NA	3.330708661	NA	1.97471	NA	No
TLK2P1	5.27	6.6	<0.1	NA	1.212121212	NA	0	NA	No
ZNF503-AS1	0.34	0.34	0.32	0.28	1	0.972785637	0	0	No
LINC01776	0.31	3.75	<0.1	NA	3.625954198	NA	0.649161	NA	No
MEMO1P1	0.2	13.41	<0.1	NA	12.00833333	NA	5.10285	NA	No
ZBTB45P2	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
LINC00623	0.37	0.43	1.81	1.73	1.04379562	0.971764125	0	0	No
AC113935.1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
UQCRFS1P1	0.51	0.68	<0.1	NA	1.112582781	NA	0	NA	No
EIF3LP3	1	0.86	9.71	14.12	0.93	1.412014253	0	0.0212647	No
HHLA3-AS1	0.56	1.5	0.93	1.18	1.602564103	1.130875406	1.13936	0	No
AHCTF1P1	1.4	6.33	<0.1	NA	3.054166667	NA	1.23467	NA	No
LINC01907	1.78	1.28	37.39	33.59	0.820143885	0.900907956	-0.0016009	-0.0917011	No
BAIAP2-DT	1.67	0.86	<0.1	NA	0.696629213	NA	0	NA	No
KRT16P6	0.21	0.21	<0.1	NA	1	NA	0	NA	No
AP4B1-AS1	0.38	0.95	<0.1	NA	1.413043478	NA	0.0902111	NA	No
TEX22	0.14	0.08	<0.1	NA	0.947368421	NA	0	NA	No
LINC00685	2.07	0.85	0.86	0.70	0.602605863	0.911543585	-0.425585	0	No
AC010536.1	0.16	0.08	<0.1	NA	0.931034483	NA	0	NA	No
WASH8P	52.08	51.93	46.82	41.69	0.997174077	0.892646498	0	-0.240471	No
RPL26P19	0.99	0.66	<0.1	NA	0.834170854	NA	0	NA	No

<i>NPIP814P</i>	1.06	0.93	<0.1	NA	0.936893204	NA	0	NA	No
<i>RPL37AP1</i>	0.13	0.13	<0.1	NA	1	NA	0	NA	No
<i>ZNF32-AS1</i>	0.53	1.18	<0.1	NA	1.424836601	NA	0	NA	No
<i>PTP4A1P3</i>	0.22	0.21	<0.1	NA	0.991803279	NA	0	NA	No
<i>GTF2H2B</i>	2.06	0.81	0.62	0.41	0.591503268	0.869106604	-0.837883	-0.286218	No
<i>PIMREGP1</i>	1.53	4.19	1.09	1.61	2.051383399	1.250573554	0.566982	0	No
<i>AC009961.1</i>	4.41	5.17	12.05	12.93	1.140480591	1.067769464	0	0	No
<i>AC135977.1</i>	0.38	0.61	3.04	3.82	1.166666667	1.192177597	0	0	No
<i>AC105393.1</i>	0.45	2.22	<0.1	NA	2.220689655	NA	0	NA	No
<i>TMEM191A</i>	1.09	2.28	<0.1	NA	1.56937799	NA	0	NA	No
<i>AC091729.2</i>	1.21	0.77	<0.1	NA	0.800904977	NA	0	NA	No
<i>AL022157.1</i>	0.17	0.09	0.32	0.26	0.931623932	0.956284364	0	0	No
<i>CFLAR-AS1</i>	0.69	0.57	<0.1	NA	0.928994083	NA	0	NA	No
<i>ZNF192P1</i>	0.14	1.04	<0.1	NA	1.789473684	NA	1.93155	NA	No
<i>NUP50-DT</i>	0.38	0.72	<0.1	NA	1.246376812	NA	0	NA	No
<i>AL606489.1</i>	4.64	4.51	<0.1	NA	0.976950355	NA	0	NA	No
<i>AL354836.1</i>	1.96	0.21	<0.1	NA	0.408783784	NA	-1.59083	NA	No
<i>AL359182.1</i>	1.42	1.17	11.23	11.62	0.896694215	1.032254833	0	0	No
<i>PSPC1-AS2</i>	3.28	2.02	<0.1	NA	0.705607477	NA	0	NA	No
<i>AL353803.1</i>	6.39	5.86	<0.1	NA	0.928281461	NA	0	NA	No
<i>RPL10AP6</i>	0.39	0	<0.1	NA	0.71942446	NA	0	NA	No
<i>AL031727.1</i>	0.46	3.53	<0.1	NA	3.102739726	NA	1.15472	NA	No
<i>TPI1P1</i>	0.4	0.85	3.37	3.50	1.321428571	1.028748034	0.51546	-0.0432912	No
<i>SLC16A1-AS</i>	0.41	1.21	<0.1	NA	1.567375887	NA	0.748067	NA	No
<i>AL121929.1</i>	3.75	5.37	<0.1	NA	1.341052632	NA	0.278687	NA	No
<i>AC010342.1</i>	2.83	45.19	<0.1	NA	12.06005222	NA	3.65517	NA	No
<i>BX322234.1</i>	0.15	0	2.00	2.54	0.869565217	1.180529879	0	0	No
<i>CYP2D8P</i>	0.15	0.37	1.92	1.62	1.191304348	0.898269235	0	-0.0119586	No
<i>LINC02542</i>	0.5	1.62	1.87	1.80	1.746666667	0.97611728	0	0	No
<i>AL390198.1</i>	0.63	0.2	<0.1	NA	0.736196319	NA	-0.210124	NA	No
<i>Z93930.2</i>	26.95	25.8	<0.1	NA	0.958855098	NA	0	NA	No
<i>AC008013.1</i>	13.91	11.34	<0.1	NA	0.827632461	NA	0	NA	No
<i>TMEM185B</i>	0.65	0.43	<0.1	NA	0.866666667	NA	0	NA	No
<i>FAM138B</i>	0.19	0.19	<0.1	NA	1	NA	0	NA	No
<i>KIRREL1-IT1</i>	0.62	0	1.18	1.52	0.617283951	1.157896354	0	0	No
<i>RPS7P10</i>	0.38	0	<0.1	NA	0.724637681	NA	0	NA	No
<i>MLXP1</i>	0.47	0.74	2.58	2.64	1.183673469	1.015475171	0	0	No
<i>RPL7P22</i>	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No

SCDP1	0.24	0.04	<0.1	NA	0.838709677	NA	-0.117269	NA	No
FTH1P20	0.22	0.56	<0.1	NA	1.278688525	NA	0	NA	No
FTLP3	0.22	0	<0.1	NA	0.819672131	NA	-0.352227	NA	No
AL390067.1	3.59	2.98	1.39	1.04	0.867102397	0.853362452	0	0	No
AL121899.1	0.18	0.88	<0.1	NA	1.593220339	NA	0	NA	No
AP006216.1	0.16	0.16	<0.1	NA	1	NA	0	NA	No
AC019118.1	0.21	0.62	<0.1	NA	1.338842975	NA	0.627927	NA	No
LINC01535	0.59	1.11	0.90	1.02	1.327044025	1.062275349	0.143821	0	No
LENG8-AS1	6.98	11.9	<0.1	NA	1.616541353	NA	0.561769	NA	No
AL360181.1	0.22	1.21	<0.1	NA	1.81147541	NA	0	NA	No
AL161452.1	6.67	5.25	<0.1	NA	0.814863103	NA	0	NA	No
FAM66C	1.03	1.48	<0.1	NA	1.221674877	NA	0	NA	No
HSBP1L1	0.14	0.28	<0.1	NA	1.122807018	NA	0	NA	No
CUTALP	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AL606760.1	2.13	0.49	<0.1	NA	0.476038339	NA	-0.361187	NA	No
AC007365.1	0.12	0.94	<0.1	NA	1.732142857	NA	0.00670363	NA	No
PGAM4	9.27	5.98	<0.1	NA	0.679649464	NA	-0.164	NA	No
AL138749.1	1.09	1.23	1.67	1.42	1.066985646	0.906741223	0	-0.0577068	No
CACTIN-AS1	0.2	0.82	<0.1	NA	1.516666667	NA	0	NA	No
SUGT1P1	0.18	0.43	<0.1	NA	1.211864407	NA	0	NA	No
AC006001.2	0.34	0.23	<0.1	NA	0.917910448	NA	0	NA	No
AC092164.1	0.39	0.75	<0.1	NA	1.258992806	NA	0	NA	No
RHGAP29-AS1	0.13	0.24	<0.1	NA	1.097345133	NA	0	NA	No
AL109811.1	0.38	0.84	<0.1	NA	1.333333333	NA	0.0449718	NA	No
AC010894.1	0.51	0.44	<0.1	NA	0.953642384	NA	0	NA	No
THORLNC	0.75	1.87	<0.1	NA	1.64	NA	0.580269	NA	No
ATE1-AS1	6.26	8.09	8.93	9.14	1.252066116	1.021509187	0.20101	-0.0057672	No
AL451069.1	0.17	0.13	<0.1	NA	0.965811966	NA	0	NA	No
BSN-DT	0.73	0	<0.1	NA	0.578034682	NA	-0.0100004	NA	No
AL365184.1	3.37	3.45	<0.1	NA	1.018306636	NA	0	NA	No
IL9RP3	0.15	4.02	<0.1	NA	4.365217391	NA	2.49429	NA	No
ALG1L5P	0.15	0.15	<0.1	NA	1	NA	0	NA	No
RNF207-AS1	0.45	0.15	<0.1	NA	0.793103448	NA	0	NA	No
DANCR	0.2	0.19	<0.1	NA	0.991666667	NA	0	NA	No
AC078883.2	0.81	0.4	<0.1	NA	0.773480663	NA	0	NA	No
RHEBP2	0.13	0.35	<0.1	NA	1.194690265	NA	0	NA	No
AL512638.1	0.2	0.29	<0.1	NA	1.075	NA	0	NA	No
COX6A1P2	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No

LTA	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AL009174.1	0.49	0.35	<0.1	NA	0.906040268	NA	0	NA	No
FUNDC2P4	2.99	4.72	5.42	6.33	1.43358396	1.142077779	0.216121	0	No
FKBP14-AS1	0.58	0	<0.1	NA	0.632911392	NA	0	NA	No
LINC00511	0.34	0.33	<0.1	NA	0.992537313	NA	0	NA	No
ITGB2-AS1	0.11	0.03	0.11	0.22	0.927927928	1.097409344	0	0	No
AL512288.1	3.23	2.83	2.81	6.45	0.905437352	1.954191948	0	0.662032	No
C14orf132	2.5	3.19	<0.1	NA	1.197142857	NA	0.105483	NA	No
MUC12-AS1	0.28	0.3	<0.1	NA	1.015625	NA	0	NA	No
WDR46	0.17	0.09	<0.1	NA	0.931623932	NA	0	NA	No
LINC00629	0.28	0.28	3.49	3.43	1	0.985906821	0	0	No
RPL41P1	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
EPS15-AS1	0.59	0.75	1.26	1.01	1.100628931	0.889730118	0	-0.0491423	No
FOCAD-AS1	3.37	4.82	7.52	7.32	1.33180778	0.976821452	0	0	No
AL353706.1	2	1.91	<0.1	NA	0.97	NA	0	NA	No
SDHDP2	0.25	0.38	<0.1	NA	1.104	NA	0	NA	No
AL158166.1	0.57	3.9	<0.1	NA	3.121019108	NA	2.22113	NA	No
AC107983.1	0.12	0.02	<0.1	NA	0.910714286	NA	0	NA	No
AC005912.1	0.67	0.33	<0.1	NA	0.796407186	NA	0	NA	No
RPS28P7	0.37	0.14	<0.1	NA	0.832116788	NA	0	NA	No
AC073210.1	0.59	1.14	0.97	0.96	1.34591195	0.996512033	0	0	No
ZNF717	0.85	2.1	<0.1	NA	1.675675676	NA	0.683701	NA	No
MGAT3-AS1	0.22	0.2	<0.1	NA	0.983606557	NA	0	NA	No
AC244453.1	0.55	12.42	<0.1	NA	8.658064516	NA	3.86896	NA	No
ST7-AS1	0.13	0.41	<0.1	NA	1.247787611	NA	0	NA	No
SUB1P1	0.49	1.94	<0.1	NA	1.973154362	NA	0.321437	NA	No
RPL31P12	0.85	0.28	<0.1	NA	0.691891892	NA	0	NA	No
PFN1P6	3.71	2.78	81.05	70.35	0.802547771	0.869551436	-0.225261	-0.295407	No
HCG15	0.29	0	<0.1	NA	0.775193798	NA	0	NA	No
AL157935.1	73.24	82.41	<0.1	NA	1.123518319	NA	0.00946457	NA	No
WASH7P	0.74	0.87	<0.1	NA	1.074712644	NA	0	NA	No
SLAMF6P1	20.74	19.58	<0.1	NA	0.946642134	NA	0	NA	No
MIS18A-AS1	0.9	1.03	<0.1	NA	1.068421053	NA	0	NA	No
AC110015.1	0.51	0.13	<0.1	NA	0.748344371	NA	0	NA	No
ARID3BP1	0.17	0.28	<0.1	NA	1.094017094	NA	0	NA	No
ELL2P1	0.51	0.81	<0.1	NA	1.198675497	NA	0.410379	NA	No
KRT16P2	2.63	1.88	11.61	16.21	0.79338843	1.364873749	-0.0099211	0.311913	No
LINC02832	0.44	0.22	<0.1	NA	0.847222222	NA	0	NA	No

AL139396.1	0.34	0.51	0.17	0.19	1.126865672	1.017150568	0	0	No
HAUS6P1	0.79	1.57	<0.1	NA	1.43575419	NA	0	NA	No
PARG	25.34	24.66	42.62	43.50	0.974183751	1.020152945	0	0	No
RBM26-AS1	0.29	0.32	<0.1	NA	1.023255814	NA	0	NA	No
LINC00866	2442.64	1690.29	<0.1	NA	0.692119134	NA	-0.444976	NA	No
AC254562.1	3.26	2.92	<0.1	NA	0.920187793	NA	0	NA	No
TP73-AS1	0.76	1.89	1.58	0.84	1.642045455	0.713981985	0	0	No
DLG1-AS1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
FTH1P16	3.45	1.95	<0.1	NA	0.662921348	NA	0	NA	No
AL133410.1	2.74	5.04	<0.1	NA	1.614973262	NA	0	NA	No
AC079355.2	3.05	2.8	<0.1	NA	0.938271605	NA	0	NA	No
KIF9-AS1	171.49	116.01	<0.1	NA	0.678358166	NA	-0.379436	NA	No
RPL37P1	143.07	82.64	<0.1	NA	0.580551121	NA	-0.558429	NA	No
LINC01806	0.23	1.38	<0.1	NA	1.93495935	NA	0	NA	No
CSE1L-AS1	0.74	0.89	1.36	1.54	1.086206897	1.077322621	0	0	No
ATP5MC1P4	0.43	0.11	<0.1	NA	0.776223776	NA	0	NA	No
FGF7P6	0.32	1.41	<0.1	NA	1.825757576	NA	0	NA	No
RPL39P16	0.28	0.57	0.87	0.32	1.2265625	0.70771311	0	-0.305614	No
AKR1B15	0.28	0.56	<0.1	NA	1.21875	NA	0	NA	No
TSSK5P	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
STK4-AS1	0.8	0.67	<0.1	NA	0.927777778	NA	0	NA	No
AC124861.1	1.45	2.33	<0.1	NA	1.359183673	NA	0	NA	No
KIF1C-AS1	0.15	0.59	<0.1	NA	1.382608696	NA	0.321437	NA	No
AC099066.2	5.62	4.07	12.35	11.33	0.765861027	0.923851185	-0.0319691	-0.139378	No
SCAMP4	1.15	0.35	<0.1	NA	0.627906977	NA	0	NA	No
LTB	0.49	0	<0.1	NA	0.67114094	NA	0	NA	No
AL008719.1	0.12	0.24	<0.1	NA	1.107142857	NA	0	NA	No
SLC2A1-AS1	0.26	0.1	<0.1	NA	0.873015873	NA	0	NA	No
DNAJC9-AS1	0.14	0.25	<0.1	NA	1.096491228	NA	0	NA	No
AC092614.1	12.3	10.36	<0.1	NA	0.854135338	NA	0	NA	No
SPAG5-AS1	0.2	0.2	<0.1	NA	1	NA	0	NA	No
ADGRF5P1	0.64	0.32	<0.1	NA	0.804878049	NA	0	NA	No
SD11B1-AS	0.14	0.1	<0.1	NA	0.964912281	NA	0	NA	No
Z94721.1	2.38	2.87	4.56	4.84	1.144970414	1.050768454	0	0	No
AP001324.1	0.32	0.51	0.27	0.16	1.143939394	0.917121252	0.0052058	0	No
AL391056.1	0.64	0.51	<0.1	NA	0.920731707	NA	0	NA	No
ALG1L8P	0.12	0.47	<0.1	NA	1.3125	NA	0	NA	No
AL080276.2	2.99	3.18	0.75	0.56	1.047619048	0.89355204	0	-0.240304	No

LINC01132	0.45	0.55	0.24	0.24	1.068965517	0.999337781	0	0	No
LINC01714	0.87	1.16	<0.1	NA	1.155080214	NA	0	NA	No
ISCA1P6	0.21	0.13	<0.1	NA	0.933884298	NA	0	NA	No
AL390728.4	1.13	3.09	<0.1	NA	1.920187793	NA	0	NA	No
MED28P3	0.8	1.13	0.32	0.36	1.183333333	1.030760976	0.079427	0	No
AP001619.1	0.38	0.38	<0.1	NA	1	NA	0	NA	No
AL713998.1	1.7	1.33	<0.1	NA	0.862962963	NA	0	NA	No
AC006042.1	0.47	0.94	<0.1	NA	1.319727891	NA	0	NA	No
GCOM2	0.12	0.61	<0.1	NA	1.4375	NA	0	NA	No
AL121987.2	1.05	0	<0.1	NA	0.487804878	NA	0	NA	No
CALR4P	2.47	1.24	<0.1	NA	0.645533141	NA	-0.529352	NA	No
AL645939.3	11.49	17.66	<0.1	NA	1.493995196	NA	0.311926	NA	No
AL671277.1	0.28	0.72	0.12	0.07	1.34375	0.957271089	0.00995461	0	No
AC002553.1	1.37	1.12	<0.1	NA	0.894514768	NA	0	NA	No
CDPF1P1	0.18	0.46	<0.1	NA	1.237288136	NA	0	NA	No
AL158198.1	0.23	0.11	<0.1	NA	0.902439024	NA	0	NA	No
SLC9A7P1	11.13	11.79	41.39	37.89	1.054410552	0.917481071	0	-0.177896	No
AC138969.2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
SUCLA2-AS1	0.49	0.79	0.50	0.45	1.201342282	0.968477461	0.0118514	0	No
DPY19L2P3	1.88	2.56	0.86	1.01	1.236111111	1.0832566	0	0	No
AL358075.2	1.59	1.7	<0.1	NA	1.042471042	NA	0	NA	No
AL590652.1	0.2	0.58	0.75	0.93	1.316666667	1.103980114	0.539398	0	No
AL731569.1	0.18	0.25	<0.1	NA	1.059322034	NA	0	NA	No
AC092634.3	1.79	3.13	<0.1	NA	1.480286738	NA	0	NA	No
AL449043.1	0.28	0.14	<0.1	NA	0.890625	NA	0	NA	No
RPL3P2	11.25	11.24	<0.1	NA	0.999183673	NA	0	NA	No
UQCRBP2	0.75	2.59	<0.1	NA	2.051428571	NA	1.26845	NA	No
AC007383.1	0.21	0.28	<0.1	NA	1.05785124	NA	0	NA	No
AL451042.2	0.19	0.08	<0.1	NA	0.907563025	NA	0	NA	No
RBM15-AS1	0.11	0.21	<0.1	NA	1.09009009	NA	0	NA	No
AC108463.1	0.27	2.19	<0.1	NA	2.511811024	NA	1.27492	NA	No
AC069257.1	0.27	0.14	<0.1	NA	0.897637795	NA	0	NA	No
AC010967.1	3.09	3.88	<0.1	NA	1.193154034	NA	0	NA	No
AL139246.3	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
AC114763.1	1.08	0.36	<0.1	NA	0.653846154	NA	0	NA	No
AL160408.1	0.11	0.07	<0.1	NA	0.963963964	NA	0	NA	No
PABPC4-AS1	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
AC118553.1	0.29	0.29	<0.1	NA	1	NA	0	NA	No

AP000692.1	0.37	0.71	<0.1	NA	1.248175182	NA	0	NA	No
MELTF-AS1	0.12	0.73	<0.1	NA	1.544642857	NA	0.934001	NA	No
ST13P19	0.24	1.19	<0.1	NA	1.766129032	NA	0	NA	No
FALEC	18.2	10.54	<0.1	NA	0.601041667	NA	-0.487419	NA	No
AP001469.2	0.27	0	<0.1	NA	0.787401575	NA	0	NA	No
AL031283.1	0.26	0.19	<0.1	NA	0.944444444	NA	0	NA	No
AL357140.2	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
AC007952.2	0.34	0.37	<0.1	NA	1.02238806	NA	0	NA	No
TLE1P1	12.63	14.61	<0.1	NA	1.145267792	NA	0.115599	NA	No
AL020996.1	0.68	4.35	<0.1	NA	3.18452381	NA	1.09216	NA	No
GEMIN8P4	1.2	1.16	0.64	0.24	0.981818182	0.75777099	0	-0.682205	No
AL512353.1	0.63	0.32	<0.1	NA	0.809815951	NA	0	NA	No
PTPN2P1	0.19	0.44	<0.1	NA	1.210084034	NA	0.289289	NA	No
AL022341.1	0.28	0.42	<0.1	NA	1.109375	NA	0	NA	No
AC131235.1	0.12	0.18	<0.1	NA	1.053571429	NA	0	NA	No
PNRC2P1	0.17	0.04	<0.1	NA	0.888888889	NA	0	NA	No
ATF4P3	0.27	0.18	<0.1	NA	0.929133858	NA	0	NA	No
HCG11	0.36	2.34	<0.1	NA	2.455882353	NA	0.248989	NA	No
GAPDHP1	2.79	2.84	<0.1	NA	1.013192612	NA	0	NA	No
AC093495.1	1.42	1.36	<0.1	NA	0.975206612	NA	0	NA	No
AC012442.1	0.25	0.31	<0.1	NA	1.048	NA	0	NA	No
MT-ATP8	1.23	0.15	<0.1	NA	0.515695067	NA	-0.0100004	NA	No
AL021707.2	0.25	0.75	<0.1	NA	1.4	NA	0	NA	No
KATNBL1P6	0.38	0.06	<0.1	NA	0.768115942	NA	0	NA	No
PCAT6	0.26	0.94	<0.1	NA	1.53968254	NA	0	NA	No
FAM174C	0.16	0.24	<0.1	NA	1.068965517	NA	0	NA	No
PRELID1P6	0.2	0.83	<0.1	NA	1.525	NA	0.55978	NA	No
OR2S1P	0.42	0.53	<0.1	NA	1.077464789	NA	0	NA	No
CYP4F29P	0.65	1.06	<0.1	NA	1.248484848	NA	0	NA	No
GUSBP11	0.27	0	<0.1	NA	0.787401575	NA	0	NA	No
AL158070.1	6.76	8.25	<0.1	NA	1.192010309	NA	0	NA	No
MYADM-AS1	0.86	1	<0.1	NA	1.075268817	NA	0	NA	No
AL669831.1	0.38	0.94	0.54	0.99	1.405797101	1.291517483	0	0	No
AC073063.1	0.41	0.14	<0.1	NA	0.808510638	NA	0	NA	No
LINC02585	0.14	0.33	<0.1	NA	1.166666667	NA	0.0974088	NA	No
AL354989.1	1.82	2.91	<0.1	NA	1.386524823	NA	0	NA	No
XNDC12-AS	0.14	0.28	<0.1	NA	1.122807018	NA	0	NA	No
LINC01004	0.54	0.18	<0.1	NA	0.766233766	NA	0	NA	No

AL356481.1	0.42	0.15	<0.1	NA	0.809859155	NA	0	NA	No
CCT6P1	3.3	13.26	1.66	1.38	3.31627907	0.892961795	1.45463	0	No
AC024937.1	0.16	0.16	<0.1	NA	1	NA	0	NA	No
AC004951.1	0.15	0.25	<0.1	NA	1.086956522	NA	0	NA	No
AL139260.1	1.1	2.06	<0.1	NA	1.457142857	NA	0	NA	No
LINC02474	0.58	0.15	<0.1	NA	0.727848101	NA	0	NA	No
OST4	0.38	0	<0.1	NA	0.724637681	NA	0	NA	No
AL663070.1	0.15	0.2	<0.1	NA	1.043478261	NA	0	NA	No
AL138885.2	2.23	3.03	1.41	1.24	1.247678019	0.92801472	0.152749	-0.0578884	No
PRKCE-AS1	0.21	0.27	<0.1	NA	1.049586777	NA	0	NA	No
AL137025.1	0.13	0.25	<0.1	NA	1.10619469	NA	0	NA	No
AL450263.1	0.2	0.1	<0.1	NA	0.916666667	NA	0	NA	No
AL357558.1	60.69	112.47	<0.1	NA	1.839358081	NA	0.61923	NA	No
AL513550.1	0.25	0.31	<0.1	NA	1.048	NA	0	NA	No
AC006460.1	0.36	0.29	1.43	1.46	0.948529412	1.013706337	0	0	No
AC097263.1	6.55	15.48	0.87	1.13	2.182781457	1.14024841	0.860237	0	No
MIR34AHG	22.19	24.46	<0.1	NA	1.09788702	NA	0	NA	No
AC005000.1	8.91	7.1	<0.1	NA	0.817356206	NA	0	NA	No
CCDC183-AS	0.66	0.57	<0.1	NA	0.945783133	NA	0	NA	No
SPCS2P4	0.12	0.16	<0.1	NA	1.035714286	NA	0	NA	No
FNDC10	0.87	1.44	7.19	11.98	1.304812834	1.584434276	0.348074	0.419727	No
AL139011.1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
ZNF883	0.24	0.24	<0.1	NA	1	NA	0	NA	No
AC245100.3	0.53	0.49	<0.1	NA	0.973856209	NA	0	NA	No
AC092295.1	0.53	0.35	<0.1	NA	0.882352941	NA	0	NA	No
HOTAIR	0.82	0.82	<0.1	NA	1	NA	0	NA	No
AC079779.2	0.17	0.5	<0.1	NA	1.282051282	NA	0	NA	No
SNHG26	0.27	0	<0.1	NA	0.787401575	NA	0	NA	No
HNRNPCP7	0.43	0.68	0.18	0.19	1.174825175	1.007698602	0	0	No
AC090587.1	0.17	0.21	<0.1	NA	1.034188034	NA	0	NA	No
PSMD10P1	2.11	2.37	5.27	4.96	1.083601286	0.94991805	0	-0.0403478	No
PROB1	0.47	0.31	<0.1	NA	0.891156463	NA	0	NA	No
PPIAP59	0.11	0.14	<0.1	NA	1.027027027	NA	0	NA	No
TNKS2-AS1	0.16	0.48	<0.1	NA	1.275862069	NA	0	NA	No
LINC00659	10.57	30.14	<0.1	NA	2.691443388	NA	1.27572	NA	No
DHFR	160.74	113.03	164.29	162.73	0.705020403	0.990550194	-0.385176	0	No
SAPCD1	0.15	0.81	<0.1	NA	1.573913043	NA	0	NA	No
AC008781.1	0.5	0.2	<0.1	NA	0.8	NA	0	NA	No

LINC02577	0.57	0	<0.1	NA	0.636942675	NA	0	NA	No
LIMS1-AS1	0.12	0.02	<0.1	NA	0.910714286	NA	0	NA	No
MRPL45P2	0.49	0.16	<0.1	NA	0.77852349	NA	0	NA	No
LINC01128	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
FAM207BP	1.12	1.28	<0.1	NA	1.075471698	NA	0	NA	No
AC064807.1	0.35	13.36	<0.1	NA	10.63703704	NA	4.70395	NA	No
LAMA5-AS1	0.53	0.53	<0.1	NA	1	NA	0	NA	No
AL592494.1	0.3	0.55	<0.1	NA	1.192307692	NA	0.26694	NA	No
AL445189.2	4.08	3.15	<0.1	NA	0.816929134	NA	0	NA	No
PIK3IP1-DT	1.81	3	5.95	6.29	1.423487544	1.049115251	0.254614	0	No
ATP5MC2P4	30.93	33.33	<0.1	NA	1.075164422	NA	0	NA	No
AC104653.1	15.83	8.37	<0.1	NA	0.55674391	NA	-0.692301	NA	No
COX4I1P2	0.66	0.27	<0.1	NA	0.765060241	NA	0	NA	No
AC012307.1	0.24	0.2	<0.1	NA	0.967741935	NA	0	NA	No
SEPTIN7-DT	0.75	1.5	<0.1	NA	1.428571429	NA	0	NA	No
EEF1DP1	0.25	0.12	<0.1	NA	0.896	NA	0	NA	No
UBAC2-AS1	3.97	5.5	0.15	0.32	1.307847082	1.14985293	0.15584	0.0670636	No
AL353804.1	0.23	0.17	<0.1	NA	0.951219512	NA	0	NA	No
VECTIN4-AS	0.19	0.49	<0.1	NA	1.25210084	NA	0.541008	NA	No
RPS13P2	0.18	0.12	<0.1	NA	0.949152542	NA	0	NA	No
UGT1A12P	0.54	0.43	<0.1	NA	0.928571429	NA	0	NA	No
LINC02041	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
AL512590.1	0.95	4.66	18.09	15.14	2.902564103	0.845242364	1.89104	-0.326577	No
OR2A9P	0.43	0.11	<0.1	NA	0.776223776	NA	0	NA	No
AL136452.1	0.27	0.37	0.29	0.22	1.078740157	0.94281123	0	0	No
AC091167.1	1.44	0.74	1.38	1.08	0.713114754	0.874425392	-0.0786631	0	No
PMS2P7	3.38	5.12	33.24	34.08	1.397260274	1.024389416	0.34043	0	No
AKR7A2P1	0.75	0.47	6.76	8.08	0.84	1.170290603	0	0	No
VDAC1P8	0.17	0.6	<0.1	NA	1.367521368	NA	0	NA	No
AC091729.3	2.12	2.83	<0.1	NA	1.227564103	NA	0.0843724	NA	No
DUTP1	0.34	0	<0.1	NA	0.746268657	NA	0	NA	No
AC104073.1	1.27	0.89	1.03	1.46	0.832599119	1.210852964	0	0	No
AL354893.2	0.46	0.84	0.48	0.66	1.260273973	1.122194629	0.515924	0.173057	No
TMPOP1	1.8	2.64	<0.1	NA	1.3	NA	0	NA	No
CALM2P2	1.34	1.11	<0.1	NA	0.901709402	NA	0	NA	No
MED4-AS1	0.19	3.61	0.12	0.25	3.87394958	1.11287314	2.2448	0	No
RPL41	0.59	0	<0.1	NA	0.628930818	NA	0	NA	No
AC026403.1	0.62	0.41	<0.1	NA	0.87037037	NA	0	NA	No

AGBL5-IT1	0.52	0.17	<0.1	NA	0.769736842	NA	0	NA	No
VIM-AS1	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
EIF4A1P10	0.24	0.16	<0.1	NA	0.935483871	NA	0	NA	No
ANKRD10-IT	0.2	0.2	<0.1	NA	1	NA	0	NA	No
LINC02038	0.27	0	<0.1	NA	0.787401575	NA	0	NA	No
RUNX3-AS1	0.21	0.16	<0.1	NA	0.958677686	NA	0	NA	No
AC114488.1	0.12	1.13	<0.1	NA	1.901785714	NA	0.872965	NA	No
AC233280.1	1.46	4.77	0.48	0.34	2.345528455	0.902245424	1.25697	0	No
AC006001.3	0.36	0.12	<0.1	NA	0.823529412	NA	0	NA	No
PTGES3P3	0.19	0.39	<0.1	NA	1.168067227	NA	0	NA	No
SERPINH1P1	11.63	6.1	<0.1	NA	0.562153603	NA	-0.360207	NA	No
AC044860.1	0.19	0.38	<0.1	NA	1.159663866	NA	0	NA	No
KRT18P4	0.22	2.17	<0.1	NA	2.598360656	NA	0.34893	NA	No
HMGNI1P37	0.26	0.13	<0.1	NA	0.896825397	NA	0	NA	No
AL596223.1	0.26	0.86	<0.1	NA	1.476190476	NA	0.81238	NA	No
KRT8P12	0.37	1.46	<0.1	NA	1.795620438	NA	0	NA	No
AC046143.1	0.55	0.45	<0.1	NA	0.935483871	NA	0	NA	No
DPY19L1P1	0.24	0.28	0.46	0.38	1.032258065	0.945806845	0	-0.0779854	No
SZT2-AS1	0.41	1.52	0.23	0.81	1.787234043	1.469181402	0.197449	0.154539	No
LINC01715	0.22	0.18	<0.1	NA	0.967213115	NA	0	NA	No
MIR5689HG	3.81	3.17	<0.1	NA	0.866943867	NA	0	NA	No
AC018638.1	0.45	0.57	<0.1	NA	1.082758621	NA	0	NA	No
RALGAPA1P1	2.83	0	<0.1	NA	0.261096606	NA	-0.0100004	NA	No
AL512625.2	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
MED8-AS1	0.25	0.3	<0.1	NA	1.04	NA	0	NA	No
AC114495.2	0.36	0	<0.1	NA	0.735294118	NA	0	NA	No
AC068580.1	0.2	0	0.85	1.50	0.833333333	1.349527821	0	0	No
LINC01523	188.36	131.71	380.80	397.50	0.70083439	1.043734519	-0.432452	0.03746	No
AC119677.1	10.33	11.04	<0.1	NA	1.06266549	NA	0	NA	No
PANK2-AS1	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
NKX1-2	0.21	0.48	2.03	2.23	1.223140496	1.064483096	0	-0.208037	No
AL158825.2	3.47	2.99	<0.1	NA	0.89261745	NA	0	NA	No
ACVR2B-AS1	1.6	1.4	<0.1	NA	0.923076923	NA	0	NA	No
PRDX3P1	0.33	0.27	<0.1	NA	0.954887218	NA	0	NA	No
MBNL1-AS1	0.2	0.07	<0.1	NA	0.891666667	NA	0	NA	No
AC073115.1	6.12	18.65	<0.1	NA	2.759831461	NA	1.21099	NA	No
RPL4P4	1.65	0.95	<0.1	NA	0.735849057	NA	-0.0335626	NA	No
AC087857.1	2.13	2.08	<0.1	NA	0.984025559	NA	0	NA	No

NAMPTP1	0.22	0.22	<0.1	NA	1	NA	0	NA	No
MYOSLID	0.51	0.38	<0.1	NA	0.913907285	NA	0	NA	No
ITGB1-DT	0.38	0.11	<0.1	NA	0.804347826	NA	-0.0010408	NA	No
RPL26P6	0.17	0.04	<0.1	NA	0.888888889	NA	0	NA	No
AC004975.2	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
MAST4-AS1	0.11	0.55	<0.1	NA	1.396396396	NA	0.326271	NA	No
AL450322.2	7.26	8.76	<0.1	NA	1.181598063	NA	0	NA	No
AC009237.3	0.99	3.35	<0.1	NA	2.185929648	NA	0.876551	NA	No
SOS1-IT1	0.93	0.6	2.16	1.61	0.829015544	0.824702188	0	0	No
AL136531.1	0.61	0.84	<0.1	NA	1.142857143	NA	0	NA	No
MRPS18AP1	0.22	0.33	<0.1	NA	1.090163934	NA	0	NA	No
UBE2Q1-AS1	0.87	1.3	<0.1	NA	1.229946524	NA	0	NA	No
AL391825.1	0.97	1.13	<0.1	NA	1.081218274	NA	0	NA	No
ZNF688	0.34	0.35	<0.1	NA	1.007462687	NA	0	NA	No
RPL35AP21	0.83	0.5	<0.1	NA	0.819672131	NA	0	NA	No
PET100	2.27	1.17	<0.1	NA	0.663608563	NA	0	NA	No
AC139149.1	0.49	0.24	<0.1	NA	0.832214765	NA	0	NA	No
AC019205.1	7.64	5.09	<0.1	NA	0.704861111	NA	0	NA	No
AL359878.2	0.48	0	<0.1	NA	0.675675676	NA	0	NA	No
OGFR-AS1	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
AL450469.1	1.21	1.82	<0.1	NA	1.2760181	NA	0	NA	No
AC068533.2	2.1	6.54	<0.1	NA	2.432258065	NA	1.29806	NA	No
LINC01315	0.24	0.08	<0.1	NA	0.870967742	NA	0	NA	No
AL157373.2	0.15	0.3	0.12	0.04	1.130434783	0.928958298	0	0	No
FOXO6-AS1	0.77	0.35	<0.1	NA	0.762711864	NA	0	NA	No
AC128709.1	0.34	0.29	1.86	2.13	0.962686567	1.092768362	0	-0.0883792	No
RHEBP1	0.2	2.11	<0.1	NA	2.591666667	NA	1.03363	NA	No
ATXN1-AS1	6.33	3.95	<0.1	NA	0.675306958	NA	-0.242691	NA	No
YWHAZP3	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
AL589880.1	2.85	2.89	<0.1	NA	1.01038961	NA	0	NA	No
EIF4EP2	0.42	1.34	<0.1	NA	1.647887324	NA	0.920516	NA	No
TFAP2A-AS1	1.35	2.11	<0.1	NA	1.323404255	NA	0.198709	NA	No
FLJ31356	0.24	0.37	<0.1	NA	1.10483871	NA	0	NA	No
AL590666.2	0.47	2.17	<0.1	NA	2.156462585	NA	0.338692	NA	No
Z98749.1	0.96	3.02	<0.1	NA	2.051020408	NA	0.613847	NA	No
AC080129.1	0.13	0.66	<0.1	NA	1.469026549	NA	0.647744	NA	No
TOB1-AS1	0.49	0.5	<0.1	NA	1.006711409	NA	0	NA	No
AL606468.1	0.21	0.09	<0.1	NA	0.900826446	NA	0	NA	No

<i>RPL5P4</i>	0.22	0.22	<0.1	NA	1	NA	0	NA	No
<i>ALMS1-IT1</i>	0.45	1	<0.1	NA	1.379310345	NA	0	NA	No
<i>LRRC37A15P</i>	0.49	0.37	0.46	1.03	0.919463087	1.393004884	0	0	No
<i>RPL4P6</i>	0.31	0.59	<0.1	NA	1.213740458	NA	0	NA	No
<i>AL162231.2</i>	3.61	4.01	5.27	4.63	1.086767896	0.898087504	0	-0.11293	No
<i>PRRT3-AS1</i>	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
<i>TCERG1L-AS</i>	0.64	1.11	12.22	11.51	1.286585366	0.945955674	0	-0.0840124	No
<i>AL022316.1</i>	0.45	0.22	<0.1	NA	0.84137931	NA	0	NA	No
<i>LINC02643</i>	0.19	0.41	<0.1	NA	1.18487395	NA	0.450657	NA	No
<i>ACBD6</i>	0.13	0.52	<0.1	NA	1.345132743	NA	0	NA	No
<i>FGF12-AS2</i>	1.28	0.88	5.85	7.24	0.824561404	1.20243531	0	0	No
<i>AIDAP1</i>	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
<i>LINC01433</i>	0.52	4.36	<0.1	NA	3.526315789	NA	0.961509	NA	No
<i>C9orf147</i>	4.56	4.15	0.25	0.08	0.926258993	0.865711445	0	0	No
<i>AL450405.1</i>	0.75	4.75	<0.1	NA	3.285714286	NA	1.57625	NA	No
<i>RPL4P5</i>	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
<i>AP000688.1</i>	0.18	1.6	<0.1	NA	2.203389831	NA	0.785536	NA	No
<i>PHBP9</i>	4.23	4.03	<0.1	NA	0.961759082	NA	0	NA	No
<i>NFE4</i>	2.45	1.99	<0.1	NA	0.866666667	NA	0	NA	No
<i>AC092807.2</i>	0.72	0.8	<0.1	NA	1.046511628	NA	0	NA	No
<i>AL358781.2</i>	2.05	2.79	<0.1	NA	1.242622951	NA	0	NA	No
<i>AC078817.1</i>	19.95	22.94	<0.1	NA	1.142720764	NA	0	NA	No
<i>GTF2IP23</i>	1.11	1.17	1.02	1.25	1.028436019	1.113227236	0	0	No
<i>STARD13-IT1</i>	0.12	0.32	<0.1	NA	1.178571429	NA	0	NA	No
<i>TOMM20P4</i>	14.18	21.2	<0.1	NA	1.462450593	NA	0.275959	NA	No
<i>AL359921.1</i>	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
<i>HMGN2P3</i>	25.02	27.23	<0.1	NA	1.084934666	NA	0	NA	No
<i>XOSC10-AS</i>	0.5	1.16	1.13	1.04	1.44	0.959098093	0.530849	0	No
<i>TPI1P2</i>	0.21	0.73	<0.1	NA	1.429752066	NA	0	NA	No
<i>AC009245.1</i>	0.12	0.12	<0.1	NA	1	NA	0	NA	No
<i>SPTLC1P1</i>	0.61	1.19	<0.1	NA	1.360248447	NA	0.136907	NA	No
<i>TCEA1P2</i>	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
<i>LINC01786</i>	0.53	1.15	<0.1	NA	1.405228758	NA	0	NA	No
<i>EMC1-AS1</i>	3	3.33	<0.1	NA	1.0825	NA	0	NA	No
<i>AL031770.1</i>	1.92	3.83	0.25	0.33	1.654109589	1.06520026	0.134108	0	No
<i>SERPINB9P1</i>	0.11	0.11	<0.1	NA	1	NA	0	NA	No
<i>ANKRD18B</i>	0.75	1.31	<0.1	NA	1.32	NA	0	NA	No
<i>U73166.1</i>	0.85	2.8	<0.1	NA	2.054054054	NA	0	NA	No

PA2G4P4	8.06	6.22	21.66	24.28	0.796909492	1.115515362	-0.223506	0	No
AP000695.1	0.37	0.64	<0.1	NA	1.197080292	NA	0	NA	No
PSMG3-AS1	0.17	0.76	<0.1	NA	1.504273504	NA	0	NA	No
AL139383.1	0.11	0.06	<0.1	NA	0.954954955	NA	0	NA	No
AC108463.2	0.2	0.78	<0.1	NA	1.483333333	NA	0.424857	NA	No
THAP7-AS1	614.56	396.1	<0.1	NA	0.645103645	NA	-0.56114	NA	No
LIMD1-AS1	0.5	0.38	<0.1	NA	0.92	NA	0	NA	No
AC021078.1	0.37	0.41	<0.1	NA	1.02919708	NA	0	NA	No
AL450326.1	0.32	0.78	<0.1	NA	1.348484848	NA	0	NA	No
FAM133DP	11.32	14.45	<0.1	NA	1.254058442	NA	0.0547827	NA	No
ZNF32-AS2	0.42	1.88	<0.1	NA	2.028169014	NA	0	NA	No
AL139095.3	0.23	0.23	<0.1	NA	1	NA	0	NA	No
RPL19P5	18.31	14.61	<0.1	NA	0.808389436	NA	0	NA	No
LINC02580	0.61	1.22	<0.1	NA	1.378881988	NA	0	NA	No
RPSAP8	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
HM13-AS1	18.31	12.03	<0.1	NA	0.674779907	NA	-0.171349	NA	No
AL139220.2	1.19	0.86	<0.1	NA	0.849315068	NA	0	NA	No
AC011005.1	30.16	30.9	<0.1	NA	1.023748395	NA	0	NA	No
RPS23P8	1.9	6.08	<0.1	NA	2.44137931	NA	0.816422	NA	No
AL445933.1	0.11	0.16	0.51	0.98	1.045045045	1.313841189	0	0.108033	No
KLHL7-DT	21.27	21.19	<0.1	NA	0.996407723	NA	0	NA	No
CEACAM22P	0.2	1.23	<0.1	NA	1.858333333	NA	0	NA	No
SETSIP	25.9	31.06	<0.1	NA	1.191821561	NA	0.0452596	NA	No
ENO1-AS1	1.56	2.6	<0.1	NA	1.40625	NA	0	NA	No
AC012462.3	1.79	4.11	<0.1	NA	1.831541219	NA	0.232988	NA	No
AL645608.2	0.13	0.06	<0.1	NA	0.938053097	NA	0	NA	No
FBXW4P1	0.15	0.21	<0.1	NA	1.052173913	NA	0	NA	No
AC018638.2	0.22	0.31	3.51	4.09	1.073770492	1.129642366	0	0	No
ZNF341-AS1	0.29	0.22	<0.1	NA	0.945736434	NA	0	NA	No
ANKRD63	0.5	0.72	2.69	3.29	1.146666667	1.163270846	0	0	No
SMARCE1P5	0.12	0.3	<0.1	NA	1.160714286	NA	0	NA	No
YY2	0.36	0.34	2.79	3.05	0.985294118	1.06831467	0	0	No
FOXD3-AS1	0.52	0.41	<0.1	NA	0.927631579	NA	0	NA	No
AC099535.1	0.65	0.65	<0.1	NA	1	NA	0	NA	No
AC068580.2	0.4	0.68	1.97	1.65	1.2	0.893395022	0	0	No
LINC01293	0.11	0.13	7.60	8.34	1.018018018	1.086135392	0	0	No
ZNF674-AS1	1.54	0.92	<0.1	NA	0.755905512	NA	-0.399004	NA	No
AC005077.4	2.18	2.11	<0.1	NA	0.977987421	NA	0	NA	No

AL604028.1	1.01	1.08	3.11	3.48	1.034825871	1.089548485	0	0	No
RPS18P12	0.41	0.53	1.14	1.57	1.085106383	1.20296814	0	0	No
PPIHP1	1.16	1.07	<0.1	NA	0.958333333	NA	0	NA	No
AC099513.1	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
MIR205HG	0.4	0.71	<0.1	NA	1.221428571	NA	0	NA	No
LINC02541	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AC099677.1	0.22	1.64	2.73	1.25	2.163934426	0.602873731	0.487244	0	No
AC079250.1	0.22	0.09	<0.1	NA	0.893442623	NA	-0.392442	NA	No
DSTNP1	0.17	0.04	<0.1	NA	0.888888889	NA	0	NA	No
HSBP1	1.13	0.49	<0.1	NA	0.699530516	NA	0	NA	No
FAM201B	0.19	0.14	<0.1	NA	0.957983193	NA	0	NA	No
RPL12P15	0.33	1.16	<0.1	NA	1.62406015	NA	1.02968	NA	No
AL121672.1	0.46	3.15	<0.1	NA	2.842465753	NA	2.11384	NA	No
AC007238.1	0.35	1.47	0.50	0.74	1.82962963	1.157363869	0.29246	0	No
AL109917.1	0.47	0.59	2.31	1.48	1.081632653	0.750212631	0	0	No
LINC02522	0.41	0	<0.1	NA	0.709219858	NA	0	NA	No
AC234582.1	0.14	0.18	<0.1	NA	1.035087719	NA	0	NA	No
NPM1P9	0.38	1.22	0.25	0.50	1.608695652	1.201066403	0.7227	0	No
HCG18	8.76	9.01	<0.1	NA	1.025614754	NA	0	NA	No
LINC01508	0.15	0.37	0.24	0.71	1.191304348	1.378168006	0	0	No
AL035587.1	0.14	0.7	8.19	10.28	1.49122807	1.22784611	0.119062	0	No
LNCAROD	0.26	0.26	<0.1	NA	1	NA	0	NA	No
10RF4L2-AS	0.29	2.15	0.64	0.80	2.441860465	1.096508284	1.98114	0	No
KLF3-AS1	2.52	1.86	2.99	3.49	0.8125	1.124678205	0	0	No
LINC00852	0.14	0.14	<0.1	NA	1	NA	0	NA	No
SPRY4-AS1	6.8	2.69	<0.1	NA	0.473076923	NA	-0.392442	NA	No
AL356056.2	0.3	0.72	<0.1	NA	1.323076923	NA	0	NA	No
KRT8P10	1	1.12	1.22	1.21	1.06	0.994671409	0	0	No
ZNF826P	0.47	0.92	<0.1	NA	1.306122449	NA	0.216814	NA	No
COMETT	0.45	0.09	<0.1	NA	0.751724138	NA	0	NA	No
TRIM31-AS1	0.82	0	<0.1	NA	0.549450549	NA	0	NA	No
C1DP1	0.31	0.31	<0.1	NA	1	NA	0	NA	No
ITPR1-DT	0.53	0.53	<0.1	NA	1	NA	0	NA	No
SBK3	14.04	4.91	<0.1	NA	0.392952128	NA	-1.29922	NA	No
4PCDD1L-Di	0.27	0.47	<0.1	NA	1.157480315	NA	0	NA	No
MANCR	1.22	1.53	<0.1	NA	1.13963964	NA	0	NA	No
EZH2P1	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
AC112484.1	0.57	0.46	<0.1	NA	0.929936306	NA	0	NA	No

MAP4K3-DT	19.23	17.08	45.26	50.32	0.893722195	1.109435063	-0.0872532	0	No
AP000696.1	0.54	0	<0.1	NA	0.649350649	NA	0	NA	No
LINC01816	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
ACTG1P10	0.14	0.05	<0.1	NA	0.921052632	NA	0	NA	No
AL020997.1	0.18	0.12	<0.1	NA	0.949152542	NA	0	NA	No
LINC01160	0.41	1.47	<0.1	NA	1.75177305	NA	0.13137	NA	No
WBP1P1	0.63	17.52	<0.1	NA	11.36196319	NA	2.82873	NA	No
WARS2-AS1	0.54	0.69	<0.1	NA	1.097402597	NA	0	NA	No
RNF2P1	0.25	0.63	<0.1	NA	1.304	NA	0	NA	No
AC005392.2	1.13	2.31	1.02	1.24	1.55399061	1.110182654	0.823041	0	No
AC011840.1	0.43	0.53	<0.1	NA	1.06993007	NA	0	NA	No
WASIR2	1.18	1.25	<0.1	NA	1.032110092	NA	0	NA	No
LINC01305	0.23	2.16	<0.1	NA	2.569105691	NA	2.31606	NA	No
AL022324.2	0.49	0.46	0.21	0.32	0.979865772	1.090199383	0	0	No
AC074389.2	0.83	0.34	0.43	0.32	0.732240437	0.924706901	-0.672292	0	No
RPS18	0.4	0.44	0.50	0.84	1.028571429	1.228652911	0	0	No
PTMAP4	0.43	0.52	<0.1	NA	1.062937063	NA	0	NA	No
FAM27C	2.23	3.01	<0.1	NA	1.241486068	NA	0.0427736	NA	No
AL157932.1	0.15	0.15	<0.1	NA	1	NA	0	NA	No
HINT1P1	0.14	0.98	<0.1	NA	1.736842105	NA	1.90303	NA	No
AL139288.1	0.47	0.54	<0.1	NA	1.047619048	NA	0	NA	No
LINC02595	2.34	1.56	<0.1	NA	0.766467066	NA	0	NA	No
LINC02015	1.6	2.26	<0.1	NA	1.253846154	NA	0	NA	No
RPL7P21	0.19	0.12	<0.1	NA	0.941176471	NA	0	NA	No
FAHD2CP	1.06	6.25	<0.1	NA	3.519417476	NA	1.91734	NA	No
SNORD62B	0.33	0.38	<0.1	NA	1.037593985	NA	0	NA	No
AL133232.1	0.15	0.36	<0.1	NA	1.182608696	NA	0	NA	No
LINC01363	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
DLEU2	0.42	0.32	<0.1	NA	0.929577465	NA	0	NA	No
AC007098.1	0.38	0.59	<0.1	NA	1.152173913	NA	0.184316	NA	No
AGBL5-AS1	0.42	0	<0.1	NA	0.704225352	NA	0	NA	No
DLG3-AS1	0.24	0.81	<0.1	NA	1.459677419	NA	0	NA	No
AL590428.1	0.25	0	<0.1	NA	0.8	NA	0	NA	No
COA6-AS1	0.31	0.77	<0.1	NA	1.351145038	NA	0	NA	No
LINC02723	0.16	7.48	0.50	1.15	7.310344828	1.436656073	3.81572	0.352422	No
ANKRD11P2	5.4	2.01	<0.1	NA	0.4703125	NA	-0.539749	NA	No
AC004895.1	0.85	3.58	<0.1	NA	2.475675676	NA	1.79317	NA	No
AL451069.2	0.74	0.16	<0.1	NA	0.666666667	NA	-0.0046639	NA	No

LINC00899	5.86	2.13	<0.1	NA	0.456268222	NA	-0.252093	NA	No
LINC-PINT	3.59	4.03	<0.1	NA	1.095860566	NA	0	NA	No
LINC01273	1.07	2.03	0.15	0.39	1.463768116	1.210919793	0.0357387	0	No
EMBP1	0.54	1.04	14.97	20.65	1.324675325	1.35571451	0.242205	0.235464	No
RPS27AP5	0.14	0.14	<0.1	NA	1	NA	0	NA	No
AL035701.1	26.79	19.06	<0.1	NA	0.721842389	NA	-0.140326	NA	No
TMEM44-AS	1114.81	721.61	2350.15	2423.15	0.647610256	1.031050433	-0.600147	0	No
DBIL5P	1.08	0.46	<0.1	NA	0.701923077	NA	0	NA	No
PIK3CD-AS2	0.28	0.07	1.83	0.72	0.8359375	0.609127464	-1.08618	0	No
DOC2GP	0.44	0.15	<0.1	NA	0.798611111	NA	0	NA	No
PCAT7	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
LINC01388	1.32	3.19	<0.1	NA	1.806034483	NA	0.033366	NA	No
SMC3P1	0.14	0.14	<0.1	NA	1	NA	0	NA	No
LINC01819	0.56	1.07	<0.1	NA	1.326923077	NA	0.230157	NA	No
FAM192BP	0.34	0.42	<0.1	NA	1.059701493	NA	0	NA	No
MRPS9-AS1	2.37	2.69	5.19	4.72	1.09495549	0.923786414	0	-0.0933385	No
AL162377.1	5.59	6.21	<0.1	NA	1.094081942	NA	0	NA	No
AL031848.1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
IPO9-AS1	0.17	0.22	<0.1	NA	1.042735043	NA	0	NA	No
SNRPF1	0.23	0.33	4.88	6.51	1.081300813	1.276824801	0	0	No
PRH1	0.11	0.06	<0.1	NA	0.954954955	NA	0	NA	No
RAF3IP2-AS	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
IDH1-AS1	0.22	0.11	<0.1	NA	0.909836066	NA	0	NA	No
TAPBP	0.41	1.19	<0.1	NA	1.553191489	NA	0.552672	NA	No
RPS7P3	2.79	1.21	<0.1	NA	0.583113456	NA	-0.0477367	NA	No
HS1BP3-IT1	0.11	0.43	<0.1	NA	1.288288288	NA	0	NA	No
AC004837.3	3.46	1.51	<0.1	NA	0.562780269	NA	-0.443858	NA	No
AL731567.1	0.18	0.22	<0.1	NA	1.033898305	NA	0	NA	No
LINC02818	2.52	2.52	<0.1	NA	1	NA	0	NA	No
AC112907.2	2.74	4.06	7.89	8.19	1.352941176	1.033284147	0.292241	0	No
PPP1R2B	0.66	0.35	0.39	0.34	0.813253012	0.966700742	-0.368892	0	No
ANXA2P2	3.5	2.73	<0.1	NA	0.828888889	NA	0	NA	No
EP300-AS1	1.27	1.34	1.96	2.09	1.030837004	1.044817386	0	0	No
CAP1P2	0.82	0.61	<0.1	NA	0.884615385	NA	0	NA	No
FAAHP1	0.14	0.11	<0.1	NA	0.973684211	NA	0	NA	No
LSM12P1	6.07	5.89	5.27	4.61	0.974540311	0.895220537	0	0	No
AL133230.1	0.18	0.46	0.24	0.30	1.237288136	1.052342951	0	0.0008647	No
SLC4A1APP1	0.74	0.4	0.16	0.16	0.804597701	0.999438395	0	0	No

LINC01063	0.24	0.9	0.12	1.17	1.532258065	1.939707454	0.90873	0	No
TMEM253	0.6	2.65	<0.1	NA	2.28125	NA	1.69639	NA	No
DCST1-AS1	0.77	0.64	<0.1	NA	0.926553672	NA	0	NA	No
AC012313.1	0.36	0.58	<0.1	NA	1.161764706	NA	0	NA	No
RFX3-AS1	1.14	6.66	<0.1	NA	3.579439252	NA	2.16097	NA	No
AL353751.1	5.47	7.36	<0.1	NA	1.292117465	NA	0	NA	No
TMA7	1.73	4.54	<0.1	NA	2.029304029	NA	0.762299	NA	No
MCTS1	0.17	0.69	<0.1	NA	1.444444444	NA	0.4024	NA	No
ST13P4	0.61	0	<0.1	NA	0.621118012	NA	0	NA	No
FTH1P7	0.42	0.34	0.61	0.30	0.943661972	0.80880077	0	0	No
Z99943.1	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
CHORDC1P1	0.2	0.1	0.74	0.39	0.916666667	0.798903297	0	0	No
ASCL5	0.27	0.6	0.83	1.07	1.25984252	1.131604336	0.356728	0	No
AL158166.2	3.35	2.04	2.30	1.97	0.698850575	0.899722705	0	0	No
BTF3L4P1	0.28	0.09	<0.1	NA	0.8515625	NA	0	NA	No
DFFBP1	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
LINC02518	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
MXRA7P1	0.58	0.35	<0.1	NA	0.85443038	NA	0	NA	No
AC093627.1	0.15	1.21	<0.1	NA	1.92173913	NA	0.00670363	NA	No
AL683842.1	2.59	1.94	<0.1	NA	0.818941504	NA	0	NA	No
SEMA3B-AS1	0.24	0.17	<0.1	NA	0.943548387	NA	0	NA	No
PPIAP35	88.1	71.67	40.81	50.30	0.815600449	1.227042425	-0.175721	0.0729011	No
AC015712.1	0.47	3.39	1.05	0.70	2.986394558	0.830302956	0.935124	0	No
SMIM26	0.15	0.23	<0.1	NA	1.069565217	NA	0	NA	No
AL583856.1	0.11	0.91	0.28	0.68	1.720720721	1.314652044	1.3129	0	No
LINC00112	34.37	20.16	<0.1	NA	0.598247102	NA	-0.486477	NA	No
ELN-AS1	0.21	0.08	<0.1	NA	0.892561983	NA	0	NA	No
AJM1	0.98	0.44	<0.1	NA	0.727272727	NA	0	NA	No
MHENCR	1.54	0.77	0.45	0.30	0.696850394	0.894879209	0	0	No
EMSLR	0.45	0.3	0.17	0.17	0.896551724	0.997203179	0	0	No
AL133517.1	3.58	4.55	<0.1	NA	1.211790393	NA	0	NA	No
AL355994.2	5.57	7.55	<0.1	NA	1.301369863	NA	0.204397	NA	No
EEF1B2P3	0.21	0.38	0.70	0.87	1.140495868	1.101055905	0	0	No
TGFB2-AS1	2.52	3.21	<0.1	NA	1.196022727	NA	0	NA	No
RPL37A-DT	52.85	37.46	412.04	422.47	0.714206128	1.025249087	-0.341491	-0.0435838	No
AL592437.2	3.17	2.42	2.92	3.09	0.820143885	1.042629428	-0.19188	0	No
SAPCD2P3	1.32	1.27	16.08	17.29	0.978448276	1.070890642	0	0	No
AL391058.1	4.36	3.68	<0.1	NA	0.873134328	NA	0	NA	No

LIF-AS1	1.19	1.64	<0.1	NA	1.205479452	NA	0	NA	No
KMT5AP2	0.22	0.05	<0.1	NA	0.860655738	NA	0	NA	No
AC093673.1	0.32	0.63	0.36	0.61	1.234848485	1.183228096	0	0	No
SRD5A1P1	0.43	1	<0.1	NA	1.398601399	NA	0	NA	No
RPL3P4	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
KANTR	0.16	0.16	<0.1	NA	1	NA	0	NA	No
TONSL-AS1	0.22	1.8	<0.1	NA	2.295081967	NA	0.961509	NA	No
AL683813.2	5.65	10.66	<0.1	NA	1.753383459	NA	0.355296	NA	No
PRPS1P2	1.46	0.73	<0.1	NA	0.703252033	NA	0	NA	No
AL354892.2	0.51	0.2	<0.1	NA	0.794701987	NA	0	NA	No
AC107214.1	0.95	2.69	1.06	0.90	1.892307692	0.923926867	0	0	No
IDI2-AS1	0.22	0.43	<0.1	NA	1.172131148	NA	0	NA	No
ZNF687-AS1	7.12	4.33	<0.1	NA	0.656403941	NA	-0.329676	NA	No
LINC00665	18.84	15.85	<0.1	NA	0.849294355	NA	0	NA	No
RPS12P3	1.12	1.12	<0.1	NA	1	NA	0	NA	No
LINC01022	0.2	5.17	<0.1	NA	5.141666667	NA	3.22102	NA	No
YWHAEP1	0.3	0.6	<0.1	NA	1.230769231	NA	0	NA	No
ILCO4A1-AS	5.33	3.76	<0.1	NA	0.751974724	NA	-0.252645	NA	No
AL137186.2	12.15	9	<0.1	NA	0.760456274	NA	-0.0524265	NA	No
TNF	0.19	0.67	<0.1	NA	1.403361345	NA	0.886916	NA	No
AL360270.1	0.36	2.21	<0.1	NA	2.360294118	NA	0.828724	NA	No
COL4A2-AS1	0.46	0.61	<0.1	NA	1.102739726	NA	0	NA	No
DUX4L50	21.29	17.8	<0.1	NA	0.843427546	NA	0	NA	No
PET117	0.29	1.15	<0.1	NA	1.666666667	NA	0	NA	No
PTGES2-AS1	0.17	0.6	<0.1	NA	1.367521368	NA	0	NA	No
LYRM9	0.24	0.39	<0.1	NA	1.120967742	NA	0	NA	No
SMG7-AS1	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
SEC1P	1.04	1.35	<0.1	NA	1.151960784	NA	0	NA	No
AC080129.2	0.2	0.93	<0.1	NA	1.608333333	NA	0.00136709	NA	No
PHKA1P1	1.28	1.73	<0.1	NA	1.197368421	NA	0	NA	No
RPS11P5	16	18.71	<0.1	NA	1.159411765	NA	0	NA	No
CYCSP10	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
LINC01166	149.13	110.96	<0.1	NA	0.74575368	NA	-0.277085	NA	No
AC000078.1	0.22	0.23	0.79	0.95	1.008196721	1.086616041	0	0	No
HCG25	1.37	2.5	6.23	5.79	1.476793249	0.938629085	0	-0.200992	No
SNHG15	0.14	0.28	<0.1	NA	1.122807018	NA	0	NA	No
CYP1B1-AS1	0.68	0.8	<0.1	NA	1.071428571	NA	0	NA	No
RGS5	0.8	0.66	<0.1	NA	0.922222222	NA	0	NA	No

MIR3936HG	0.73	1.08	<0.1	NA	1.202312139	NA	0	NA	No
FAM157B	0.45	0.29	0.67	0.70	0.889655172	1.01908156	0	0	No
TBC1D3P7	0.59	2.21	<0.1	NA	2.018867925	NA	0.640784	NA	No
SNHG7	0.44	2.09	<0.1	NA	2.145833333	NA	1.88644	NA	No
AL121832.1	0.4	0.27	<0.1	NA	0.907142857	NA	0	NA	No
AL732292.1	0.14	0.14	<0.1	NA	1	NA	0	NA	No
NPIPA9	0.35	0.14	0.23	0.33	0.844444444	1.085031116	0	0	No
PHGR1	1.43	1.15	2.28	2.50	0.884773663	1.068031082	0	0	No
RPL15P5	0.22	0.91	<0.1	NA	1.56557377	NA	1.14766	NA	No
AL513304.1	0.11	0.2	<0.1	NA	1.081081081	NA	0	NA	No
LINC00884	0.3	0	<0.1	NA	0.769230769	NA	0	NA	No
AL136307.1	1.64	0.97	<0.1	NA	0.746212121	NA	0	NA	No
LINC01271	7.38	6.45	1.69	2.59	0.88902148	1.335539642	0	0.0484625	No
LINC01399	2.27	0.86	<0.1	NA	0.568807339	NA	-0.721853	NA	No
AL353764.1	0.27	0.37	2.12	2.27	1.078740157	1.047332406	0	0	No
RPL23AP25	0.63	0.96	0.40	0.64	1.202453988	1.173432384	0	0	No
RAB6D	0.14	0.16	<0.1	NA	1.01754386	NA	0	NA	No
VN1R20P	0.87	0.5	<0.1	NA	0.802139037	NA	0	NA	No
CTAGE7P	2.84	1.63	<0.1	NA	0.684895833	NA	0	NA	No
AL512656.1	2.1	1.1	<0.1	NA	0.677419355	NA	0	NA	No
HMGA1P8	0.18	0.54	<0.1	NA	1.305084746	NA	0	NA	No
AC008105.1	0.29	0.39	<0.1	NA	1.07751938	NA	0	NA	No
AC093157.1	0.24	1.41	<0.1	NA	1.943548387	NA	0.425229	NA	No
RNF224	0.13	0.26	2.12	3.40	1.115044248	1.410898847	0	0	No
DHCR24-DT	7.13	9.83	27.91	25.98	1.332103321	0.933285589	0.271909	0	No
WBP1P2	0.23	0.15	<0.1	NA	0.93495935	NA	0	NA	No
AC133785.1	0.25	0.6	0.45	0.51	1.28	1.038283781	0.313136	0	No
AC016876.2	1.21	1.22	<0.1	NA	1.004524887	NA	0	NA	No
SSBP3P1	1.32	0.95	<0.1	NA	0.840517241	NA	0	NA	No
AC079807.1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
LINC00472	24.31	13.95	36.29	32.48	0.590675622	0.897773473	-0.683234	-0.211136	No
PHC2-AS1	0.33	0.74	<0.1	NA	1.308270677	NA	0	NA	No
AC002524.1	0.24	0	<0.1	NA	0.806451613	NA	0	NA	No
AC007743.1	1.27	1.53	<0.1	NA	1.114537445	NA	0	NA	No
AL355870.1	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
HMGB1P31	0.25	0.5	<0.1	NA	1.2	NA	0	NA	No
SNRPEP4	0.74	8.63	<0.1	NA	5.534482759	NA	1.81517	NA	No
AC009238.2	1.87	3.24	1.33	1.13	1.477351916	0.91536408	0.557821	0	No

GPX1	0.52	0.13	<0.1	NA	0.743421053	NA	0	NA	No
AL513533.1	0.64	1.31	0.41	0.57	1.408536585	1.110207249	0.245974	0	No
OSTN-AS1	0.13	0.4	<0.1	NA	1.238938053	NA	0	NA	No
MIPEPP3	0.34	0	<0.1	NA	0.746268657	NA	0	NA	No
PFN1P1	0.35	0.12	<0.1	NA	0.82962963	NA	0	NA	No
AL078581.2	0.14	0.18	<0.1	NA	1.035087719	NA	0	NA	No
UBE2FP3	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
PDXP-DT	0.24	0.26	0.11	0.20	1.016129032	1.07915072	0	0	No
AL121956.1	0.4	0	<0.1	NA	0.714285714	NA	0	NA	No
GTF2IP4	1.17	0.83	<0.1	NA	0.843317972	NA	0	NA	No
AL139002.1	0.42	0.68	<0.1	NA	1.183098592	NA	0	NA	No
AK4P3	0.57	0.6	<0.1	NA	1.01910828	NA	0	NA	No
NKAPP1	0.68	1.97	1.27	1.90	1.767857143	1.275738331	0.679921	0	No
LINC01719	0.14	0.28	<0.1	NA	1.122807018	NA	0	NA	No
AC008063.1	0.5	0.75	<0.1	NA	1.166666667	NA	0	NA	No
EIF3FP3	0.26	1.12	<0.1	NA	1.682539683	NA	1.2723	NA	No
HOTAIRM1	4.88	8.2	<0.1	NA	1.56462585	NA	0.372929	NA	No
AGGF1P2	0.47	0.09	<0.1	NA	0.741496599	NA	0	NA	No
CYP2AB1P	0.5	0.31	<0.1	NA	0.873333333	NA	0	NA	No
AL445524.1	0.71	0.79	<0.1	NA	1.046783626	NA	0	NA	No
T6GALNAC4I	0.11	0.76	<0.1	NA	1.585585586	NA	0	NA	No
EEF1A1P6	2.64	1.46	<0.1	NA	0.675824176	NA	0	NA	No
AC008105.2	0.26	0.07	<0.1	NA	0.849206349	NA	-0.0010408	NA	No
RPSAP69	0.47	2	<0.1	NA	2.040816327	NA	0.0517058	NA	No
TMEM238	0.38	0.38	<0.1	NA	1	NA	0	NA	No
ZNF529-AS1	48.48	47.66	<0.1	NA	0.983427648	NA	0	NA	No
DEFA10P	0.3	0	<0.1	NA	0.769230769	NA	0	NA	No
LINC00460	1443.63	1129.22	1144.48	935.25	0.782359497	0.817341712	-0.326043	-0.408463	No
AC011294.1	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AL158212.2	0.19	0.43	<0.1	NA	1.201680672	NA	0	NA	No
34GALT1-AS	1.99	2.16	1.04	0.91	1.056856187	0.936866914	0	0	No
LINC00513	9.61	9.72	<0.1	NA	1.010367578	NA	0	NA	No
KRT8P39	0.31	0.16	<0.1	NA	0.885496183	NA	0	NA	No
CYP51A1P2	0.51	0.92	<0.1	NA	1.271523179	NA	0	NA	No
AL138789.1	0.14	0.08	<0.1	NA	0.947368421	NA	0	NA	No
LINC02609	1.59	0.24	<0.1	NA	0.478764479	NA	-1.13034	NA	No
JTBP1	2.07	2.74	1.20	1.53	1.218241042	1.147927004	0.0254329	0	No
3CUN1D2-A	0.45	2.62	<0.1	NA	2.496551724	NA	1.22049	NA	No

LINC01137	0.48	1.44	<0.1	NA	1.648648649	NA	0	NA	No
CYP2T1P	0.28	0.31	0.21	0.42	1.0234375	1.173999726	0	0	No
AC108047.1	0.57	0.69	<0.1	NA	1.076433121	NA	0	NA	No
HNRNPA1P2	0.14	0.28	<0.1	NA	1.122807018	NA	0	NA	No
AC092835.1	14.32	6.98	<0.1	NA	0.520887728	NA	-0.694749	NA	No
RPS15P4	20.12	9.78	5.37	5.36	0.510416667	0.99866216	-0.794139	0	No
LINC01251	0.23	0.1	<0.1	NA	0.894308943	NA	0	NA	No
AC131011.1	0.18	2.25	<0.1	NA	2.754237288	NA	2.07721	NA	No
AC139887.1	1.26	1.55	<0.1	NA	1.128318584	NA	0	NA	No
AP000695.2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AL589843.2	10.78	4.86	<0.1	NA	0.497453311	NA	-0.790095	NA	No
H2BC15	0.55	1.62	<0.1	NA	1.690322581	NA	0.627927	NA	No
AL391839.2	0.22	0.22	<0.1	NA	1	NA	0	NA	No
LINC01949	40.61	37.49	5.98	7.23	0.925018025	1.178424803	0	0	No
EIF4HP1	1.27	1.69	3.14	2.99	1.185022026	0.963450862	0	0	No
AC005083.1	0.37	0	<0.1	NA	0.729927007	NA	0	NA	No
AC139769.1	0.62	1.91	<0.1	NA	1.796296296	NA	1.07638	NA	No
SELENOTP1	0.17	0.04	<0.1	NA	0.888888889	NA	0	NA	No
ERCC8-AS1	0.93	0.35	<0.1	NA	0.699481865	NA	0	NA	No
AC103563.7	0.21	0.74	14.27	9.28	1.438016529	0.672907346	0.846901	-0.0517237	No
ADH5P4	0.58	4.99	<0.1	NA	3.791139241	NA	2.41881	NA	No
LLPHP3	0.26	0.07	<0.1	NA	0.849206349	NA	0	NA	No
YEATS2-AS1	0.32	0.32	<0.1	NA	1	NA	0	NA	No
PAIP1P1	0.22	0.72	<0.1	NA	1.409836066	NA	0	NA	No
LINC01503	0.24	0.07	<0.1	NA	0.862903226	NA	-0.860434	NA	No
AC026202.2	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
RPL10P9	0.43	0.29	<0.1	NA	0.902097902	NA	0	NA	No
ZDHHC20P1	2.14	1.79	1.40	1.82	0.888535032	1.17441903	0	0	No
RPS28	0.32	1.02	<0.1	NA	1.53030303	NA	0.777428	NA	No
MT1XP1	0.82	0.31	<0.1	NA	0.71978022	NA	-0.201088	NA	No
CTC-338M12.	0.45	0.45	<0.1	NA	1	NA	0	NA	No
UQCRHL	0.26	0.35	<0.1	NA	1.071428571	NA	0	NA	No
UBE2SP1	17.34	14.45	<0.1	NA	0.842420938	NA	0	NA	No
GAPDHP22	1.54	9.67	<0.1	NA	4.200787402	NA	1.6927	NA	No
RPL5P34	0.24	0.16	<0.1	NA	0.935483871	NA	0	NA	No
AL157834.2	0.56	0.37	<0.1	NA	0.878205128	NA	0	NA	No
EIF2AK3-DT	0.59	0.63	<0.1	NA	1.025157233	NA	0	NA	No
TMEM97P1	0.43	0	<0.1	NA	0.699300699	NA	-0.652458	NA	No

<i>TXNP6</i>	0.36	1.63	<0.1	NA	1.933823529	NA	1.57216	NA	No
<i>AL591438.2</i>	0.42	0.14	<0.1	NA	0.802816901	NA	0	NA	No
<i>AC007969.1</i>	0.16	0.07	<0.1	NA	0.922413793	NA	0	NA	No
<i>AL390879.1</i>	5.91	5.83	<0.1	NA	0.988422576	NA	0	NA	No
<i>AC074117.1</i>	2.02	0.83	<0.1	NA	0.605960265	NA	-0.20032	NA	No
<i>TPRG1-AS1</i>	1.6	2.67	<0.1	NA	1.411538462	NA	0.309369	NA	No
<i>AL049552.1</i>	2.31	1.21	<0.1	NA	0.667673716	NA	0	NA	No
<i>RPS15AP11</i>	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No
<i>AC099066.3</i>	0.11	2.12	<0.1	NA	2.810810811	NA	1.38358	NA	No
<i>RPL13AP6</i>	0.29	0.19	<0.1	NA	0.92248062	NA	0	NA	No
<i>TRIM26</i>	0.69	0.41	<0.1	NA	0.834319527	NA	0	NA	No
<i>AC073529.1</i>	0.13	0.31	<0.1	NA	1.159292035	NA	0	NA	No
<i>AL158835.2</i>	0.22	0.09	<0.1	NA	0.893442623	NA	0	NA	No
<i>AL035446.1</i>	3.19	8.01	1.03	2.64	2.150357995	1.792609983	1.09354	0.221717	No
<i>LINC02535</i>	1.91	2.38	<0.1	NA	1.161512027	NA	0	NA	No
<i>AL513165.1</i>	52.55	28.56	<0.1	NA	0.55200747	NA	-0.655532	NA	No
<i>’NASEH1-AS</i>	0.38	0	<0.1	NA	0.724637681	NA	0	NA	No
<i>LINC01952</i>	125.36	80.87	105.51	116.96	0.647910731	1.107466578	-0.556514	0	No
<i>CDCA4P4</i>	0.29	0	<0.1	NA	0.775193798	NA	0	NA	No
<i>ZFX-AS1</i>	7.02	4.64	10.20	11.25	0.703241895	1.09393132	-0.344259	0	No
<i>AL138720.1</i>	16.36	13.59	326.98	318.08	0.840437788	0.972865466	-0.0741661	-0.115288	No
<i>DEPDC1-AS1</i>	3.28	1.52	<0.1	NA	0.588785047	NA	-0.193523	NA	No
<i>AP000936.3</i>	0.65	0.52	<0.1	NA	0.921212121	NA	0	NA	No
<i>ZNF879</i>	4.98	3.72	<0.1	NA	0.789297659	NA	0	NA	No
<i>AC099560.2</i>	0.16	1.69	<0.1	NA	2.318965517	NA	1.03363	NA	No
<i>AL451069.3</i>	0.32	0.36	<0.1	NA	1.03030303	NA	0	NA	No
<i>AC012146.1</i>	0.36	0.24	<0.1	NA	0.911764706	NA	0	NA	No
<i>AL604028.2</i>	0.34	0.17	<0.1	NA	0.873134328	NA	0	NA	No
<i>BCAS2P2</i>	0.31	1	<0.1	NA	1.526717557	NA	0	NA	No
<i>RPS4XP11</i>	0.56	0	<0.1	NA	0.641025641	NA	0	NA	No
<i>LINC01914</i>	0.57	2.81	<0.1	NA	2.426751592	NA	1.73987	NA	No
<i>SNX18P7</i>	1.43	1.72	<0.1	NA	1.119341564	NA	0	NA	No
<i>AC098828.1</i>	0.38	1.23	1.92	1.97	1.615942029	1.017522797	0	0	No
<i>AL513174.1</i>	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
<i>LINC01049</i>	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
<i>USP27X-AS1</i>	0.18	0.18	<0.1	NA	1	NA	0	NA	No
<i>AL592546.2</i>	0.52	0.52	0.24	0.16	1	0.932137776	0	0.233468	No
<i>Z69733.1</i>	21.86	29.23	4.05	5.05	1.3223972	1.198384286	0.314224	0	No

AC004129.2	0.2	0.23	<0.1	NA	1.025	NA	0	NA	No
CCDC188	1.25	1.25	<0.1	NA	1	NA	0	NA	No
ZNF37BP	1.3	5.54	<0.1	NA	2.843478261	NA	0.86063	NA	No
AC092171.3	0.23	0.4	<0.1	NA	1.138211382	NA	0	NA	No
ZNF736	4.62	4.43	<0.1	NA	0.966192171	NA	0	NA	No
AC002064.2	2.19	1.89	4.12	3.60	0.905956113	0.897964037	0	0	No
AL772337.3	0.15	0.15	<0.1	NA	1	NA	0	NA	No
AC004231.1	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
ACBD3-AS1	0.13	0.51	0.99	1.46	1.336283186	1.23835436	0	-0.166417	No
SP2-AS1	0.31	1.08	<0.1	NA	1.58778626	NA	1.00194	NA	No
RPL13AP20	0.13	0	0.49	0.49	0.884955752	0.999781273	0	0	No
AC008267.3	0.42	0	<0.1	NA	0.704225352	NA	0	NA	No
PTGES3P1	0.75	1.32	1.38	1.95	1.325714286	1.241227134	0.245346	0.163655	No
AL354751.1	8.39	5.03	<0.1	NA	0.642172524	NA	0	NA	No
FAM133B	0.53	2.21	<0.1	NA	2.098039216	NA	0.705942	NA	No
LNCTAM34A	2.82	4.82	<0.1	NA	1.523560209	NA	0.361604	NA	No
CCT6P3	0.61	0	<0.1	NA	0.621118012	NA	0	NA	No
MCIDAS	0.16	0.16	<0.1	NA	1	NA	0	NA	No
APKAPK5-AS1	0.21	0.28	<0.1	NA	1.05785124	NA	0	NA	No
C2CD4D-AS1	1.08	1.63	<0.1	NA	1.264423077	NA	0	NA	No
JRK	0.25	1.18	<0.1	NA	1.744	NA	0.00136709	NA	No
RPSAP9	0.36	0.5	<0.1	NA	1.102941176	NA	0	NA	No
WDR82P1	0.17	0.34	<0.1	NA	1.145299145	NA	0	NA	No
AC245060.2	0.14	2.59	<0.1	NA	3.149122807	NA	1.87745	NA	No
MED14OS	0.29	0.22	0.13	0.09	0.945736434	0.963612938	0	0	No
AL162151.2	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
HMG2N2P5	0.17	0.03	<0.1	NA	0.88034188	NA	0	NA	No
ELF3-AS1	0.56	0	<0.1	NA	0.641025641	NA	0	NA	No
SDCBP2-AS1	0.17	0.1	<0.1	NA	0.94017094	NA	0	NA	No
EPCAM-DT	0.4	0.73	3.10	3.83	1.235714286	1.177010444	0.415215	0.0641562	No
AL139289.1	0.58	1.39	<0.1	NA	1.512658228	NA	0.515977	NA	No
AL139339.1	0.65	1.34	4.04	4.32	1.418181818	1.056413223	0.681266	0	No
HMGA1P4	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
SEC61G-DT	0.35	1.2	<0.1	NA	1.62962963	NA	0	NA	No
UPF3AP3	0.85	0.52	<0.1	NA	0.821621622	NA	0	NA	No
GAS5	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
AC144530.1	0.57	1.31	0.54	0.63	1.47133758	1.058216308	0.434261	0	No
EIF5AP4	2.19	14.47	0.70	0.54	4.849529781	0.905701515	2.01612	0	No

HLA-B	0.6	0.22	<0.1	NA	0.7625	NA	0	NA	No
FOXP4-AS1	7.86	11.06	<0.1	NA	1.361173815	NA	0	NA	No
WASH4P	0.29	0.8	<0.1	NA	1.395348837	NA	0.0356106	NA	No
LC25A25-AS	0.78	1	4.00	4.45	1.123595506	1.089977715	0	0	No
LINC00412	0.5	1.42	<0.1	NA	1.613333333	NA	0.652759	NA	No
C11orf94	0.52	0.46	1.42	2.31	0.960526316	1.368995114	0	0	No
BNC2-AS1	0.6	0.95	1.76	2.15	1.21875	1.142198382	0	0	No
AL590369.1	8.19	8.93	7.60	6.66	1.080522307	0.890524893	0	-0.250689	No
RPS3AP6	0.42	4.75	<0.1	NA	4.049295775	NA	1.6287	NA	No
PCMTD1P3	6.08	10.51	9.70	9.83	1.625706215	1.012373485	0.671354	-0.0482836	No
LINC01135	0.84	0.84	0.46	0.46	1	0.999576151	0	0	No
AL353705.4	0.23	0.28	<0.1	NA	1.040650407	NA	0	NA	No
NXT1-AS1	0.31	1.02	<0.1	NA	1.541984733	NA	0	NA	No
RPL23AP42	1.19	1.13	4.83	4.73	0.97260274	0.982552329	0	0	No
RNPUL2-BS	2.37	0.68	<0.1	NA	0.49851632	NA	0	NA	No
ATP5F1AP1	150.2	151.78	<0.1	NA	1.010449735	NA	0	NA	No
AL021392.1	0.4	1.59	<0.1	NA	1.85	NA	1.40926	NA	No
MIR155HG	0.81	0.81	0.41	0.72	1	1.218743973	0	0	No
TEX21P	0.4	0.45	<0.1	NA	1.035714286	NA	0	NA	No
SNHG20	6.31	6.62	<0.1	NA	1.042407661	NA	0	NA	No
AC010883.1	1.06	0.49	<0.1	NA	0.723300971	NA	0	NA	No
AC104667.2	1.8	0.48	<0.1	NA	0.528571429	NA	0	NA	No
LINC02539	0.15	0.26	<0.1	NA	1.095652174	NA	0	NA	No
FABP5P7	0.21	0.14	<0.1	NA	0.94214876	NA	0	NA	No
SHISA8	58.01	31.06	99.64	114.57	0.543297746	1.148374796	-0.823094	0	No
FTH1P2	0.19	0.1	<0.1	NA	0.924369748	NA	0	NA	No
AC098934.1	7.47	4.13	<0.1	NA	0.60566706	NA	-0.163343	NA	No
AC016745.1	2.75	2.92	14.39	10.97	1.045333333	0.778006858	0	-0.264982	No
AC244453.3	2.79	2.01	<0.1	NA	0.794195251	NA	0	NA	No
AL450468.1	0.66	1.32	2.26	2.49	1.397590361	1.070540681	0.538758	0	No
AL512622.1	0.25	0.25	<0.1	NA	1	NA	0	NA	No
SEMA3F-AS1	0.14	0.28	0.28	1.52	1.122807018	1.969553114	0	0	No
AC068580.3	7.37	2.25	<0.1	NA	0.388291517	NA	-0.828009	NA	No
HMGNI1P30	0.57	1.7	<0.1	NA	1.719745223	NA	0	NA	No
MNX1-AS2	33.08	20.28	<0.1	NA	0.624413146	NA	-0.460954	NA	No
AL035456.1	0.57	0.45	<0.1	NA	0.923566879	NA	0	NA	No
TECRP1	2.22	2.45	<0.1	NA	1.071428571	NA	0	NA	No
PPIAP3	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No

<i>AL021154.1</i>	0.53	0.59	<0.1	NA	1.039215686	NA	0	NA	No
<i>GAPDHP52</i>	45.97	45.35	<0.1	NA	0.986800085	NA	0	NA	No
<i>AC073842.1</i>	0.11	0.17	20.62	22.34	1.054054054	1.079407762	0	0	No
<i>AC231981.1</i>	0.24	0.49	<0.1	NA	1.201612903	NA	0	NA	No
<i>SUMO1P3</i>	0.16	0.56	<0.1	NA	1.344827586	NA	0.22348	NA	No
<i>CHCHD2P6</i>	0.4	0.4	9.97	9.39	1	0.947124919	0	0	No
<i>ID2-AS1</i>	0.15	0.35	<0.1	NA	1.173913043	NA	0	NA	No
<i>AL356968.2</i>	1.1	1.75	3.65	3.73	1.30952381	1.017243235	0.295162	0	No
<i>BRD3OS</i>	0.94	0.13	<0.1	NA	0.582474227	NA	0	NA	No
<i>ZSCAN31</i>	0.45	0.42	<0.1	NA	0.979310345	NA	0	NA	No
<i>AL121672.2</i>	0.15	2.33	<0.1	NA	2.895652174	NA	1.91746	NA	No
<i>C12orf75</i>	2.64	4.75	<0.1	NA	1.57967033	NA	0	NA	No
<i>SMIM1</i>	1.29	5.43	7.65	8.62	2.807860262	1.112105929	1.44051	0	No
<i>HGH1</i>	9.73	11.28	<0.1	NA	1.1444548	NA	0	NA	No
<i>RPL39P3</i>	0.35	1.66	<0.1	NA	1.97037037	NA	1.32274	NA	No
<i>AL031727.2</i>	0.63	0.42	<0.1	NA	0.871165644	NA	0	NA	No
<i>AC009495.3</i>	1.16	2.33	<0.1	NA	1.541666667	NA	0	NA	No
<i>PPP1R3E</i>	1.78	0.59	<0.1	NA	0.571942446	NA	0	NA	No
<i>AL162724.2</i>	0.2	0.07	<0.1	NA	0.891666667	NA	0	NA	No
<i>Z82188.2</i>	0.16	0.2	<0.1	NA	1.034482759	NA	0	NA	No
<i>SUMO2P1</i>	2.23	2.31	<0.1	NA	1.024767802	NA	0	NA	No
<i>AL360181.2</i>	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
<i>NDUFB4P6</i>	1.29	1.86	<0.1	NA	1.248908297	NA	0	NA	No
<i>MCF2L-AS1</i>	0.23	0.2	<0.1	NA	0.975609756	NA	0	NA	No
<i>SNORD62A</i>	8.29	5.52	<0.1	NA	0.701829925	NA	0	NA	No
<i>FAUP1</i>	0.64	0.21	<0.1	NA	0.737804878	NA	0	NA	No
<i>AL354733.3</i>	0.7	0.35	<0.1	NA	0.794117647	NA	0	NA	No
<i>HM13-IT1</i>	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
<i>LINC00957</i>	0.16	0.16	<0.1	NA	1	NA	0	NA	No
<i>DUSP8P5</i>	0.49	0.82	<0.1	NA	1.22147651	NA	0	NA	No
<i>AC012360.1</i>	0.18	0.18	27.24	29.37	1	1.075305975	0	0	No
<i>RPL12P25</i>	0.6	1.67	<0.1	NA	1.66875	NA	0	NA	No
<i>DUSP5P2</i>	0.15	0.14	2.02	1.00	0.991304348	0.662318694	0	-1.03318	No
<i>RPS29P16</i>	1.02	0.51	<0.1	NA	0.747524752	NA	0	NA	No
<i>SNRPGP10</i>	3.14	5.2	<0.1	NA	1.497584541	NA	0.500351	NA	No
<i>SSR4P1</i>	0.31	0.65	0.32	0.47	1.259541985	1.111588598	0.29734	0	No
<i>LINC02154</i>	0.25	0.12	<0.1	NA	0.896	NA	0	NA	No
<i>SPAAR</i>	9.91	15.43	11.63	9.76	1.505957837	0.851927571	0.446888	-0.167838	No

SNORA71B	1.77	3.24	2.82	2.70	1.530685921	0.96799951	0.18403	0	No
AL157896.1	34.43	32.04	33.98	31.16	0.932543043	0.919453153	0	-0.181456	No
LINC01278	2132.56	1671.44	<0.1	NA	0.783872963	NA	-0.287345	NA	No
SMIM27	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No
NEURL1-AS1	0.55	0.27	<0.1	NA	0.819354839	NA	0	NA	No
JARID2-AS1	3.33	3.59	0.86	0.93	1.060046189	1.036706806	0	0	No
AC073046.1	0.52	0.17	<0.1	NA	0.769736842	NA	0	NA	No
AC105942.1	0.17	1.36	<0.1	NA	2.017094017	NA	0.593485	NA	No
AL355990.2	1.51	1.5	<0.1	NA	0.996015936	NA	0	NA	No
AC087294.1	4.27	4.69	<0.1	NA	1.079696395	NA	0	NA	No
RPL6P27	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
AC005822.1	6.68	6.52	<0.1	NA	0.979166667	NA	0	NA	No
AC002310.1	1.86	3.1	4.78	5.92	1.433566434	1.196694695	0	0	No
NFAM1	0.9	1.16	<0.1	NA	1.136842105	NA	0	NA	No
AL355472.1	2.6	1.23	<0.1	NA	0.619444444	NA	0	NA	No
AF127577.4	0.6	1.65	<0.1	NA	1.65625	NA	0	NA	No
SNRPPF4	0.53	0.34	0.63	1.43	0.875816993	1.488256313	0	0.107616	No
NUS1P1	0.85	0.88	<0.1	NA	1.016216216	NA	0	NA	No
H3P6	0.24	0.08	<0.1	NA	0.870967742	NA	0	NA	No
AC245884.3	0.16	0.16	<0.1	NA	1	NA	0	NA	No
DICER1-AS1	0.26	0.1	<0.1	NA	0.873015873	NA	0	NA	No
GABPAP	0.31	0	<0.1	NA	0.763358779	NA	0	NA	No
HMGNI1P36	9.27	14.48	<0.1	NA	1.507302824	NA	0	NA	No
SEPTIN14P12	0.2	0.14	0.30	0.43	0.95	1.098888672	0	0	No
KIAA0040	0.14	2.5	<0.1	NA	3.070175439	NA	2.36938	NA	No
AP001625.2	0.2	2.76	<0.1	NA	3.133333333	NA	2.64593	NA	No
AC000089.1	1.18	1.96	1.51	2.99	1.357798165	1.590937424	0	0	No
LINC02569	0.34	0.27	<0.1	NA	0.947761194	NA	0	NA	No
PEF1-AS1	3.39	2.4	2.35	2.50	0.774487472	1.045884154	-0.321755	0	No
IFITM4P	1.38	0.93	<0.1	NA	0.81092437	NA	-0.0366089	NA	No
OLMALINC	1.52	3.26	<0.1	NA	1.69047619	NA	0.348814	NA	No
3HLHE40-AS	0.12	0.12	0.50	0.59	1	1.060363378	0	0	No
KIF3AP1	1.92	1.23	<0.1	NA	0.76369863	NA	0	NA	No
AC005540.1	4.23	4.82	<0.1	NA	1.112810707	NA	0	NA	No
AC006978.1	0.95	0.42	<0.1	NA	0.728205128	NA	0	NA	No
B3GALT4	0.41	0.65	<0.1	NA	1.170212766	NA	0	NA	No
TSPEAR-AS1	78.96	80.89	<0.1	NA	1.024137069	NA	0	NA	No
TM4SF19-AS	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No

LINC01564	0.53	1.34	<0.1	NA	1.529411765	NA	0.433943	NA	No
AL031729.1	0.73	0.91	11.57	14.92	1.104046243	1.266406308	0	0.131067	No
AC233279.1	0.37	0.12	<0.1	NA	0.817518248	NA	0	NA	No
ASH1L-AS1	0.48	0.75	<0.1	NA	1.182432432	NA	0.0590427	NA	No
ZNF815P	0.88	0.22	<0.1	NA	0.64893617	NA	0	NA	No
EGOT	1.21	0.42	<0.1	NA	0.642533937	NA	0	NA	No
TTC28-AS1	52.94	39.76	<0.1	NA	0.755654431	NA	-0.159589	NA	No
COX7CP1	0.49	0.24	<0.1	NA	0.832214765	NA	0	NA	No
PNMA6A	0.61	0.48	1.41	1.14	0.919254658	0.888233129	0	-0.0188309	No
AC018816.1	0.47	0.32	<0.1	NA	0.897959184	NA	0	NA	No
ASMTL-AS1	1.44	0.36	<0.1	NA	0.557377049	NA	0	NA	No
AC004898.1	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
NSA2P1	5.17	7.8	1.58	2.33	1.426256078	1.289982971	0.391437	0.180151	No
AL031283.2	0.19	0.09	<0.1	NA	0.915966387	NA	0	NA	No
RPL13AP12	0.2	0.2	<0.1	NA	1	NA	0	NA	No
HSPB1P1	0.19	1.07	<0.1	NA	1.739495798	NA	0.329961	NA	No
COX10-AS1	0.29	0.36	<0.1	NA	1.054263566	NA	0	NA	No
AC097059.1	2.16	0.51	1.80	0.89	0.477848101	0.675043523	-0.0550026	0	No
ZBTB22	1.48	2.26	37.67	27.97	1.314516129	0.749064226	0.390485	-0.378441	No
AC110995.1	0.32	0.25	<0.1	NA	0.946969697	NA	0	NA	No
CEACAMP11	0.26	1.05	<0.1	NA	1.626984127	NA	0	NA	No
PTCSC2	0.47	0.12	<0.1	NA	0.761904762	NA	0	NA	No
AL445231.1	1.47	1.69	<0.1	NA	1.089068826	NA	0	NA	No
MEM147-AS	2.31	4.13	7.26	7.18	1.549848943	0.990689698	0.428896	0	No
TCEA1P4	0.11	0.63	0.85	1.47	1.468468468	1.337803367	0.663381	0.0799579	No
KDM4A-AS1	1.4	2.8	1.03	1.29	1.583333333	1.13047362	0.453291	0	No
LINC01376	0.48	0.12	<0.1	NA	0.756756757	NA	0	NA	No
AC093106.1	9.19	4.17	<0.1	NA	0.507360157	NA	-0.0915149	NA	No
MYO16-AS1	0.38	0	<0.1	NA	0.724637681	NA	0	NA	No
AC009404.1	2.3	3.62	4.82	5.36	1.4	1.093327409	0.0643015	0	No
RPL26P30	0.42	0.88	1.08	0.94	1.323943662	0.931720134	0.128877	0	No
Z98884.1	0.37	0.44	<0.1	NA	1.051094891	NA	0	NA	No
ZBED5	0.37	0.76	1.25	1.43	1.284671533	1.081630747	0.623498	0	No
GUSBP5	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
SLC12A9-AS	0.38	0.43	1.22	1.25	1.036231884	1.013924178	0	0	No
RPL5P9	0.64	0.68	<0.1	NA	1.024390244	NA	0	NA	No
TRHDE-AS1	1.24	4.92	18.24	26.13	2.642857143	1.41028313	1.32321	0.246714	No
FMR1-IT1	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No

SCAT8	0.13	0.07	<0.1	NA	0.946902655	NA	0	NA	No
AL513123.1	0.15	0.51	<0.1	NA	1.313043478	NA	0	NA	No
RRAS2P1	1.09	0.18	<0.1	NA	0.564593301	NA	-0.117269	NA	No
AL358115.1	0.21	0.42	<0.1	NA	1.173553719	NA	0	NA	No
LINC00479	0.57	0.6	3.94	5.44	1.01910828	1.304558236	0	0.168722	No
DDX11L2	2.35	5.77	<0.1	NA	2.020895522	NA	0.528666	NA	No
NRADDP	11.62	7.36	17.62	16.85	0.662440571	0.958494098	-0.439451	0	No
AC009237.8	0.14	0.08	<0.1	NA	0.947368421	NA	0	NA	No
AL162430.2	0.92	1.37	<0.1	NA	1.234375	NA	0	NA	No
FAM157A	0.14	0.23	<0.1	NA	1.078947368	NA	0	NA	No
AC099336.2	0.33	0.63	<0.1	NA	1.22556391	NA	0	NA	No
HNRNPA1P2	4.56	4.28	4.61	5.07	0.949640288	1.08139699	0	0	No
AC133473.1	0.32	0.32	<0.1	NA	1	NA	0	NA	No
EIF2S2P3	0.3	0.48	20.37	20.84	1.138461538	1.022152629	0	-0.160411	No
LINC00896	0.21	0.25	<0.1	NA	1.033057851	NA	0	NA	No
AL135791.1	0.3	3.03	<0.1	NA	3.1	NA	0.955495	NA	No
AL033528.3	1.11	0.74	<0.1	NA	0.82464455	NA	0	NA	No
AC093582.1	0.31	0.2	<0.1	NA	0.916030534	NA	0	NA	No
RPL13AP5	1.13	0.63	<0.1	NA	0.765258216	NA	0	NA	No
HNRNPA3P5	1.93	2.38	<0.1	NA	1.153583618	NA	0	NA	No
AL357992.1	1.78	2.94	8.31	11.40	1.417266187	1.331751258	0.477258	0.109072	No
RANP1	0.54	0.46	<0.1	NA	0.948051948	NA	0	NA	No
ZNF853	0.72	2.03	<0.1	NA	1.761627907	NA	0	NA	No
AC127070.1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
PITPNA-AS1	0.14	0.18	1.34	1.62	1.035087719	1.120138718	0	-0.21844	No
KRT18P5	0.31	0	<0.1	NA	0.763358779	NA	0	NA	No
PRKG1-AS1	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
MTX1P1	0.54	1.79	<0.1	NA	1.811688312	NA	0	NA	No
RPL23AP24	2.77	2.66	<0.1	NA	0.970822281	NA	0	NA	No
MAP3K2-DT	0.11	0.58	<0.1	NA	1.423423423	NA	0.699482	NA	No
EIF1AXP1	0.23	9.32	<0.1	NA	8.390243902	NA	4.01932	NA	No
ARHGEF38	3.48	5.39	2.98	2.76	1.426339286	0.944432553	0.180759	0	No
AL606760.2	0.22	0.53	<0.1	NA	1.254098361	NA	0	NA	No
CLIC4P1	0.14	0.99	<0.1	NA	1.745614035	NA	0	NA	No
LINC01186	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
MKLN1-AS	0.39	0.66	<0.1	NA	1.194244604	NA	0.156574	NA	No
DNAJC9-AS1	5.26	3.99	<0.1	NA	0.797124601	NA	0	NA	No
AL034550.1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No

AL391650.1	0.18	0.36	<0.1	NA	1.152542373	NA	0	NA	No
LINC02626	0.16	0.05	<0.1	NA	0.905172414	NA	0	NA	No
RPL24P8	0.4	0.8	0.23	0.18	1.285714286	0.963035918	0	0	No
SNX25P1	0.26	0.06	<0.1	NA	0.841269841	NA	0	NA	No
ELOA-AS1	0.19	0.06	<0.1	NA	0.890756303	NA	0	NA	No
AC046176.1	0.23	0.36	<0.1	NA	1.105691057	NA	0	NA	No
BCYRN1	493.71	284.44	3556.66	3271.58	0.576984496	0.919869947	-0.721772	-0.241368	No
Z97634.1	6.1	6.54	<0.1	NA	1.061971831	NA	0	NA	No
CBR3-AS1	0.41	0	<0.1	NA	0.709219858	NA	0	NA	No
AC024560.1	1.48	1.23	<0.1	NA	0.899193548	NA	0	NA	No
NIFK-AS1	0.94	1.53	<0.1	NA	1.304123711	NA	0.191336	NA	No
7KSCAN7-AS	0.67	0.96	<0.1	NA	1.173652695	NA	0	NA	No
LINC00106	9.37	8.37	10.49	10.75	0.903567985	1.022326759	0	0	No
ASS1P7	0.12	0.37	<0.1	NA	1.223214286	NA	0	NA	No
AL354726.1	0.15	0.26	<0.1	NA	1.095652174	NA	0	NA	No
MIR600HG	1.47	2.99	<0.1	NA	1.615384615	NA	0.187073	NA	No
LINC02827	0.42	0	<0.1	NA	0.704225352	NA	0	NA	No
LINC01852	0.43	0.74	<0.1	NA	1.216783217	NA	0	NA	No
AL157937.1	30.85	32.53	<0.1	NA	1.052747253	NA	0	NA	No
LINC01378	0.25	0.2	<0.1	NA	0.96	NA	0	NA	No
AL162411.1	0.13	0.09	<0.1	NA	0.96460177	NA	0	NA	No
7DHHC20-IT	0.8	1.2	<0.1	NA	1.222222222	NA	0	NA	No
AL136131.2	1.99	2.64	<0.1	NA	1.217391304	NA	0	NA	No
EDRF1-AS1	0.26	0.54	0.38	0.55	1.222222222	1.121125914	0.424359	0	No
RPL12P12	0.11	0.05	0.86	1.01	0.945945946	1.0832566	0	0	No
ZNRF2P1	0.11	0.22	<0.1	NA	1.099099099	NA	0	NA	No
LAPTM4BP1	0.15	0.8	<0.1	NA	1.565217391	NA	0.647744	NA	No
AC245052.4	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
AC104073.2	11.73	11.72	<0.1	NA	0.999214454	NA	0	NA	No
ZEB1-AS1	0.32	0.77	<0.1	NA	1.340909091	NA	0	NA	No
NDUFA6-DT	1.13	0.83	<0.1	NA	0.85915493	NA	0	NA	No
RPS28P4	1.55	1.51	<0.1	NA	0.984313725	NA	0	NA	No
AL162727.2	0.27	0	3.08	13.99	0.787401575	3.674867027	0	1.7253	No
EHMT2-AS1	0.23	0.3	<0.1	NA	1.056910569	NA	0	NA	No
COX5BP6	0.17	0.4	0.72	0.61	1.196581197	0.938287449	0.488627	0	No
AC068134.2	0.33	0.58	<0.1	NA	1.187969925	NA	0	NA	No
AC092809.4	0.37	0.44	3.91	3.51	1.051094891	0.918591473	0	0	No
CYP2F2P	0.47	0.59	<0.1	NA	1.081632653	NA	0	NA	No

ZNF503-AS2	0.36	2.62	33.99	46.85	2.661764706	1.367630882	0.935124	0.0932947	No
MCFD2P1	0.26	0.17	<0.1	NA	0.928571429	NA	0	NA	No
LINC01792	0.4	0.66	<0.1	NA	1.185714286	NA	0	NA	No
AC128709.3	0.48	0.62	0.66	0.61	1.094594595	0.971238724	0	0	No
B3GNT9	0.21	0.2	<0.1	NA	0.991735537	NA	0	NA	No
NR2F1-AS1	0.25	0.14	<0.1	NA	0.912	NA	0	NA	No
CDKN2AIPNL	0.24	0.36	<0.1	NA	1.096774194	NA	0	NA	No
ZBTB40-IT1	0.26	0.38	<0.1	NA	1.095238095	NA	0	NA	No
AC104777.2	2.64	2.74	<0.1	NA	1.027472527	NA	0	NA	No
ZNF295-AS1	0.12	0.24	<0.1	NA	1.107142857	NA	0	NA	No
BMS1P10	0.15	3.22	<0.1	NA	3.669565217	NA	1.54001	NA	No
FTH1P11	0.11	0.16	0.83	1.46	1.045045045	1.345189195	0	0	No
ANO7L1	0.96	0.32	<0.1	NA	0.673469388	NA	0	NA	No
CKMT1B	8.11	8.97	15.44	13.21	1.094401756	0.864304343	0	-0.273796	No
SMG1P1	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
AL121992.1	0.59	0.54	<0.1	NA	0.968553459	NA	0	NA	No
GS1-124K5.4	0.69	0.34	<0.1	NA	0.792899408	NA	0	NA	No
RNF223	1.26	1.99	1.39	1.61	1.32300885	1.091868891	0.213025	0	No
AC246785.3	0.4	0.24	<0.1	NA	0.885714286	NA	0	NA	No
CDC42P6	1.53	2.29	<0.1	NA	1.300395257	NA	0	NA	No
MGC27382	0.27	0.27	<0.1	NA	1	NA	0	NA	No
LINC01522	0.19	0.08	<0.1	NA	0.907563025	NA	0	NA	No
FOXD2-AS1	1.01	0.76	<0.1	NA	0.875621891	NA	0	NA	No
CAMTA1-D7	0.19	2.22	<0.1	NA	2.705882353	NA	1.24584	NA	No
CECR7	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
RGL2	0.14	0.72	<0.1	NA	1.50877193	NA	0.407635	NA	No
AL031663.2	0.67	1.2	5.80	5.77	1.317365269	0.995066103	0.193442	0	No
LINC01637	0.18	0.36	<0.1	NA	1.152542373	NA	0	NA	No
C10orf143	0.12	0.55	<0.1	NA	1.383928571	NA	0.592578	NA	No
LINC01409	0.51	0.68	<0.1	NA	1.112582781	NA	0	NA	No
AC034102.1	16.46	15.75	2.45	1.66	0.959335624	0.769686452	0	-0.322402	No
WAKMAR2	0.46	0.18	<0.1	NA	0.808219178	NA	-0.9277	NA	No
RPSAP15	16.84	20.82	35.21	33.15	1.22309417	0.943179892	0.114788	-0.106395	No
UNC5B-AS1	0.2	0.2	<0.1	NA	1	NA	0	NA	No
SHISA9	0.2	0.2	<0.1	NA	1	NA	0	NA	No
AL391832.1	0.3	0.31	0.15	0.15	1.007692308	1.001517763	0	0	No
NONOP2	0.2	0.77	<0.1	NA	1.475	NA	0.152328	NA	No
LINC00857	0.19	0.58	<0.1	NA	1.327731092	NA	0	NA	No

AC243919.1	1.58	3.03	<0.1	NA	1.562015504	NA	0.400683	NA	No
PYY2	0.99	0.82	<0.1	NA	0.914572864	NA	0	NA	No
AL590666.3	2.38	2.46	1.43	0.86	1.023668639	0.766799774	0	-0.0369311	No
AP000251.1	0.11	0.08	<0.1	NA	0.972972973	NA	0	NA	No
AP001056.1	3.81	3.72	<0.1	NA	0.981288981	NA	0	NA	No
DYRK3-AS1	8.05	10.62	<0.1	NA	1.283977901	NA	0.138104	NA	No
AF064858.2	0.34	0	<0.1	NA	0.746268657	NA	0	NA	No
OXCT2P1	1.21	1.39	<0.1	NA	1.081447964	NA	0	NA	No
LINC02245	0.13	0.06	<0.1	NA	0.938053097	NA	0	NA	No
RPL28P2	0.7	1.06	<0.1	NA	1.211764706	NA	0.00150361	NA	No
KIFC1	4.82	4.15	6.48	6.13	0.884879725	0.953179257	0	-0.0580975	No
C2orf74	1.16	0.77	<0.1	NA	0.819444444	NA	0	NA	No
AL671277.2	2.27	2.79	2.55	2.73	1.159021407	1.049389167	0	0	No
AL109615.3	19.31	27.5	34.43	42.97	1.403249631	1.240975971	0.397552	0.106654	No
UQCRBP1	0.9	2.71	<0.1	NA	1.952631579	NA	0	NA	No
LINC01143	4.38	5.46	<0.1	NA	1.200743494	NA	0	NA	No
AC079922.2	0.38	0.26	<0.1	NA	0.913043478	NA	0	NA	No
BANF1P3	0.14	0.11	<0.1	NA	0.973684211	NA	0	NA	No
FAM200B	17.08	18.21	<0.1	NA	1.0625	NA	0	NA	No
DAMTSL4-AS1	1.56	1.87	<0.1	NA	1.12109375	NA	0	NA	No
GFOD1-AS1	44.89	32.93	<0.1	NA	0.739376771	NA	-0.255336	NA	No
AC022034.1	1.36	0.83	<0.1	NA	0.775423729	NA	0	NA	No
AC002066.1	0.4	0.45	<0.1	NA	1.035714286	NA	0	NA	No
CDK6-AS1	0.38	0	<0.1	NA	0.724637681	NA	0	NA	No
FAM21FP	0.13	0.3	<0.1	NA	1.150442478	NA	0	NA	No
SMU1P1	7.22	8.43	<0.1	NA	1.147201946	NA	0	NA	No
AL773545.3	282.96	234.52	<0.1	NA	0.829412593	NA	-0.189975	NA	No
LINC00674	0.3	2.83	<0.1	NA	2.946153846	NA	1.61499	NA	No
DGUOK-AS1	0.43	0.17	<0.1	NA	0.818181818	NA	-0.205783	NA	No
NALT1	1.56	3.44	<0.1	NA	1.734375	NA	0.327262	NA	No
SIRPG-AS1	0.2	0.26	<0.1	NA	1.05	NA	0	NA	No
AL590729.1	0.17	0.06	<0.1	NA	0.905982906	NA	0	NA	No
AL450998.2	1.65	4.39	<0.1	NA	2.033962264	NA	0	NA	No
PRKCQ-AS1	1.5	2.75	<0.1	NA	1.5	NA	0.245216	NA	No
AL357079.1	0.29	0.26	<0.1	NA	0.976744186	NA	0	NA	No
MTCO1P12	0.53	0	<0.1	NA	0.653594771	NA	0	NA	No
RFX5-AS1	52.08	54.93	86.58	81.99	1.05369254	0.947617342	0	-0.172238	No
EIF4HP2	6.18	5.36	17.97	17.44	0.885793872	0.972052304	0	0	No

AC116347.1	1.02	1.72	<0.1	NA	1.346534653	NA	0	NA	No
AL391832.2	3.97	20.64	<0.1	NA	4.354124748	NA	2.12838	NA	No
AC093110.1	0.32	0.79	0.45	0.38	1.356060606	0.953845714	0	0	No
AC090505.2	1.63	2.99	<0.1	NA	1.517110266	NA	0	NA	No
AC138035.1	0.85	0.68	<0.1	NA	0.908108108	NA	0	NA	No
OOSP1P1	0.82	1.43	<0.1	NA	1.335164835	NA	0	NA	No
AP004245.1	1.99	2.73	2.19	2.70	1.247491639	1.161073829	0.130889	0	No
LINC02257	0.24	0.08	<0.1	NA	0.870967742	NA	0	NA	No
AC009133.1	0.48	0.16	<0.1	NA	0.783783784	NA	0	NA	No
AL355574.1	0.26	0.36	<0.1	NA	1.079365079	NA	0	NA	No
AC009244.1	0.83	0.86	<0.1	NA	1.016393443	NA	0	NA	No
LRRC37A2	0.24	0.08	<0.1	NA	0.870967742	NA	0	NA	No
AL031284.1	0.38	0.36	<0.1	NA	0.985507246	NA	0	NA	No
RPL9P7	0.24	0.21	<0.1	NA	0.975806452	NA	0	NA	No
GOLGA2P5	0.76	0.68	<0.1	NA	0.954545455	NA	0	NA	No
LINC01410	26.15	18.26	2.95	3.71	0.709392265	1.192323066	-0.242354	0.0938494	No
SLC25A24P2	0.95	1.62	0.63	0.71	1.343589744	1.050876623	0	0	No
LINC01589	7.96	6.82	<0.1	NA	0.872767857	NA	0	NA	No
MID1IP1-AS1	0.76	0.99	<0.1	NA	1.130681818	NA	0	NA	No
MAP3K20-AS	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
BX284668.5	0.17	0.35	<0.1	NA	1.153846154	NA	0	NA	No
MLLT10P1	0.29	0.3	0.80	1.15	1.007751938	1.195480173	0	0	No
LINC02863	0.14	0.31	<0.1	NA	1.149122807	NA	0	NA	No
AL603839.2	2.39	3.25	<0.1	NA	1.253687316	NA	0	NA	No
AP000275.1	0.26	0.43	<0.1	NA	1.134920635	NA	0	NA	No
AL139095.4	0.47	0.09	<0.1	NA	0.741496599	NA	0	NA	No
TMEM250	0.52	0	<0.1	NA	0.657894737	NA	0	NA	No
LINC00707	0.48	0.39	<0.1	NA	0.939189189	NA	0	NA	No
ALG1L6P	0.13	0.09	<0.1	NA	0.96460177	NA	0	NA	No
BX470102.1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AL121781.1	0.29	0.93	<0.1	NA	1.496124031	NA	0.259804	NA	No
AL603839.3	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
SNORD11	3.51	3.92	<0.1	NA	1.090909091	NA	0	NA	No
SNORA13	0.48	0.8	<0.1	NA	1.216216216	NA	0	NA	No
AP000254.1	1.6	1.88	<0.1	NA	1.107692308	NA	0	NA	No
RNU1-88P	1.47	2.99	<0.1	NA	1.615384615	NA	0.187073	NA	No
SCARNA12	25.28	18.01	<0.1	NA	0.723363775	NA	-0.0203	NA	No
AC004839.1	0.55	0.48	2.05	2.37	0.95483871	1.104829795	0	0	No

<i>U8</i>	24.27	18.77	<0.1	NA	0.782350613	NA	-0.0267116	NA	No
<i>SCARNA10</i>	3.13	1.57	<0.1	NA	0.622276029	NA	-0.014532	NA	No
<i>AC097376.1</i>	0.45	0.57	0.61	1.40	1.082758621	1.489337371	0	0.478944	No
<i>SNORA59A</i>	0.25	0.32	3.34	5.85	1.056	1.57934887	0	0.600059	No
<i>NCK1-DT</i>	2.73	2.51	<0.1	NA	0.941018767	NA	0	NA	No
<i>TXNDC5</i>	10.63	11.4	<0.1	NA	1.066208083	NA	0	NA	No
<i>CASTOR1</i>	1.71	0.57	3.47	6.29	0.579335793	1.630324704	0	0.163219	No
<i>RNF103</i>	0.11	0.32	<0.1	NA	1.189189189	NA	0	NA	No
<i>RBM14</i>	0.93	1.86	<0.1	NA	1.481865285	NA	0.329358	NA	No
<i>LINC01119</i>	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
<i>LLPH-DT</i>	0.11	0.8	<0.1	NA	1.621621622	NA	0.487244	NA	No
<i>AC073111.1</i>	0.69	0.88	<0.1	NA	1.112426036	NA	0	NA	No
<i>ALKBH6</i>	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
<i>AC084878.1</i>	0.11	0.21	<0.1	NA	1.09009009	NA	0	NA	No
<i>TMED10P2</i>	37.3	36.51	<0.1	NA	0.979373368	NA	0	NA	No
<i>Z68871.1</i>	0.3	0.7	<0.1	NA	1.307692308	NA	0.692492	NA	No
<i>AP001469.3</i>	3.17	2.32	<0.1	NA	0.79616307	NA	0	NA	No
<i>RN7SL535P</i>	1.81	0.2	<0.1	NA	0.427046263	NA	-0.788833	NA	No
<i>AC091212.1</i>	0.32	0	<0.1	NA	0.757575758	NA	0	NA	No
<i>AC007405.3</i>	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
<i>AC011979.1</i>	3.18	0.64	<0.1	NA	0.392344498	NA	0	NA	No
<i>AC019211.1</i>	0.8	1.2	1.93	1.15	1.222222222	0.733033693	0	0	No
<i>CASTOR3</i>	0.3	0.3	<0.1	NA	1	NA	0	NA	No
<i>MYLK-AS1</i>	0.42	0	<0.1	NA	0.704225352	NA	0	NA	No
<i>RN7SL399P</i>	1.39	0.79	10.85	11.68	0.748953975	1.070444943	0	-0.213709	No
<i>HOXB-AS2</i>	0.37	0.74	<0.1	NA	1.270072993	NA	0	NA	No
<i>AC004951.2</i>	0.4	1.2	<0.1	NA	1.571428571	NA	0	NA	No
<i>KMT2E-AS1</i>	1.3	0.32	0.16	0.62	0.573913043	1.393785788	0	0	No
<i>STPG4</i>	0.42	0.42	<0.1	NA	1	NA	0	NA	No
<i>PSMD6-AS2</i>	1.41	0	1.01	0.00	0.414937759	0.497512438	0	0	No
<i>AL157392.3</i>	1.75	1.76	<0.1	NA	1.003636364	NA	0	NA	No
<i>NME1</i>	8.62	6.26	15.23	14.65	0.754677755	0.964057354	-0.266975	-0.0490028	No
<i>TNFSF12</i>	1.54	0.8	<0.1	NA	0.708661417	NA	-0.307749	NA	No
<i>RN7SL507P</i>	2.21	4.27	4.25	4.73	1.641744548	1.090745517	0.7166	0	No
<i>AC026316.2</i>	13.41	9.99	19.93	19.57	0.762664816	0.982583746	-0.297405	-0.0912667	No
<i>AC009120.1</i>	0.33	0.56	<0.1	NA	1.172932331	NA	0	NA	No
<i>WBP1</i>	1.37	1.46	<0.1	NA	1.037974684	NA	0	NA	No
<i>MRPS17</i>	0.51	0.89	<0.1	NA	1.251655629	NA	0	NA	No

AC092902.1	1.49	1.89	20.95	23.62	1.16064257	1.12156993	0	0	No
SUGT1P3	0.33	0	<0.1	NA	0.751879699	NA	0	NA	No
GET4	0.61	0	<0.1	NA	0.621118012	NA	0	NA	No
PARGP1	0.38	0.8	<0.1	NA	1.304347826	NA	0	NA	No
RN7SL608P	0.31	0.49	<0.1	NA	1.13740458	NA	0	NA	No
C1orf226	0.18	1.44	<0.1	NA	2.06779661	NA	0.00670363	NA	No
ADSL	0.68	0.81	<0.1	NA	1.077380952	NA	0	NA	No
RN7SL75P	0.11	0.13	<0.1	NA	1.018018018	NA	0	NA	No
PRKAG2-AS1	0.33	0.55	<0.1	NA	1.165413534	NA	0	NA	No
RPS10P16	0.14	0.28	<0.1	NA	1.122807018	NA	0	NA	No
SNRPGP3	0.6	1.52	<0.1	NA	1.575	NA	0.795252	NA	No
AP001625.3	1.88	2.17	1.22	0.89	1.100694444	0.851072532	0	0	No
TRBV8-2	0.38	0	<0.1	NA	0.724637681	NA	0	NA	No
AC091390.4	0.57	0.88	<0.1	NA	1.197452229	NA	0	NA	No
STIM2-AS1	0.47	2.36	<0.1	NA	2.285714286	NA	0.688509	NA	No
LINC02004	10.24	4.93	1.27	1.00	0.527580071	0.882630481	-0.561704	-0.0752126	No
AL133163.1	1.24	2.07	<0.1	NA	1.370535714	NA	0.252763	NA	No
LINC00888	0.28	0.17	0.28	0.46	0.9140625	1.139957427	0	0	No
AC104563.1	0.2	0.29	<0.1	NA	1.075	NA	0	NA	No
LY6G5B	27.85	33.35	136.52	138.79	1.190641248	1.016485342	0.152447	-0.0299733	No
PSMB9	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
RPSAP12	0.2	0.81	<0.1	NA	1.508333333	NA	0	NA	No
AC093627.3	0.11	0.79	<0.1	NA	1.612612613	NA	0	NA	No
ERICH6-AS1	14.03	9.14	37.03	30.75	0.674650699	0.834802421	-0.404317	-0.339044	No
AC087385.1	4.2	4.22	19.68	24.27	1.003846154	1.221874942	0	0	No
PCDHGC3	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
SMKR1	0.36	0.12	0.39	0.63	0.823529412	1.17310004	0	0	No
AC080013.1	10.78	12.39	36.32	36.46	1.136672326	1.003699092	0.061976	0	No
PP1R35-AS1	1.1	1.73	2.27	2.85	1.3	1.176294898	0.129091	0	No
CPHL1P	0.57	0.38	<0.1	NA	0.878980892	NA	0	NA	No
ZNF542P	6.74	11.51	1.11	1.07	1.61627907	0.982444135	0.591121	0	No
COX19	1.73	1.92	60.65	60.49	1.06959707	0.997394505	0	0	No
TCAM1P	0.19	0.76	<0.1	NA	1.478991597	NA	0	NA	No
GHRLOS	1.42	1.65	2.27	2.96	1.095041322	1.21076321	0	0	No
ACAD11	0.22	0.11	<0.1	NA	0.909836066	NA	0	NA	No
RPS2P5	0.24	0	<0.1	NA	0.806451613	NA	0	NA	No
PPIL3	0.12	0.36	<0.1	NA	1.214285714	NA	0	NA	No
RPL23AP7	0.4	0.4	<0.1	NA	1	NA	0	NA	No

<i>RPL36AP45</i>	0.36	0.29	<0.1	NA	0.948529412	NA	0	NA	No
<i>RPL13P5</i>	0.17	0.43	<0.1	NA	1.222222222	NA	0	NA	No
<i>SEC62-AS1</i>	11.64	8.54	<0.1	NA	0.754746835	NA	0	NA	No
<i>AC010343.1</i>	0.17	1.01	<0.1	NA	1.717948718	NA	0.425229	NA	No
<i>RPL5P23</i>	1.18	2.78	5.24	6.31	1.733944954	1.172079807	0.659794	0	No
<i>AC004801.2</i>	1.99	3.12	<0.1	NA	1.377926421	NA	0	NA	No
<i>LRRFIP1P1</i>	1.15	1.06	22.18	28.07	0.958139535	1.254201088	0	0.0318687	No
<i>AC007879.4</i>	26.23	23.21	66.63	86.41	0.889092912	1.292445445	-0.0555795	0.0929856	No
<i>FOXO3B</i>	7.34	3.73	<0.1	NA	0.567146283	NA	-0.458461	NA	No
<i>AC005586.1</i>	2.05	0.19	<0.1	NA	0.390163934	NA	-1.11113	NA	No
<i>LINC00973</i>	0.21	0.23	0.67	1.11	1.016528926	1.262160293	0	0	No
<i>SETP14</i>	0.17	0.34	<0.1	NA	1.145299145	NA	0	NA	No
<i>CDKN2B-AS1</i>	3.66	4.78	10.48	11.60	1.240343348	1.097654427	0.153096	0	No
<i>RPL34P18</i>	2.26	2.31	0.30	0.34	1.015337423	1.033962913	0	0	No
<i>RPL7AP10</i>	2.23	2.38	<0.1	NA	1.046439628	NA	0	NA	No
<i>TM4SF1-AS1</i>	0.35	0.18	<0.1	NA	0.874074074	NA	0	NA	No
<i>AQP1</i>	1.6	0.24	<0.1	NA	0.476923077	NA	-1.88666	NA	No
<i>AL096701.3</i>	0.87	7.78	<0.1	NA	4.695187166	NA	2.76516	NA	No
<i>KRT8P36</i>	3.14	3.25	7.71	8.75	1.026570048	1.11936278	0	0	No
<i>H4P1</i>	0.66	1.19	<0.1	NA	1.319277108	NA	0.216515	NA	No
<i>ISY1</i>	0.12	0.29	1.95	3.13	1.151785714	1.401565445	0	0	No
<i>AC117382.1</i>	0.65	0.55	0.78	0.99	0.939393939	1.11649968	0	0	No
<i>LINC01168</i>	313.16	188.38	<0.1	NA	0.602813853	NA	-0.656965	NA	No
<i>AL139287.1</i>	12.97	11.69	19.64	21.86	0.908375089	1.10742989	0	0	No
<i>KRBOX1</i>	2.79	3.24	3.61	4.70	1.118733509	1.23730406	0	0	No
<i>ARHGEF25</i>	0.17	0.34	<0.1	NA	1.145299145	NA	0	NA	No
<i>UBA52P8</i>	1.62	1.41	3.46	2.94	0.919847328	0.882441789	0	0	No
<i>TMEM189</i>	0.31	0.15	<0.1	NA	0.877862595	NA	0	NA	No
<i>RDH14</i>	11.56	6.62	<0.1	NA	0.606687898	NA	-0.329629	NA	No
<i>AC093627.4</i>	0.31	0.18	<0.1	NA	0.900763359	NA	0	NA	No
<i>LINC00886</i>	0.27	0.21	<0.1	NA	0.952755906	NA	0	NA	No
<i>RN7SL521P</i>	0.45	1.4	<0.1	NA	1.655172414	NA	0.764545	NA	No
<i>NDUFB2-AS1</i>	0.3	0.15	<0.1	NA	0.884615385	NA	0	NA	No
<i>PLCXD2</i>	0.48	0.71	0.96	1.08	1.155405405	1.060986656	0.108082	0	No
<i>AC132942.1</i>	1.3	2.13	<0.1	NA	1.360869565	NA	0	NA	No
<i>AC021074.1</i>	7.56	6.05	<0.1	NA	0.823598131	NA	0	NA	No
<i>RPL23AP64</i>	1.47	2.69	<0.1	NA	1.493927126	NA	0.0316695	NA	No
<i>MIF</i>	0.27	0.26	<0.1	NA	0.992125984	NA	0	NA	No

<i>HOXA11-AS</i>	0.91	0.15	<0.1	NA	0.602094241	NA	0	NA	No
<i>AL157400.4</i>	0.2	0.61	<0.1	NA	1.341666667	NA	0	NA	No
<i>TPM3P9</i>	0.39	0.32	<0.1	NA	0.949640288	NA	0	NA	No
<i>AC004951.3</i>	0.62	8	0.37	2.07	5.555555556	2.238388437	3.13554	1.65338	No
<i>NSUN6</i>	0.12	0.07	<0.1	NA	0.955357143	NA	0	NA	No
<i>RN7SL259P</i>	0.33	0.37	<0.1	NA	1.030075188	NA	0	NA	No
<i>CYP51A1P1</i>	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
<i>CEACAMP10</i>	5.32	5.48	9.71	8.34	1.025316456	0.872052507	0	-0.18868	No
<i>HLA-DOB</i>	0.15	0.29	<0.1	NA	1.12173913	NA	0	NA	No
<i>RPL29P14</i>	0.63	0.17	<0.1	NA	0.717791411	NA	-1.0546	NA	No
<i>HMG1P8</i>	4.02	2.21	<0.1	NA	0.639442231	NA	0	NA	No
<i>YAE1</i>	0.15	0.64	<0.1	NA	1.426086957	NA	0.549835	NA	No
<i>LINC00881</i>	2.18	1.83	1.93	2.21	0.889937107	1.094046005	0	0	No
<i>RHGAP31-AS1</i>	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
<i>AC104763.1</i>	7.16	8.23	15.62	15.25	1.131127451	0.977782325	0.0600724	-0.0469583	No
<i>RN7SL809P</i>	8.63	9.29	6.10	6.04	1.068535826	0.991919629	0	0	No
<i>AL136126.1</i>	3.16	1.21	<0.1	NA	0.53125	NA	-1.01975	NA	No
<i>CRCP</i>	0.84	1.87	0.20	0.35	1.559782609	1.125602312	0.654595	0	No
<i>AC093620.1</i>	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
<i>LINC02614</i>	0.23	0.39	0.72	1.02	1.130081301	1.173802952	0	0	No
<i>WWTR1-AS1</i>	0.51	1.37	0.19	0.33	1.569536424	1.119037525	1.01159	0	No
<i>SUCLG2-AS1</i>	1	1	<0.1	NA	1	NA	0	NA	No
<i>CDRT1</i>	0.51	0.67	<0.1	NA	1.105960265	NA	0	NA	No
<i>RPL36A</i>	0.25	0.12	2.19	2.57	0.896	1.119874805	0	0	No
<i>SNRPCP11</i>	2.46	3.18	24.09	22.73	1.208092486	0.945894394	0	-0.14463	No
<i>AC007688.2</i>	0.24	0.24	<0.1	NA	1	NA	0	NA	No
<i>AC092849.1</i>	2.97	4.33	2.65	2.83	1.34256927	1.04901081	0.20604	0	No
<i>PDXP</i>	2.47	1.4	<0.1	NA	0.691642651	NA	-0.0638119	NA	No
<i>RPL36AP43</i>	1.25	1.06	1.76	2.24	0.915555556	1.172959862	0	0	No
<i>RPP21</i>	0.42	0	<0.1	NA	0.704225352	NA	0	NA	No
<i>EGFL8</i>	0.21	0.11	<0.1	NA	0.917355372	NA	0	NA	No
<i>AC092903.1</i>	0.11	2.29	<0.1	NA	2.963963964	NA	2.58099	NA	No
<i>RPL7P19</i>	1	0	<0.1	NA	0.5	NA	-0.0100004	NA	No
<i>ATP5MF</i>	0.37	0	<0.1	NA	0.729927007	NA	0	NA	No
<i>PTPRG-AS1</i>	2	3.09	<0.1	NA	1.363333333	NA	0.184841	NA	No
<i>ARHGAP8</i>	0.18	0.26	<0.1	NA	1.06779661	NA	0	NA	No
<i>PSMC1P1</i>	0.77	2.05	0.99	0.24	1.723163842	0.625447671	0	0	No
<i>LINC02029</i>	0.15	0.74	<0.1	NA	1.513043478	NA	0	NA	No

ACTG1P20	0.18	0.72	<0.1	NA	1.457627119	NA	0	NA	No
GUSBP2	0.53	0.66	<0.1	NA	1.08496732	NA	0	NA	No
ARPC4	9.76	19.25	12.36	13.09	1.88197026	1.054734839	0.818604	0	No
AC018475.1	0.18	0.73	<0.1	NA	1.466101695	NA	0	NA	No
CORT	0.63	0.43	<0.1	NA	0.877300613	NA	0	NA	No
UBQLN4P1	0.84	0.81	<0.1	NA	0.983695652	NA	0	NA	No
RN7SL316P	0.18	0.36	<0.1	NA	1.152542373	NA	0.317463	NA	No
AC069499.1	0.18	0.56	0.14	0.11	1.322033898	0.974530551	0.913737	0	No
ARPC1A	2.47	2.8	2.35	4.07	1.095100865	1.514450831	0	0	No
RN7SL704P	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No
RPL7AP30	0.21	0.42	<0.1	NA	1.173553719	NA	0	NA	No
AC002467.1	0.32	0	<0.1	NA	0.757575758	NA	0	NA	No
LINC00893	6.13	8.04	69.61	57.20	1.267882188	0.82431272	0.110774	-0.347762	No
AC104411.1	0.52	0.17	<0.1	NA	0.769736842	NA	0	NA	No
SPRR2A	22.7	17.59	3.09	6.47	0.784388186	1.826394186	-0.173898	0.433466	No
ATP5PO	0.94	1.25	3.98	5.72	1.159793814	1.349932311	0	0.198157	No
PLEKHO2	0.41	1.83	<0.1	NA	2.007092199	NA	0	NA	No
C8orf58	0.52	0.43	<0.1	NA	0.940789474	NA	0	NA	No
PISD	35.84	41.01	<0.1	NA	1.140336591	NA	0.0730239	NA	No
AC079944.2	0.41	0.55	1.04	1.27	1.09929078	1.113325418	0	0	No
RPL13P4	1.89	1.59	<0.1	NA	0.896193772	NA	0	NA	No
RPS20P4	10	10.48	<0.1	NA	1.043636364	NA	0	NA	No
HOGA1	0.32	0.4	<0.1	NA	1.060606061	NA	0	NA	No
PI4KA	0.23	0	0.78	0.94	0.81300813	1.089993496	0	0	No
ELOCP19	0.23	0.18	0.90	0.59	0.959349593	0.838769385	0	0	No
RN7SL566P	22.88	23.38	202.89	210.28	1.020938023	1.036242266	0	-0.036355	No
PRR34-AS1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AF186996.2	3	2.43	<0.1	NA	0.8575	NA	0	NA	No
HYPK	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
RPL10P7	0.53	0.42	<0.1	NA	0.928104575	NA	0	NA	No
RPL7AP6	11.26	13.27	62.38	64.37	1.163947798	1.031468851	0.0177332	0	No
AC084864.1	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
RPL7AP31	1.07	0.81	<0.1	NA	0.874396135	NA	0	NA	No
RPS20P33	0.47	0.65	<0.1	NA	1.12244898	NA	0	NA	No
MUC20-OT1	0.22	0.12	1.38	2.03	0.918032787	1.275019425	0	0	No
AMACR	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
MTFP1	1.58	0.08	<0.1	NA	0.418604651	NA	-1.46719	NA	No
SNHG3	9.16	7.9	<0.1	NA	0.875984252	NA	-0.0016052	NA	No

AC093904.2	1.32	4.23	17.53	19.15	2.254310345	1.087168652	1.28171	0	No
LASTR	0.76	2.03	3.97	4.39	1.721590909	1.085463131	0.853456	0	No
ARHGDI6	16.68	19.91	25.29	26.50	1.182692308	1.045904325	0.139968	0	No
CRYZL2P	0.15	0.22	<0.1	NA	1.060869565	NA	0	NA	No
AC022336.1	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
ARFGAP3	0.3	0	<0.1	NA	0.769230769	NA	0	NA	No
BGLAP	0.52	0.57	<0.1	NA	1.032894737	NA	0	NA	No
C22orf39	4.81	6.46	22.25	22.61	1.283993115	1.015440425	0.287741	-0.0391607	No
PEG10	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
STAG3L5P	0.18	0.72	<0.1	NA	1.457627119	NA	0	NA	No
AC073861.1	4.3	2.74	1.86	1.65	0.705660377	0.92639612	-0.0834853	-0.085371	No
RPS12P31	0.72	0.36	<0.1	NA	0.790697674	NA	0	NA	No
INHCAP	0.19	0.21	15.00	19.66	1.016806723	1.291210121	0	0.052605	No
FAM91A3P	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
EIF6	41.38	23.13	<0.1	NA	0.569372345	NA	-0.614487	NA	No
AL590705.3	0.88	0.53	<0.1	NA	0.813829787	NA	0	NA	No
AC096536.2	0.2	0.47	<0.1	NA	1.225	NA	0	NA	No
RPL7AP11	0.15	0.3	<0.1	NA	1.130434783	NA	0	NA	No
AC093627.5	3.64	3.23	<0.1	NA	0.911637931	NA	-0.0327729	NA	No
MRPL20	2.76	3.11	4.31	5.18	1.093085106	1.16319724	0	0	No
ARPIN	13.36	9.19	54.10	51.32	0.709610028	0.949605804	-0.278597	-0.0952155	No
LINC00960	5.6	2.44	28.64	23.30	0.521212121	0.819680038	-0.903245	-0.348988	No
AC083798.1	3.27	4.9	<0.1	NA	1.381733021	NA	0	NA	No
AP001432.1	0.48	0.9	<0.1	NA	1.283783784	NA	0.292873	NA	No
DCAF13P1	0.35	1.1	<0.1	NA	1.555555556	NA	0.480426	NA	No
HLA-DMB	0.58	0.67	<0.1	NA	1.056962025	NA	0	NA	No
AC108010.1	0.48	0	<0.1	NA	0.675675676	NA	0	NA	No
AC093627.6	20.06	18.91	12.30	13.35	0.945394112	1.078608394	0	0	No
DECR2	0.44	0.22	1.04	2.05	0.847222222	1.497347133	0	0	No
GNG10	10.08	8.3	10.79	10.91	0.839350181	1.010448279	-0.142488	0	No
AC092910.3	7.9	9.96	<0.1	NA	1.231460674	NA	0.191135	NA	No
CNTF	1.53	2.8	4.51	4.26	1.501976285	0.954245379	0.412459	0	No
FAM86LP	32.61	29.2	<0.1	NA	0.898542101	NA	0	NA	No
RTL5	0.81	0.94	<0.1	NA	1.071823204	NA	0	NA	No
RHOT1P3	0.12	0.09	<0.1	NA	0.973214286	NA	0	NA	No
D200R1L-AS	0.21	0.08	<0.1	NA	0.892561983	NA	0	NA	No
AC121764.3	165.73	150.7	92.85	97.20	0.909854255	1.046387343	-0.0689238	0	No
ZNF702P	0.11	0.34	<0.1	NA	1.207207207	NA	0	NA	No

AC073842.2	0.37	2.04	<0.1	NA	2.218978102	NA	0.484787	NA	No
AP5Z1	0.2	0.13	<0.1	NA	0.941666667	NA	0	NA	No
AL591895.1	0.83	0.84	<0.1	NA	1.005464481	NA	0	NA	No
FTTH1P23	22.95	20.57	114.53	123.99	0.900626305	1.081841876	-0.0164349	0	No
AC012158.1	4.21	3.64	<0.1	NA	0.89059501	NA	-0.0208396	NA	No
EIF4EBP3	0.74	0.61	10.99	10.61	0.925287356	0.968493585	0	0	No
AC107032.1	0.82	0	<0.1	NA	0.549450549	NA	0	NA	No
AC092943.1	0.21	0.51	<0.1	NA	1.247933884	NA	0	NA	No
PSG4	0.2	0.08	<0.1	NA	0.9	NA	0	NA	No
RPL23AP66	2.17	3.17	<0.1	NA	1.315457413	NA	0	NA	No
MRPL33	0.16	0.39	<0.1	NA	1.198275862	NA	0	NA	No
AL162431.1	2.28	4.78	18.90	20.25	1.762195122	1.067902334	0.757766	0	No
MICAL3	30.89	30.63	17.37	16.30	0.991846974	0.941726423	0	-0.0498851	No
AC092944.1	1.77	2.71	<0.1	NA	1.339350181	NA	0.198953	NA	No
AC115223.1	0.13	0.63	<0.1	NA	1.442477876	NA	0	NA	No
PAN-P2RY1	0.25	1.16	<0.1	NA	1.728	NA	1.46858	NA	No
AC006252.1	0.81	0	<0.1	NA	0.552486188	NA	0	NA	No
AC073130.2	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
PRAF2	0.28	0.14	<0.1	NA	0.890625	NA	0	NA	No
AGAP13P	0.9	5.31	<0.1	NA	3.321052632	NA	2.21286	NA	No
AC018638.4	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
STMP1	6.88	9.57	27.14	26.63	1.341370558	0.981784746	0.342045	-0.0832234	No
KCTD7	3.53	2.92	<0.1	NA	0.865342163	NA	0	NA	No
RN7SL738P	0.49	0.39	<0.1	NA	0.932885906	NA	0	NA	No
EFNA4	0.25	0.35	<0.1	NA	1.08	NA	0	NA	No
MCCC1-AS1	0.85	10.4	6.55	8.39	6.162162162	1.244366872	2.48812	0	No
RPS3AP18	0.22	0.11	<0.1	NA	0.909836066	NA	0	NA	No
OR7E29P	0.18	0.55	<0.1	NA	1.313559322	NA	0	NA	No
AC010973.1	0.12	1.95	<0.1	NA	2.633928571	NA	3.12287	NA	No
C4orf48	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
NAA80	13.82	11.36	78.10	77.31	0.834008097	0.990016328	-0.0315718	-0.0334596	No
MNX1-AS1	0.11	0.11	<0.1	NA	1	NA	0	NA	No
AC082651.3	2.24	2.88	4.33	4.73	1.197530864	1.075189411	0.218301	0	No
UBA52P5	0.17	0.27	<0.1	NA	1.085470085	NA	0	NA	No
AC024940.2	13.4	11.48	<0.1	NA	0.866666667	NA	0	NA	No
AC079804.2	0.12	0.52	13.89	13.87	1.357142857	0.998611048	0.357891	-0.133626	No
HNRNPKP4	1.75	2.38	<0.1	NA	1.229090909	NA	0	NA	No
AC004967.1	0.35	0.7	<0.1	NA	1.259259259	NA	0	NA	No

UPK3B	1.74	4.82	5.78	6.34	2.124087591	1.082774472	0.944928	0	No
LINC00880	0.29	0.15	<0.1	NA	0.891472868	NA	0	NA	No
IL10RB	5.9	7.38	<0.1	NA	1.214492754	NA	0	NA	No
AC109454.1	5.54	4.86	<0.1	NA	0.896024465	NA	0	NA	No
CFB	2.19	2.69	1.28	2.27	1.156739812	1.43277104	0.0394811	0.448111	No
ZNF487	0.36	0.36	<0.1	NA	1	NA	0	NA	No
WDR92	6.25	5.18	4.13	5.14	0.852413793	1.197106432	0	0.00573406	No
NME2	0.49	0.14	<0.1	NA	0.765100671	NA	0	NA	No
AC018638.5	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
AC009108.1	0.18	0.06	<0.1	NA	0.898305085	NA	0	NA	No
DUBR	0.52	0.42	<0.1	NA	0.934210526	NA	0	NA	No
CFAP57	48.71	31.15	40.02	44.99	0.646751157	1.121052048	-0.403258	0	No
NP1PB5	11.46	7.49	<0.1	NA	0.681380417	NA	-0.368376	NA	No
TTC4	8.17	9.03	1.67	1.34	1.093784079	0.876570623	0	0	No
RPLP0P2	1.13	0.27	<0.1	NA	0.596244131	NA	-0.670214	NA	No
TMEM35B	0.76	0	<0.1	NA	0.568181818	NA	0	NA	No
HLA-L	0.53	0.18	<0.1	NA	0.77124183	NA	0	NA	No
JMJD7	0.27	0.27	<0.1	NA	1	NA	0	NA	No
RN7SL832P	2.24	2.74	<0.1	NA	1.154320988	NA	0	NA	No
RPL12P6	0.36	0.36	<0.1	NA	1	NA	0	NA	No
RN7SL67P	29.52	40.07	0.22	0.35	1.345674967	1.103408609	0.325326	0	No
OR2A7	0.34	0.6	<0.1	NA	1.194029851	NA	0	NA	No
ELFN2	0.11	0.43	<0.1	NA	1.288288288	NA	0	NA	No
TIPARP-AS1	15.01	5.99	0.20	0.29	0.436602124	1.075459808	-1.15222	0	No
MRPS6	0.54	0.74	0.48	0.27	1.12987013	0.86015299	0	0	No
ZNF512	0.35	0.37	9.74	10.02	1.014814815	1.026148341	0	0	No
AL390195.1	206.15	143.92	496.30	469.10	0.699589669	0.945309874	-0.465151	-0.154369	No
RPL23AP65	3.12	4.67	<0.1	NA	1.376213592	NA	0	NA	No
ACY1	0.13	0.07	<0.1	NA	0.946902655	NA	0	NA	No
NFS1	0.35	0.41	<0.1	NA	1.044444444	NA	0	NA	No
B3GAT3P1	0.13	0.55	<0.1	NA	1.371681416	NA	1.05003	NA	No
FAM86DP	1.13	1.45	1.17	1.07	1.150234742	0.952432155	0.0573801	-0.0458072	No
AC073320.1	1.62	1.3	7.11	6.80	0.877862595	0.962337024	0	0	No
DDOST	0.12	2.04	<0.1	NA	2.714285714	NA	2.67917	NA	No
LINC01011	7.31	8.22	<0.1	NA	1.109506619	NA	0	NA	No
TMEM199	0.59	1.03	0.18	0.13	1.27672956	0.959393086	0.259612	0	No
AC110749.1	0.49	0.3	7.88	9.91	0.872483221	1.228857661	0	0	No
SPRR2F	0.12	0.21	<0.1	NA	1.080357143	NA	0	NA	No

PDCL3P4	4.19	3.65	<0.1	NA	0.895953757	NA	0	NA	No
AC128688.1	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AC010973.2	0.3	0.72	<0.1	NA	1.323076923	NA	0.033366	NA	No
FLNB-AS1	0.18	0.08	0.10	0.39	0.915254237	1.263187222	0	1.10488	No
P2RY11	0.97	0.61	0.34	0.40	0.817258883	1.04492461	0	0	No
PBX2P1	2.97	3.35	30.84	41.27	1.095717884	1.327689452	0	0.182751	No
AC091153.3	2.55	3.52	10.55	11.50	1.273239437	1.082402966	0.160543	0	No
TMEM141	0.37	0.56	<0.1	NA	1.138686131	NA	0	NA	No
RHGEF35-AS	0.57	0.23	<0.1	NA	0.78343949	NA	0	NA	No
TMEM225B	2.67	3.46	17.19	16.35	1.215258856	0.95355464	0.0828315	0	No
RN7SL151P	11.62	9.97	15.36	15.02	0.869255151	0.979217163	-0.0838016	0	No
AC007009.1	0.46	0.2	<0.1	NA	0.821917808	NA	0	NA	No
IFITM10	3.23	3.21	3.86	3.41	0.995271868	0.90767593	0	-0.0035024	No
RN7SL130P	0.28	0.17	<0.1	NA	0.9140625	NA	0	NA	No
RPL34P22	127.57	94.67	274.42	253.97	0.744108268	0.925756078	-0.366529	-0.197835	No
AC117394.2	0.46	0.19	0.35	0.40	0.815068493	1.035949685	0	0	No
DBNDD2	3.33	3.55	8.74	10.35	1.050808314	1.164801743	0	0	No
ECEL1P2	0.9	2.09	<0.1	NA	1.626315789	NA	0	NA	No
GATA2-AS1	0.24	0	<0.1	NA	0.806451613	NA	0	NA	No
DUXAP10	0.59	1.11	0.73	0.88	1.327044025	1.08671114	0	0	No
AC093904.3	0.21	0.51	<0.1	NA	1.247933884	NA	0	NA	No
AC024293.1	0.7	0.61	<0.1	NA	0.947058824	NA	0	NA	No
AL662791.1	0.55	0.36	<0.1	NA	0.877419355	NA	0	NA	No
RPL7P23	2.62	2.42	6.89	6.64	0.944751381	0.96881253	0	-0.178188	No
AC116533.1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
ETV5	0.45	0.79	<0.1	NA	1.234482759	NA	0	NA	No
RN7SL268P	75.1	62.22	43.38	37.42	0.830749014	0.865764736	-0.163578	-0.22591	No
AC147067.1	0.29	0.46	<0.1	NA	1.131782946	NA	0.0697515	NA	No
RBM12	0.37	0.52	<0.1	NA	1.109489051	NA	0	NA	No
AC093001.1	0.76	0	<0.1	NA	0.568181818	NA	0	NA	No
OR2A1-AS1	0.25	0	<0.1	NA	0.8	NA	0	NA	No
SCARF2	0.69	0.28	1.80	2.43	0.75739645	1.224405701	-0.528685	0	No
RWDD4P1	0.53	0.7	<0.1	NA	1.111111111	NA	0	NA	No
AL021707.5	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
RN7SL623P	0.66	1.16	<0.1	NA	1.301204819	NA	0	NA	No
4DAC11-AS1	7.66	9.35	4.23	5.81	1.195150115	1.30187843	0.060677	0.0991194	No
APOBEC3C	0.16	3.72	<0.1	NA	4.068965517	NA	2.90245	NA	No
KRT18P34	19.53	25.97	13.45	13.29	1.313687287	0.989148176	0.275447	0	No

SEPTIN14P2	0.63	0.6	0.24	0.17	0.981595092	0.943640187	0	0	No
LINC01213	0.13	0.18	<0.1	NA	1.044247788	NA	0	NA	No
ODCP	112.61	91.89	<0.1	NA	0.817621688	NA	-0.138855	NA	No
KCNK15-AS1	4.05	1.52	<0.1	NA	0.499009901	NA	0	NA	No
AC004890.2	0.72	0.29	<0.1	NA	0.75	NA	0	NA	No
WNT5A-AS1	550.75	419.04	<0.1	NA	0.761286815	NA	-0.3056	NA	No
ASPRV1	19.98	16.83	8.12	8.35	0.849857007	1.02506177	-0.140631	-0.0007249	No
MIATNB	0.36	0.18	<0.1	NA	0.867647059	NA	0	NA	No
TPTEP2	1.48	1.94	<0.1	NA	1.185483871	NA	0	NA	No
AC108676.1	12.15	13.44	10.27	11.97	1.098098859	1.150476114	0.0272979	0.00442171	No
UBE2V1	7.76	199.15	<0.1	NA	22.84817352	NA	4.30382	NA	No
AC004918.1	0.27	0.57	0.16	0.54	1.236220472	1.325775497	0	0	No
BX679664.3	0.78	1.29	2.01	1.96	1.286516854	0.982063914	0.138575	0	No
C4A	0.95	0.57	<0.1	NA	0.805128205	NA	0	NA	No
N4BP2L2	0.93	0.12	<0.1	NA	0.580310881	NA	-0.0100004	NA	No
GABPB1-AS1	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
AL449212.1	0.42	0.41	0.61	0.00	0.992957746	0.621118012	0	-0.666313	No
RUFY1-AS1	0.21	0.63	<0.1	NA	1.347107438	NA	0	NA	No
AC123768.1	0.58	0	<0.1	NA	0.632911392	NA	0	NA	No
AC100803.2	1.03	1.43	<0.1	NA	1.197044335	NA	0	NA	No
LINC02453	0.23	0.26	<0.1	NA	1.024390244	NA	0	NA	No
LINC00847	0.53	0.6	<0.1	NA	1.045751634	NA	0	NA	No
MARCA5-AS	1.15	1.52	<0.1	NA	1.172093023	NA	0	NA	No
MALINC1	0.11	0.43	<0.1	NA	1.288288288	NA	0	NA	No
RNF139-AS1	0.47	1.1	<0.1	NA	1.428571429	NA	0.338619	NA	No
AP001107.1	0.33	0.38	0.98	1.00	1.037593985	1.009264733	0	0	No
AC105285.1	1.76	1.89	<0.1	NA	1.047101449	NA	0	NA	No
USP2-AS1	0.14	3.74	<0.1	NA	4.157894737	NA	3.29054	NA	No
SAP30L-AS1	4.62	4.22	25.36	24.67	0.928825623	0.973729054	0	-0.0847767	No
AC008393.1	0.56	0.14	<0.1	NA	0.730769231	NA	0	NA	No
LINC02709	136.49	111.61	<0.1	NA	0.819041385	NA	-0.157541	NA	No
NEAT1	0.22	0.3	0.13	0.15	1.06557377	1.017742303	0	0	No
RORA-AS1	1.45	1.67	16.21	18.35	1.089795918	1.124068237	0.008859	0	No
AP000787.1	0.19	0.45	6.18	4.68	1.218487395	0.790883283	0.750049	-0.366307	No
SCAMP1-AS1	1.34	3.51	<0.1	NA	1.927350427	NA	0.251636	NA	No
FAM111A-DT	0.11	0.08	<0.1	NA	0.972972973	NA	0	NA	No
DDX11-AS1	0.22	0.15	<0.1	NA	0.942622951	NA	0	NA	No
AC022075.1	0.62	2.01	<0.1	NA	1.858024691	NA	0.753208	NA	No

<i>ZNF585B</i>	0.39	0.14	<0.1	NA	0.820143885	NA	0	NA	No
<i>CRNDE</i>	0.59	1.53	28.72	27.62	1.591194969	0.962948951	0.905344	-0.116327	No
<i>NADK2-AS1</i>	2.6	5.03	12.86	10.82	1.675	0.853158133	0.346235	-0.307377	No
<i>AC097382.2</i>	0.6	1.03	<0.1	NA	1.26875	NA	0.310763	NA	No
<i>CEBPA</i>	0.53	0.61	0.19	0.32	1.052287582	1.105648396	0	0	No
<i>RAD51-AS1</i>	0.36	0.4	<0.1	NA	1.029411765	NA	0	NA	No
<i>NSMCE1-D7</i>	0.87	1.32	<0.1	NA	1.240641711	NA	0.217224	NA	No
<i>AC025164.1</i>	0.13	0.38	1.60	1.94	1.221238938	1.129542586	0.789258	0	No
<i>SNHG6</i>	0.19	0.19	0.24	0.34	1	1.080028494	0	0	No
<i>LINC01184</i>	1.4	2.2	<0.1	NA	1.333333333	NA	0	NA	No
<i>LINC02273</i>	0.3	0.47	<0.1	NA	1.130769231	NA	0	NA	No
<i>AC093752.1</i>	6.57	7.24	7.69	12.73	1.088507266	1.57968681	0.0520323	0.529146	No
<i>AP003352.1</i>	0.15	0.12	0.50	0.44	0.973913043	0.962562031	0	0	No
<i>AC090515.2</i>	0.12	0.1	<0.1	NA	0.982142857	NA	0	NA	No
<i>RAB30-DT</i>	0.9	1.08	1.89	2.33	1.094736842	1.152551913	0	0	No
<i>AC016065.1</i>	5.02	4.82	<0.1	NA	0.966777409	NA	0	NA	No
<i>KCTD21-AS1</i>	0.92	0.75	0.76	0.65	0.911458333	0.93830228	0	0	No
<i>AL353807.3</i>	0.31	0.26	<0.1	NA	0.961832061	NA	0	NA	No
<i>LINC01550</i>	0.65	1.12	1.31	1.16	1.284848485	0.936606408	0.340561	0	No
<i>CASC8</i>	0.73	0.86	17.54	18.83	1.075144509	1.069399833	0	0	No
<i>UBR5-AS1</i>	0.37	0.15	<0.1	NA	0.839416058	NA	0	NA	No
<i>SBF2-AS1</i>	0.12	0.06	<0.1	NA	0.946428571	NA	0	NA	No
<i>AC113382.1</i>	2.43	9.09	379.61	313.67	2.941690962	0.826743828	1.56171	-0.40451	No
<i>PRR7-AS1</i>	1.12	1.95	0.68	0.85	1.391509434	1.102276431	0.257831	0	No
<i>AL049840.2</i>	0.16	0.13	<0.1	NA	0.974137931	NA	0	NA	No
<i>AC138904.1</i>	0.14	0.15	<0.1	NA	1.00877193	NA	0	NA	No
<i>FZD4-DT</i>	50.12	29.25	456.46	462.39	0.591744914	1.012958118	-0.615562	-0.0347234	No
<i>LINC02481</i>	1.11	0.96	1.88	1.98	0.928909953	1.035061861	0	0	No
<i>UBE2D3-AS1</i>	0.15	0.27	<0.1	NA	1.104347826	NA	0	NA	No
<i>AC093162.1</i>	2.07	2.1	<0.1	NA	1.009771987	NA	0	NA	No
<i>AC100861.1</i>	0.56	0.32	<0.1	NA	0.846153846	NA	0	NA	No
<i>AC139795.1</i>	0.46	0.77	<0.1	NA	1.212328767	NA	0	NA	No
<i>PICART1</i>	0.48	1.02	<0.1	NA	1.364864865	NA	0.572236	NA	No
<i>RASSF8-AS1</i>	1.29	1.4	<0.1	NA	1.048034934	NA	0	NA	No
<i>H2AJ</i>	0.29	0.55	0.81	1.13	1.201550388	1.175498384	0.0885002	0	No
<i>AC044802.1</i>	0.13	0.28	<0.1	NA	1.132743363	NA	0	NA	No
<i>AP000487.1</i>	0.12	0.14	<0.1	NA	1.017857143	NA	0	NA	No
<i>LINC00920</i>	0.84	1.28	0.26	0.13	1.239130435	0.897136146	0	0	No

UBAP1L	0.17	0.29	0.76	0.75	1.102564103	0.996221016	0	0	No
Z84485.1	0.62	1.37	1.29	1.43	1.462962963	1.060303741	0.628974	0	No
PGAM5	0.43	0.09	<0.1	NA	0.762237762	NA	0	NA	No
SNHG10	1.41	1.32	0.35	0.60	0.962655602	1.188342916	0	0	No
MIR210HG	0.95	2.05	<0.1	NA	1.564102564	NA	0.308554	NA	No
AC009126.1	0.37	0.56	<0.1	NA	1.138686131	NA	0	NA	No
AC090204.1	0.19	0.24	<0.1	NA	1.042016807	NA	0	NA	No
AP000873.2	0.56	0.94	<0.1	NA	1.243589744	NA	0	NA	No
CSTF3-DT	0.42	1.15	<0.1	NA	1.514084507	NA	0	NA	No
UBL7-AS1	4.33	2.88	<0.1	NA	0.727954972	NA	0	NA	No
ZBED5-AS1	3.43	3.24	<0.1	NA	0.957110609	NA	0	NA	No
AL359220.1	0.65	1.03	<0.1	NA	1.23030303	NA	0	NA	No
ZCCHC3	7.7	7.17	<0.1	NA	0.93908046	NA	0	NA	No
LY6E-DT	0.18	0.57	0.75	0.79	1.330508475	1.023876407	1.0091	0	No
AC008897.2	49.73	25.03	<0.1	NA	0.513108614	NA	-0.886943	NA	No
TMED2-DT	0.17	0.15	<0.1	NA	0.982905983	NA	0	NA	No
DNAJC3-DT	0.69	1.47	<0.1	NA	1.461538462	NA	0.448719	NA	No
MIR4458HG	1.72	1.82	1.07	1.23	1.036764706	1.076085155	0	0	No
OIP5-AS1	0.12	0.11	1.75	1.58	0.991071429	0.938951659	0	0	No
CKMT2-AS1	0.61	1.19	<0.1	NA	1.360248447	NA	0.0753663	NA	No
SPTY2D1OS	20.64	26.15	47.04	47.60	1.254621072	1.01163448	0.226083	-0.0389688	No
TWF2	3.09	2.29	8.78	7.11	0.804400978	0.829236167	-0.14242	-0.262994	No
MARS2	1.06	1.08	4.20	1.68	1.009708738	0.515237883	0	-1.09538	No
LRP4-AS1	0.2	0.47	<0.1	NA	1.225	NA	0.211545	NA	No
AC139795.2	0.96	0.45	<0.1	NA	0.739795918	NA	-0.0410387	NA	No
AC091057.3	0.31	0.66	<0.1	NA	1.267175573	NA	0.170288	NA	No
AC120114.1	0.16	0.23	<0.1	NA	1.060344828	NA	0	NA	No
AC008966.1	0.6	1.28	6.90	6.71	1.425	0.97571609	0.461609	0	No
VEM161B-AS1	1.8	2.17	4.85	7.00	1.132142857	1.366669106	0	0.146525	No
SEC24B-AS1	0.12	0.13	<0.1	NA	1.008928571	NA	0	NA	No
NRAV	14.96	17.97	43.18	38.19	1.188596491	0.8869861	0.100924	-0.248209	No
RHGAP42-AS1	2.5	2.34	<0.1	NA	0.954285714	NA	0	NA	No
UBA6-AS1	0.2	0.2	<0.1	NA	1	NA	0	NA	No
NNT-AS1	0.46	0.3	<0.1	NA	0.890410959	NA	0	NA	No
BCKDHA	2.29	2.3	<0.1	NA	1.003039514	NA	0	NA	No
INSL3	0.46	0.44	<0.1	NA	0.98630137	NA	0	NA	No
AC008443.2	4.31	4.68	34.53	33.96	1.069679849	0.983939076	0	-0.0380922	No
LINC01019	0.65	0.88	0.73	0.76	1.139393939	1.01816322	0.00321632	0	No

SMURF2P1	0.19	0.14	<0.1	NA	0.957983193	NA	0	NA	No
RRN3P1	54.02	35.24	119.23	113.86	0.658669575	0.955317439	-0.48842	-0.123859	No
AC091849.1	6.02	6.23	7.53	6.74	1.02991453	0.907602454	0	-0.145302	No
AC098487.1	0.2	0.23	<0.1	NA	1.025	NA	0	NA	No
RIM39-RPP2	1.66	1.44	<0.1	NA	0.917293233	NA	0	NA	No
LINC02438	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
LINC02014	1.76	4.39	<0.1	NA	1.952898551	NA	0.803479	NA	No
AC010307.2	0.55	0.6	<0.1	NA	1.032258065	NA	0	NA	No
OCIAD1-AS1	0.13	0.19	10.75	11.56	1.053097345	1.06917066	0.100351	0	No
TRIM52-AS1	0.14	0.12	0.32	0.21	0.98245614	0.918702067	0	0	No
SUMO2P17	1.35	1.93	1.87	2.20	1.246808511	1.114834645	0.0873686	0	No
LUCAT1	0.17	0.4	<0.1	NA	1.196581197	NA	0	NA	No
CDK11B	0.38	0.62	3.08	4.42	1.173913043	1.328899593	0.27695	0.188085	No
AC008610.1	2.22	4.05	4.39	6.16	1.568322981	1.328469004	0.623787	0.108399	No
LINC02434	4.77	3.61	110.76	81.38	0.798960139	0.73708234	-0.044871	-0.498534	No
AC093801.1	0.39	2.43	<0.1	NA	2.467625899	NA	0.694771	NA	No
AM198B-AS	7	7.79	<0.1	NA	1.09875	NA	0	NA	No
AC107027.1	0.19	0.75	<0.1	NA	1.470588235	NA	0	NA	No
BACH1-IT1	0.27	0.22	4.22	4.21	0.960629921	0.997352641	0	0	No
PCP4L1	13.7	13.24	<0.1	NA	0.968707483	NA	0	NA	No
ABHD14A	3.56	2.15	<0.1	NA	0.690789474	NA	-0.056988	NA	No
LINC02062	0.22	0	1.02	1.27	0.819672131	1.122004807	0	0	No
LNK1-AS2	0.35	0.18	<0.1	NA	0.874074074	NA	0	NA	No
SRP14-AS1	2.77	1.65	<0.1	NA	0.702917772	NA	0	NA	No
AC008443.3	0.2	0.13	<0.1	NA	0.941666667	NA	0	NA	No
MTATP6P1	0.4	0	<0.1	NA	0.714285714	NA	0	NA	No
C5orf34-AS1	18.63	12.36	11.93	8.88	0.680590932	0.763918901	-0.372111	-0.167329	No
AC024558.1	0.42	0.77	<0.1	NA	1.246478873	NA	0	NA	No
AC026410.3	0.21	0.25	0.23	0.34	1.033057851	1.091908102	0	0	No
MATE-MUS7	11.48	21.17	27.17	30.00	1.776442308	1.100509824	0.731089	0	No
DSTNP2	10.07	5.16	<0.1	NA	0.556458898	NA	-0.299822	NA	No
AC117422.1	7.54	7.75	<0.1	NA	1.024590164	NA	0	NA	No
HMGA1P2	0.14	0.14	<0.1	NA	1	NA	0	NA	No
RBM14-RBM	0.48	0.52	<0.1	NA	1.027027027	NA	0	NA	No
OXCT1-AS1	0.12	0.12	<0.1	NA	1	NA	0	NA	No
LINC02100	0.2	0.13	<0.1	NA	0.941666667	NA	0	NA	No
CCDC153	0.11	1.33	0.32	0.57	2.099099099	1.190715866	1.49426	0	No
LINC01948	1.89	3.12	9.60	9.05	1.425605536	0.947858123	0.263439	-0.0365496	No

AC008906.1	0.43	0.13	<0.1	NA	0.79020979	NA	0	NA	No
AC004997.1	0.36	0.24	<0.1	NA	0.911764706	NA	0	NA	No
AC097534.1	0.43	1.23	1.11	1.73	1.559440559	1.295203803	0.909292	0.134401	No
ARL4AP2	0.12	0.82	<0.1	NA	1.625	NA	0	NA	No
AC092903.2	45.22	77.55	<0.1	NA	1.699480744	NA	0.602626	NA	No
AC026436.1	0.65	3.92	<0.1	NA	2.981818182	NA	0.982271	NA	No
LINC02065	0.4	0.61	<0.1	NA	1.15	NA	0	NA	No
USP46-DT	2.63	2.97	<0.1	NA	1.093663912	NA	0	NA	No
SERBP1P6	0.51	0.6	<0.1	NA	1.059602649	NA	0	NA	No
AC010280.2	1.31	1.26	2.05	2.39	0.978354978	1.112984376	0	0	No
FMN1	0.56	3.24	<0.1	NA	2.717948718	NA	0.558135	NA	No
AC021087.1	0.66	2.47	<0.1	NA	2.090361446	NA	0	NA	No
AC046134.2	0.75	0.99	9.24	9.14	1.137142857	0.990523409	0	0	No
AC027607.1	0.75	0.67	1.67	2.09	0.954285714	1.158500374	0	0	No
AC027801.2	3.59	4.71	<0.1	NA	1.244008715	NA	0	NA	No
AC012640.1	0.5	1.11	1.81	1.99	1.406666667	1.064163189	0.327262	0	No
KRT8P46	0.19	0.38	<0.1	NA	1.159663866	NA	0.230855	NA	No
AC145098.1	0.32	0	<0.1	NA	0.757575758	NA	0	NA	No
AL691482.3	0.13	0.08	<0.1	NA	0.955752212	NA	0	NA	No
HMG2N2P4	0.31	0.2	<0.1	NA	0.916030534	NA	0	NA	No
AC008771.1	0.18	0.18	<0.1	NA	1	NA	0	NA	No
C5orf66-AS1	0.52	0.67	<0.1	NA	1.098684211	NA	0	NA	No
AC027627.1	0.4	0.59	<0.1	NA	1.135714286	NA	0	NA	No
AC035140.1	0.47	0.83	<0.1	NA	1.244897959	NA	0	NA	No
ZNF436-AS1	0.56	0.71	<0.1	NA	1.096153846	NA	0	NA	No
HAUS5	0.11	0.06	<0.1	NA	0.954954955	NA	0	NA	No
IRX4-AS1	0.13	0.13	<0.1	NA	1	NA	0	NA	No
SUDS3P1	0.57	0.77	0.10	0.14	1.127388535	1.039013734	0.144131	0	No
SLED1	0.61	1.23	<0.1	NA	1.385093168	NA	0	NA	No
AC105389.2	0.16	0.1	<0.1	NA	0.948275862	NA	0	NA	No
AC110373.1	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
PDLIM1P4	0.32	0.35	<0.1	NA	1.022727273	NA	0	NA	No
AMD1P3	0.23	1.71	<0.1	NA	2.203252033	NA	0.754956	NA	No
UGDH-AS1	0.52	0.34	<0.1	NA	0.881578947	NA	0	NA	No
NPM1P27	0.49	0.37	<0.1	NA	0.919463087	NA	0	NA	No
IL20RB-AS1	2	0.87	<0.1	NA	0.623333333	NA	-0.214842	NA	No
AL731577.2	0.84	0.28	<0.1	NA	0.695652174	NA	0	NA	No
ZNF324B	0.76	0.49	<0.1	NA	0.846590909	NA	-0.146211	NA	No

<i>RBBP4P1</i>	4.82	4.5	<0.1	NA	0.945017182	NA	0	NA	No
<i>AC114956.2</i>	0.14	0.28	<0.1	NA	1.122807018	NA	0	NA	No
<i>INKRD20A18</i>	0.33	0	<0.1	NA	0.751879699	NA	0	NA	No
<i>AC006160.1</i>	1.56	1.2	0.86	0.60	0.859375	0.862071589	0	-0.0957698	No
<i>EUROG2-AS</i>	11.08	11.91	19.97	21.76	1.068708609	1.085556671	0	0	No
<i>AC008667.1</i>	0.25	1.13	<0.1	NA	1.704	NA	0	NA	No
<i>MIR302CHG</i>	3.32	3.87	<0.1	NA	1.127314815	NA	0	NA	No
<i>LINC01234</i>	0.14	0.28	<0.1	NA	1.122807018	NA	0	NA	No
<i>SERBP1P5</i>	0.25	0	<0.1	NA	0.8	NA	0	NA	No
<i>AC034231.1</i>	0.12	0	<0.1	NA	0.892857143	NA	-0.0100004	NA	No
<i>AC139887.2</i>	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
<i>AL589765.4</i>	0.32	0.32	<0.1	NA	1	NA	0	NA	No
<i>AC024560.2</i>	0.75	0.71	0.62	0.63	0.977142857	1.008991103	0	0	No
<i>LINC00942</i>	48.05	34.48	<0.1	NA	0.723343527	NA	-0.288778	NA	No
<i>AC008438.1</i>	0.29	0.38	<0.1	NA	1.069767442	NA	0	NA	No
<i>HOXC13-AS</i>	11.66	18.67	<0.1	NA	1.55371248	NA	0.292077	NA	No
<i>NOP14-AS1</i>	2.99	3.16	2.61	2.24	1.042606516	0.898252358	0	-0.0647	No
<i>AC106897.1</i>	0.88	1.88	<0.1	NA	1.531914894	NA	0.224055	NA	No
<i>AC079921.2</i>	0.47	0.49	<0.1	NA	1.013605442	NA	0	NA	No
<i>ZNF564</i>	0.33	0.22	<0.1	NA	0.917293233	NA	0	NA	No
<i>OSMR-AS1</i>	0.13	0.25	<0.1	NA	1.10619469	NA	0	NA	No
<i>ENPP7P10</i>	0.22	0.17	<0.1	NA	0.959016393	NA	0	NA	No
<i>AC092647.5</i>	0.28	0.09	<0.1	NA	0.8515625	NA	0	NA	No
<i>AC139720.1</i>	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
<i>AC011330.1</i>	1.91	2.51	<0.1	NA	1.206185567	NA	0.181246	NA	No
<i>KRT18P31</i>	6.93	10.22	<0.1	NA	1.414880202	NA	0.210783	NA	No
<i>AC145676.1</i>	2.19	2.98	<0.1	NA	1.247648903	NA	0	NA	No
<i>EEF1A1P19</i>	0.63	0.69	<0.1	NA	1.036809816	NA	0	NA	No
<i>AC116337.3</i>	2.24	1.4	<0.1	NA	0.740740741	NA	0	NA	No
<i>PVT1</i>	0.61	0.54	<0.1	NA	0.956521739	NA	0	NA	No
<i>AC021106.1</i>	0.12	1.38	<0.1	NA	2.125	NA	1.78838	NA	No
<i>LINC02742</i>	2.23	1.03	<0.1	NA	0.628482972	NA	-0.193523	NA	No
<i>VF103-CHM</i>	4.75	7.4	<0.1	NA	1.460869565	NA	0.256714	NA	No
<i>MCPH1-AS1</i>	0.96	2	3.18	2.99	1.530612245	0.954027077	0.729843	0	No
<i>AC025180.1</i>	0.12	0.07	<0.1	NA	0.955357143	NA	0	NA	No
<i>PDCD6</i>	0.23	0.47	<0.1	NA	1.195121951	NA	0	NA	No
<i>RAC1P2</i>	0.21	0.68	1.52	2.21	1.388429752	1.273572396	0.684701	0.0130251	No
<i>AC239584.1</i>	1.46	1.43	<0.1	NA	0.987804878	NA	0	NA	No

<i>TMEM158</i>	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
<i>PPIC-AS1</i>	0.12	0.06	<0.1	NA	0.946428571	NA	0	NA	No
<i>AC079848.1</i>	0.21	0.94	<0.1	NA	1.603305785	NA	0	NA	No
<i>4RPIN-AP3S2</i>	0.31	0.1	<0.1	NA	0.839694656	NA	0	NA	No
<i>AC069360.1</i>	0.21	0.04	<0.1	NA	0.859504132	NA	0	NA	No
<i>RARRES2P4</i>	0.11	0.61	<0.1	NA	1.45045045	NA	0.558135	NA	No
<i>YJEFN3</i>	0.31	0.66	<0.1	NA	1.267175573	NA	0	NA	No
<i>SH3TC2-DT</i>	0.13	0.13	<0.1	NA	1	NA	0	NA	No
<i>AP000866.2</i>	0.91	1.22	13.62	13.54	1.162303665	0.994354752	0.210282	0	No
<i>DNAH10OS</i>	0.25	0	<0.1	NA	0.8	NA	0	NA	No
<i>ACNA1G-AS</i>	0.45	0.34	<0.1	NA	0.924137931	NA	0	NA	No
<i>AC004803.1</i>	0.53	1.31	10.14	11.21	1.509803922	1.095955734	0.274474	0	No
<i>HOXC-AS2</i>	0.15	0.16	0.72	0.49	1.008695652	0.867789122	0	-0.0736536	No
<i>4RPC4-TTL3</i>	0.11	0.07	<0.1	NA	0.963963964	NA	0	NA	No
<i>AC106791.1</i>	2.34	3.09	173.11	176.31	1.224550898	1.018353979	0.181345	-0.0564718	No
<i>MYLK-AS2</i>	2.59	3.6	<0.1	NA	1.281337047	NA	0	NA	No
<i>EEF1A1P13</i>	0.66	0.29	<0.1	NA	0.777108434	NA	0	NA	No
<i>AC053527.2</i>	6.95	7.68	9.54	7.50	1.091823899	0.806455296	0	-0.304304	No
<i>AC008443.4</i>	0.19	0.19	<0.1	NA	1	NA	0	NA	No
<i>PKD1P6</i>	1.13	1.03	<0.1	NA	0.953051643	NA	0	NA	No
<i>AL669918.1</i>	0.3	0.08	<0.1	NA	0.830769231	NA	0	NA	No
<i>LINC01612</i>	0.34	0.72	<0.1	NA	1.28358209	NA	0	NA	No
<i>AC021491.2</i>	0.44	0.22	<0.1	NA	0.847222222	NA	0	NA	No
<i>MRPS31P4</i>	1.75	4.04	27.50	33.92	1.832727273	1.225387132	0.800375	0	No
<i>LINC02762</i>	0.86	1.13	<0.1	NA	1.14516129	NA	0	NA	No
<i>ZNF718</i>	0.52	0.37	<0.1	NA	0.901315789	NA	0	NA	No
<i>SMIM20</i>	0.34	0.08	<0.1	NA	0.805970149	NA	-0.563077	NA	No
<i>AC003072.1</i>	0.2	0.03	<0.1	NA	0.858333333	NA	0	NA	No
<i>AC104596.1</i>	0.79	0.99	<0.1	NA	1.111731844	NA	0	NA	No
<i>AP006623.1</i>	1.23	1.61	0.10	0.20	1.170403587	1.092659812	0	0	No
<i>KLHL2P1</i>	0.52	0.71	10.70	12.06	1.125	1.116311954	0	-0.0157782	No
<i>AC005674.1</i>	0.23	0.25	<0.1	NA	1.016260163	NA	0	NA	No
<i>HOXC-AS1</i>	0.19	0.06	<0.1	NA	0.890756303	NA	0	NA	No
<i>AC117532.1</i>	0.19	0.19	<0.1	NA	1	NA	0	NA	No
<i>AC122718.1</i>	0.16	0.08	<0.1	NA	0.931034483	NA	0	NA	No
<i>LRRC37BP1</i>	8.69	2.69	<0.1	NA	0.380804954	NA	-0.962391	NA	No
<i>AC253536.5</i>	3.38	6.54	22.33	17.91	1.721461187	0.810516561	0.742565	-0.287642	No
<i>GMPSP1</i>	0.49	0.28	<0.1	NA	0.859060403	NA	0	NA	No

WBP1LP2	0.12	0.02	<0.1	NA	0.910714286	NA	0	NA	No
CHCHD10	0.16	0.48	<0.1	NA	1.275862069	NA	0	NA	No
CDK3	0.94	1.61	<0.1	NA	1.345360825	NA	0	NA	No
AC034213.1	0.4	0.32	<0.1	NA	0.942857143	NA	0	NA	No
KRT8P33	1.43	2.06	1.68	1.64	1.259259259	0.983622027	0.152158	0	No
AC079160.1	7.79	5.27	16.12	16.51	0.71331058	1.022787498	-0.221611	0	No
LINC01303	0.7	0.26	<0.1	NA	0.741176471	NA	0	NA	No
ATP6V1E2	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
AC098591.3	0.52	0.23	<0.1	NA	0.809210526	NA	0	NA	No
GLI4	0.92	0.41	<0.1	NA	0.734375	NA	0	NA	No
AC093535.1	0.35	0	<0.1	NA	0.740740741	NA	0	NA	No
AC012645.1	2.17	0.81	0.56	0.37	0.570977918	0.87911894	0	0	No
AC083906.3	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
AC068580.4	0.36	1	<0.1	NA	1.470588235	NA	0	NA	No
AC097451.1	0.45	0.56	2.33	3.13	1.075862069	1.241019562	0	0.130782	No
AC010343.3	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
TPM3P6	0.18	0.74	<0.1	NA	1.474576271	NA	0	NA	No
LINC02381	0.16	0.43	<0.1	NA	1.232758621	NA	0	NA	No
Z99943.2	47.99	36.7	131.98	115.60	0.769544805	0.876849879	-0.206615	0	No
AC025178.1	0.68	0.56	2.10	2.59	0.928571429	1.15899404	0	0	No
AC127070.2	3.04	4.66	<0.1	NA	1.400990099	NA	0.107508	NA	No
AC108865.1	0.53	0.9	<0.1	NA	1.241830065	NA	0	NA	No
RNPS1P1	0.29	0.24	<0.1	NA	0.96124031	NA	0	NA	No
AC125807.2	0.12	0.23	<0.1	NA	1.098214286	NA	0	NA	No
GMDS-DT	1.13	1.48	0.68	0.77	1.164319249	1.054392249	0	0	No
AC131953.1	0.51	0	<0.1	NA	0.662251656	NA	0	NA	No
AC091180.4	12.71	11.18	37.40	39.90	0.888402626	1.065036703	-0.0037161	0	No
AC093752.2	0.24	0.11	<0.1	NA	0.89516129	NA	0	NA	No
GLUD1P3	0.58	7.57	<0.1	NA	5.424050633	NA	2.90159	NA	No
AC097658.2	0.34	0	<0.1	NA	0.746268657	NA	0	NA	No
SNHG21	1.27	1	<0.1	NA	0.881057269	NA	0	NA	No
AC005355.1	0.55	0	<0.1	NA	0.64516129	NA	0	NA	No
AL391280.2	0.38	1.12	<0.1	NA	1.536231884	NA	0.766635	NA	No
AC136604.2	0.22	1.01	<0.1	NA	1.647540984	NA	0.00136709	NA	No
GGCTP1	1.56	2.51	<0.1	NA	1.37109375	NA	0.302734	NA	No
THAP9-AS1	0.2	0.8	<0.1	NA	1.5	NA	0	NA	No
PRKG2-AS1	0.32	0.58	<0.1	NA	1.196969697	NA	0	NA	No
ALG1L3P	0.21	0.23	<0.1	NA	1.016528926	NA	0	NA	No

CTBP2P4	0.11	6.24	<0.1	NA	6.522522523	NA	3.08095	NA	No
AF117829.1	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
MRPS30-DT	2.28	3.53	<0.1	NA	1.381097561	NA	0.276979	NA	No
AC113346.1	0.11	0.08	<0.1	NA	0.972972973	NA	0	NA	No
HOXC-AS3	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC020661.1	0.44	0	<0.1	NA	0.694444444	NA	0	NA	No
LINC01843	0.19	0.28	<0.1	NA	1.075630252	NA	0	NA	No
TMEM92-AS	0.52	0.68	3.58	3.99	1.105263158	1.089364074	0	0	No
AC079140.3	2.06	1.71	<0.1	NA	0.885620915	NA	0	NA	No
ZNF674	1.27	0.56	7.65	5.53	0.68722467	0.755349869	0	-0.117118	No
VED7-TICAM	0.37	1.27	<0.1	NA	1.656934307	NA	0	NA	No
SNRPCP2	0.86	0.05	<0.1	NA	0.564516129	NA	-1.21169	NA	No
AL691442.2	0.95	1.26	<0.1	NA	1.158974359	NA	0	NA	No
ZNF345	0.77	0.64	<0.1	NA	0.926553672	NA	0	NA	No
AC010457.1	13.56	15.56	12.76	15.21	1.137362637	1.178246825	0.0611749	0	No
RFPL4B	0.43	0	<0.1	NA	0.699300699	NA	0	NA	No
ALG1L7P	0.28	0.7	<0.1	NA	1.328125	NA	0	NA	No
ALG1L2	1.1	1.39	<0.1	NA	1.138095238	NA	0	NA	No
CAB39P1	0.54	0.87	<0.1	NA	1.214285714	NA	0.326113	NA	No
AC026704.1	0.16	0.11	<0.1	NA	0.956896552	NA	0	NA	No
SHANK3	6.71	1.49	<0.1	NA	0.322957198	NA	-0.599185	NA	No
RTN3P1	0.5	1.1	2.24	3.32	1.4	1.332903245	0.398548	0	No
LINC02236	0.69	0.91	<0.1	NA	1.130177515	NA	0	NA	No
ZNF550	3.04	22.29	<0.1	NA	5.764851485	NA	2.42783	NA	No
AC093827.3	1	0.64	1.24	1.16	0.82	0.96410026	0	-0.0205598	No
AC138956.2	0.29	0.87	<0.1	NA	1.449612403	NA	0	NA	No
AC145285.2	0.16	0.3	0.41	0.52	1.120689655	1.079723974	0	0	No
RPL32P3	0.47	0.33	2.53	2.74	0.904761905	1.058866591	0	0	No
FOXD1	0.11	0.34	<0.1	NA	1.207207207	NA	0	NA	No
PPIAP11	0.36	0.05	<0.1	NA	0.772058824	NA	0	NA	No
CENPS-COR1	0.25	0.61	0.23	0.42	1.288	1.157097774	0.458432	0	No
LINC00605	0.74	4.56	<0.1	NA	3.195402299	NA	1.32512	NA	No
MALAT1	0.68	5.94	<0.1	NA	4.130952381	NA	2.42849	NA	No
LINC02482	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
MSNP1	0.25	0.43	0.48	0.32	1.144	0.888567065	0	0	No
AL928654.1	0.23	0.12	<0.1	NA	0.910569106	NA	0	NA	No
LINC01385	0.28	0.07	<0.1	NA	0.8359375	NA	0	NA	No
AM160A1-D	3.87	5.03	3.30	2.83	1.238193018	0.890177355	0.201908	-0.226029	No

AC136475.1	4.36	3.91	<0.1	NA	0.916044776	NA	0	NA	No
FAM86EP	0.25	0.23	<0.1	NA	0.984	NA	0	NA	No
AC113346.2	4.26	6.13	1.03	1.25	1.355513308	1.109242288	0.309698	0	No
RNU6-1053F	0.19	0.24	<0.1	NA	1.042016807	NA	0	NA	No
RNA5SP217	1.01	0.2	<0.1	NA	0.597014925	NA	0	NA	No
SCARNA6	0.16	0.19	<0.1	NA	1.025862069	NA	0	NA	No
AC009812.1	3.5	4.55	3.81	3.87	1.233333333	1.01188875	0.119286	0	No
RNU7-75P	3.38	3.49	143.97	110.64	1.025114155	0.770088243	0	-0.484603	No
RNU6-1161F	0.11	0.43	<0.1	NA	1.288288288	NA	0	NA	No
RNU6-547P	0.17	0.19	<0.1	NA	1.017094017	NA	0	NA	No
AL389886.1	0.93	3.32	<0.1	NA	2.238341969	NA	1.12558	NA	No
RNU7-18P	9.11	15.02	18.66	39.59	1.584569733	2.06474881	0.611721	0.887378	No
AC127002.1	0.11	0.03	<0.1	NA	0.927927928	NA	0	NA	No
Y_RNA	1.54	1.36	<0.1	NA	0.929133858	NA	0	NA	No
RNU1-103P	0.9	1.69	<0.1	NA	1.415789474	NA	0.254068	NA	No
RNU6-1337F	0.14	0.27	<0.1	NA	1.114035088	NA	0	NA	No
RNU6-638P	4.03	4.77	<0.1	NA	1.147117296	NA	0	NA	No
Z73420.1	0.31	0.14	<0.1	NA	0.870229008	NA	0	NA	No
RNU6-126P	0.25	0.32	1.24	1.50	1.056	1.114097832	0	0	No
RNU6-1016F	0.12	0.23	<0.1	NA	1.098214286	NA	0	NA	No
RN7SKP116	0.53	0	<0.1	NA	0.653594771	NA	0	NA	No
RNU6-850P	1.76	0	<0.1	NA	0.362318841	NA	0	NA	No
RN7SKP11	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
SCARNA21	0.19	0.22	<0.1	NA	1.025210084	NA	0	NA	No
Y_RNA	2.59	0	<0.1	NA	0.278551532	NA	0	NA	No
SCARNA3	3.67	13.09	<0.1	NA	3.017130621	NA	0.13137	NA	No
RNA5SP290	0.52	0	<0.1	NA	0.657894737	NA	0	NA	No
RNA5SP490	0.79	0	<0.1	NA	0.558659218	NA	0	NA	No
RNU6-1238F	0.86	0	<0.1	NA	0.537634409	NA	0	NA	No
AC004707.1	0.41	0	<0.1	NA	0.709219858	NA	0	NA	No
AC090198.1	0.56	0	<0.1	NA	0.641025641	NA	0	NA	No
AC091114.1	0.86	2.99	<0.1	NA	2.14516129	NA	0	NA	No
AC055854.1	0.56	0	<0.1	NA	0.641025641	NA	0	NA	No
AC114550.1	1.54	0	<0.1	NA	0.393700787	NA	0	NA	No
LINC01605	0.56	0	<0.1	NA	0.641025641	NA	0	NA	No
AC108515.1	1.56	0	<0.1	NA	0.390625	NA	0	NA	No
AC009630.2	1.14	0.57	<0.1	NA	0.73364486	NA	0	NA	No
HOXA10-AS	0.34	0.33	<0.1	NA	0.992537313	NA	0	NA	No

AC083841.1	0.52	0	<0.1	NA	0.657894737	NA	0	NA	No
AC037459.2	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
GUSBP3	0.38	1.15	1.86	1.47	1.557971014	0.865362318	0	0	No
AC040970.1	0.59	0.59	<0.1	NA	1	NA	0	NA	No
AP001574.1	0.37	0	<0.1	NA	0.729927007	NA	0	NA	No
SHLD3	2.1	0	<0.1	NA	0.322580645	NA	0	NA	No
AC068228.1	0.39	0.79	<0.1	NA	1.287769784	NA	0	NA	No
AC100860.1	1.05	0.52	<0.1	NA	0.741463415	NA	0	NA	No
CCDC71L	0.82	1.12	<0.1	NA	1.164835165	NA	0	NA	No
HOXA10	0.11	0.32	<0.1	NA	1.189189189	NA	0	NA	No
TMEM200B	0.11	0.22	<0.1	NA	1.099099099	NA	0	NA	No
AC011676.1	0.15	0.41	<0.1	NA	1.226086957	NA	0	NA	No
C1orf210	0.15	0.13	<0.1	NA	0.982608696	NA	0	NA	No
AZIN1-AS1	0.21	0.56	<0.1	NA	1.289256198	NA	0	NA	No
AL606534.4	0.31	15.16	<0.1	NA	12.33587786	NA	3.67846	NA	No
RAD21-AS1	0.36	0.45	<0.1	NA	1.066176471	NA	0	NA	No
AC024451.2	2.97	4.23	21.87	20.56	1.317380353	0.94253313	0.0534166	-0.0911859	No
AC146944.2	0.56	1.28	<0.1	NA	1.461538462	NA	0	NA	No
AC115837.1	1.09	0.78	<0.1	NA	0.851674641	NA	0	NA	No
AC008514.1	0.37	0.04	2.72	2.82	0.759124088	1.02728309	0	0	No
TUG1	3.09	2.67	<0.1	NA	0.897310513	NA	0	NA	No
AP003469.1	0.69	0.29	<0.1	NA	0.763313609	NA	0	NA	No
TRNP1	1.17	1.44	<0.1	NA	1.124423963	NA	0	NA	No
AP003469.2	0.41	1.58	<0.1	NA	1.829787234	NA	0.152328	NA	No
AC124067.2	0.9	4.25	<0.1	NA	2.763157895	NA	1.41426	NA	No
PCAT1	6.27	7.02	6.07	5.72	1.103163686	0.950006332	0.00061952	-0.0773373	No
AC022915.1	3	4.58	34.01	28.24	1.395	0.835281968	0.310475	-0.27022	No
ATP6V1G1P2	0.72	5.57	2.57	2.92	3.819767442	1.097940716	2.36488	0	No
AC004080.2	1.48	2.96	<0.1	NA	1.596774194	NA	0	NA	No
HMGB1P41	8.78	10.77	<0.1	NA	1.203476483	NA	0.00915422	NA	No
AC136628.3	0.6	0.61	2.85	3.17	1.00625	1.082062495	0	0	No
MIR3142HG	0.99	1.12	<0.1	NA	1.065326633	NA	0	NA	No
AC084116.3	0.16	0.32	7.52	6.03	1.137931034	0.824556874	0	-0.0872343	No
FAM86HP	0.34	0.48	<0.1	NA	1.104477612	NA	0	NA	No
CA3-AS1	0.14	0.72	<0.1	NA	1.50877193	NA	0	NA	No
HOXA-AS2	0.16	0.05	<0.1	NA	0.905172414	NA	0	NA	No
AC107959.3	1.17	4.53	<0.1	NA	2.548387097	NA	1.23136	NA	No
EIF5AL1	11.01	13.47	15.56	18.77	1.204829309	1.193720716	0.191409	0.0570216	No

AP000424.1	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
GASAL1	2.43	6.37	2.08	2.09	2.148688047	1.002815962	0.976273	0	No
TAGLN2P1	0.5	2.48	<0.1	NA	2.32	NA	0.326271	NA	No
AC027309.2	0.43	0.65	<0.1	NA	1.153846154	NA	0	NA	No
ALG11	0.29	0.32	<0.1	NA	1.023255814	NA	0	NA	No
MINCR	0.55	0	<0.1	NA	0.64516129	NA	0	NA	No
ATXN7L3B	0.31	0.15	<0.1	NA	0.877862595	NA	0	NA	No
PRKDC	0.29	0.96	<0.1	NA	1.519379845	NA	0	NA	No
AC015909.2	0.12	0.36	<0.1	NA	1.214285714	NA	0	NA	No
CTUD6B-AS1	1.47	1.66	<0.1	NA	1.076923077	NA	0	NA	No
LNCOC1	0.63	0.31	<0.1	NA	0.803680982	NA	0	NA	No
AC025442.1	0.86	1.07	<0.1	NA	1.112903226	NA	0	NA	No
AC008429.2	1.44	1.07	0.63	0.79	0.848360656	1.100355717	0	0	No
AC138866.1	0.19	0.14	2.90	2.51	0.957983193	0.899376632	0	0	No
AC022868.1	0.7	1.1	<0.1	NA	1.235294118	NA	0.149465	NA	No
AC064807.2	4.73	5.58	<0.1	NA	1.148342059	NA	0	NA	No
AC010834.3	2.12	0.96	25.64	23.82	0.628205128	0.931842935	-0.657423	-0.184978	No
AC131025.1	0.11	0.32	<0.1	NA	1.189189189	NA	0	NA	No
AC087752.3	0.22	0.71	<0.1	NA	1.401639344	NA	0.595173	NA	No
AC104115.2	0.36	1.09	<0.1	NA	1.536764706	NA	0	NA	No
AC226119.1	18.38	15.3	<0.1	NA	0.841073271	NA	0	NA	No
THAP12P7	0.14	0.2	3.13	3.71	1.052631579	1.140379299	0	0	No
AC091982.1	14.4	5.97	<0.1	NA	0.452597403	NA	-0.966383	NA	No
VFRSF10A-A	6.9	6.31	20.58	19.31	0.925316456	0.940989932	0	-0.147872	No
AC027117.2	16.32	24.37	48.06	56.92	1.4647806	1.180665159	0.514699	0.0836763	No
VPS13B-DT	0.59	1.17	<0.1	NA	1.364779874	NA	0	NA	No
HMGNI1P38	1.94	2.91	8.01	9.42	1.329931973	1.156270532	0.359644	0	No
CLDN23	0.15	0.38	<0.1	NA	1.2	NA	0.39909	NA	No
AC008514.2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
CTB-178M22	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
ALG1L13P	0.43	0	<0.1	NA	0.699300699	NA	0	NA	No
AC100810.1	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
ZNF260	0.16	0.24	<0.1	NA	1.068965517	NA	0	NA	No
ALG1L10P	0.28	0.63	<0.1	NA	1.2734375	NA	0	NA	No
AP001207.3	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AC009902.2	1.06	4.37	<0.1	NA	2.606796117	NA	1.05003	NA	No
AC027801.4	0.16	0.16	<0.1	NA	1	NA	0	NA	No
AC105206.2	0.24	0	<0.1	NA	0.806451613	NA	0	NA	No

<i>LYN</i>	0.16	0.44	<0.1	NA	1.24137931	NA	0	NA	No
<i>PINX1</i>	0.19	0.19	<0.1	NA	1	NA	0	NA	No
<i>RBPMS-AS1</i>	0.59	0.75	<0.1	NA	1.100628931	NA	0	NA	No
<i>NPIPB11</i>	0.42	0.52	<0.1	NA	1.070422535	NA	0	NA	No
<i>AC100797.1</i>	0.37	0.33	<0.1	NA	0.97080292	NA	0	NA	No
<i>AC087439.2</i>	17.64	8.99	<0.1	NA	0.535944206	NA	-0.400218	NA	No
<i>PCDHGB1</i>	3.96	6.85	3.21	2.84	1.58266129	0.912456886	0.458062	-0.028171	No
<i>AC068189.1</i>	1.16	0.84	<0.1	NA	0.851851852	NA	0	NA	No
<i>KRT8P3</i>	0.5	1.32	<0.1	NA	1.546666667	NA	0	NA	No
<i>CKS1BP7</i>	0.52	0.66	<0.1	NA	1.092105263	NA	0	NA	No
<i>AF201337.1</i>	1.61	1.37	<0.1	NA	0.908045977	NA	0	NA	No
<i>MAFA-AS1</i>	1.39	2.76	2.04	2.50	1.573221757	1.151504821	0.648076	0	No
<i>AC120036.3</i>	0.99	0.99	<0.1	NA	1	NA	0	NA	No
<i>HOXA-AS3</i>	0.33	0.22	<0.1	NA	0.917293233	NA	0	NA	No
<i>AC112191.2</i>	0.53	0.23	<0.1	NA	0.803921569	NA	0	NA	No
<i>RHPN1-AS1</i>	0.54	1.08	<0.1	NA	1.350649351	NA	0	NA	No
<i>AC087521.3</i>	1.25	0.62	<0.1	NA	0.72	NA	0	NA	No
<i>CHKB-CPT1E</i>	1.2	1.83	13.98	12.93	1.286363636	0.930039826	0.0647872	-0.0505958	No
<i>AL139349.1</i>	0.77	1.26	0.23	0.17	1.276836158	0.94954332	0	0	No
<i>AP003086.1</i>	0.15	0.13	0.37	0.47	0.982608696	1.069807404	0	-0.0370773	No
<i>AP001107.4</i>	0.34	1.35	<0.1	NA	1.753731343	NA	0	NA	No
<i>PPIAP41</i>	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No
<i>AP002495.1</i>	1.02	0.19	0.58	0.67	0.589108911	1.053903366	-1.55591	0	No
<i>AP5B1</i>	0.13	0.2	<0.1	NA	1.061946903	NA	0	NA	No
<i>AL354920.1</i>	0.26	0.26	<0.1	NA	1	NA	0	NA	No
<i>AP003068.1</i>	0.91	0	<0.1	NA	0.523560209	NA	0	NA	No
<i>CHMP4A</i>	3.86	3.71	<0.1	NA	0.969135802	NA	0	NA	No
<i>AC090791.1</i>	0.26	0.77	0.37	1.46	1.404761905	1.798777501	0	0	No
<i>AP000757.1</i>	0.42	0.21	<0.1	NA	0.852112676	NA	0	NA	No
<i>FLJ20021</i>	0.3	0.42	0.57	0.69	1.092307692	1.075368283	0	0	No
<i>AC105219.1</i>	0.32	0.16	<0.1	NA	0.878787879	NA	0	NA	No
<i>AC080023.1</i>	1.56	5.07	1.23	1.54	2.37109375	1.1399008	1.19132	0	No
<i>AC087276.1</i>	0.23	0.33	<0.1	NA	1.081300813	NA	0	NA	No
<i>AC084337.1</i>	0.67	1.18	15.29	17.48	1.305389222	1.13452481	0.289441	0	No
<i>CSNK2A3</i>	1.11	0.74	<0.1	NA	0.82464455	NA	0	NA	No
<i>AP000662.1</i>	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
<i>AP001783.1</i>	1.49	1.19	<0.1	NA	0.879518072	NA	0	NA	No
<i>AC004923.1</i>	0.11	0.11	<0.1	NA	1	NA	0	NA	No

<i>DNAJB6P1</i>	0.53	0.79	<0.1	NA	1.169934641	NA	0	NA	No
<i>AP003068.2</i>	8.28	11.9	31.53	27.01	1.390086207	0.8611375	0.39105	-0.301685	No
<i>AC027031.2</i>	0.47	0.38	<0.1	NA	0.93877551	NA	0	NA	No
<i>AP003119.1</i>	0.69	0	<0.1	NA	0.591715976	NA	0	NA	No
<i>SMG1P6</i>	0.98	1.09	19.37	23.64	1.055555556	1.209690741	0	0	No
<i>WAC-AS1</i>	0.11	0.33	<0.1	NA	1.198198198	NA	0	NA	No
<i>AC116021.1</i>	0.11	0.15	<0.1	NA	1.036036036	NA	0	NA	No
<i>INS</i>	16.38	15.55	6.48	6.22	0.952243959	0.965816215	0	0	No
<i>AP000781.1</i>	0.54	1.61	<0.1	NA	1.694805195	NA	0	NA	No
<i>AP003032.1</i>	0.8	2.19	<0.1	NA	1.772222222	NA	0.248797	NA	No
<i>AP005018.1</i>	0.29	0.29	<0.1	NA	1	NA	0	NA	No
<i>PKD1P5</i>	0.39	0.86	<0.1	NA	1.338129496	NA	0	NA	No
<i>AP002387.1</i>	7.47	6.45	15.87	15.34	0.87957497	0.968858865	0	-0.0433491	No
<i>FPGT</i>	0.56	1.09	<0.1	NA	1.33974359	NA	0.254104	NA	No
<i>AP001893.1</i>	0.77	0.66	<0.1	NA	0.937853107	NA	0	NA	No
<i>AL512785.2</i>	1.1	1.03	<0.1	NA	0.966666667	NA	0	NA	No
<i>AL139174.1</i>	7.93	7.7	<0.1	NA	0.974244121	NA	0	NA	No
<i>AP001970.1</i>	13.46	11.63	<0.1	NA	0.873443983	NA	0	NA	No
<i>GLYATL1P2</i>	0.83	1.2	<0.1	NA	1.202185792	NA	0	NA	No
<i>AC080023.2</i>	0.3	1.04	<0.1	NA	1.569230769	NA	0.0622507	NA	No
<i>MEX3A</i>	0.44	0.09	<0.1	NA	0.756944444	NA	-0.412847	NA	No
<i>AP003059.1</i>	3.93	5.9	4.53	4.73	1.39959432	1.036642998	0.311334	0	No
<i>AC137894.1</i>	0.33	0.49	<0.1	NA	1.120300752	NA	0	NA	No
<i>AP001107.6</i>	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
<i>AP001893.2</i>	0.19	0.96	<0.1	NA	1.647058824	NA	0	NA	No
<i>EEF1G</i>	0.18	0.53	<0.1	NA	1.296610169	NA	0	NA	No
<i>AP003084.1</i>	1.03	1.15	<0.1	NA	1.0591133	NA	0	NA	No
<i>CKLF-CMTM</i>	69.26	31.1	<0.1	NA	0.456874466	NA	-0.952776	NA	No
<i>SLC25A47P1</i>	0.88	0.92	2.38	2.88	1.021276596	1.147115421	0	0	No
<i>YS1-DBNDD</i>	0.44	0	<0.1	NA	0.694444444	NA	0	NA	No
<i>AC067930.2</i>	2.69	3.42	<0.1	NA	1.197831978	NA	0	NA	No
<i>TMNTD2-AS</i>	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
<i>SLC22A18AS</i>	0.12	0.06	<0.1	NA	0.946428571	NA	0	NA	No
<i>AP001372.2</i>	0.14	0.09	<0.1	NA	0.956140351	NA	0	NA	No
<i>AP005018.2</i>	2.57	2.57	<0.1	NA	1	NA	0	NA	No
<i>AP003390.1</i>	1.17	1.49	2.08	1.99	1.147465438	0.972142389	0	-0.0170584	No
<i>MPV17L2</i>	0.12	0.25	<0.1	NA	1.116071429	NA	0	NA	No
<i>AC067930.3</i>	0.29	1.56	<0.1	NA	1.984496124	NA	0.228216	NA	No

<i>TMEM9B-AS</i>	1.14	0	<0.1	NA	0.46728972	NA	-0.509897	NA	No
<i>AP001267.1</i>	1.06	0	<0.1	NA	0.485436893	NA	0	NA	No
<i>GT1P4-STRA</i>	0.22	0.32	475.70	456.05	1.081967213	0.958776479	0	-0.150548	No
<i>PRR13P2</i>	0.14	0.36	<0.1	NA	1.192982456	NA	0	NA	No
<i>AC113404.3</i>	0.38	0.38	18.06	19.74	1	1.088084055	0	0	No
<i>BORCS8</i>	0.65	2.19	<0.1	NA	1.933333333	NA	0	NA	No
<i>AP003392.2</i>	0.34	0.04	4.25	5.60	0.776119403	1.257798241	0	0.0155071	No
<i>AC136475.2</i>	0.15	0.61	<0.1	NA	1.4	NA	0	NA	No
<i>SCARNA9</i>	0.95	1.33	<0.1	NA	1.194871795	NA	0	NA	No
<i>AL591684.2</i>	0.65	1.07	1.72	1.88	1.254545455	1.059023416	0	0	No
<i>AC044810.2</i>	0.9	1.63	<0.1	NA	1.384210526	NA	0.214134	NA	No
<i>AP001458.1</i>	0.13	0.84	<0.1	NA	1.628318584	NA	0.248989	NA	No
<i>AC103974.1</i>	0.41	2.04	<0.1	NA	2.156028369	NA	0.326271	NA	No
<i>AC105219.3</i>	16.89	24.8	13.51	14.05	1.442146451	1.037321651	0.385998	0	No
<i>ALG1L9P</i>	0.75	3.43	<0.1	NA	2.531428571	NA	0.542165	NA	No
<i>AP000781.2</i>	0.42	0.45	1.27	1.50	1.021126761	1.10046157	0	0	No
<i>DPP3</i>	0.38	0.65	<0.1	NA	1.195652174	NA	0	NA	No
<i>AP001781.1</i>	0.35	0.63	<0.1	NA	1.207407407	NA	0.0316695	NA	No
<i>AC124276.1</i>	0.26	0.13	<0.1	NA	0.896825397	NA	0	NA	No
<i>KHD1-EIF4E</i>	0.67	1.06	<0.1	NA	1.233532934	NA	0	NA	No
<i>BRK1</i>	1.62	2.45	<0.1	NA	1.316793893	NA	0.254147	NA	No
<i>LINC02324</i>	0.26	0.26	<0.1	NA	1	NA	0	NA	No
<i>LINC02739</i>	9.14	3	<0.1	NA	0.394477318	NA	-0.798384	NA	No
<i>AC136475.3</i>	0.61	0	1.02	2.74	0.621118012	1.850925165	0	0.566284	No
<i>AP002807.1</i>	0.39	0.16	<0.1	NA	0.834532374	NA	0	NA	No
<i>AP000866.5</i>	0.13	0.21	<0.1	NA	1.07079646	NA	0	NA	No
<i>AC069185.1</i>	0.58	0	<0.1	NA	0.632911392	NA	0	NA	No
<i>AC067930.4</i>	0.43	0.31	<0.1	NA	0.916083916	NA	0	NA	No
<i>AP001318.2</i>	0.83	1.24	<0.1	NA	1.224043716	NA	0	NA	No
<i>SAA2-SAA4</i>	1.17	1.07	0.23	0.25	0.953917051	1.012542676	0	0	No
<i>AC010768.2</i>	0.62	0.64	<0.1	NA	1.012345679	NA	0	NA	No
<i>AP003119.2</i>	25.86	28.33	32.42	32.28	1.091958302	0.995931305	0.025713	-0.0592034	No
<i>CHMP1B</i>	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
<i>OVOL1-AS1</i>	1.55	1.07	<0.1	NA	0.811764706	NA	0	NA	No
<i>CCDC84-DT</i>	0.14	0.15	11.41	12.89	1.00877193	1.119295331	0	0	No
<i>AP000880.1</i>	218.25	184.48	157.37	147.03	0.845974914	0.93471506	-0.170211	-0.214113	No
<i>AP002360.1</i>	0.29	0	<0.1	NA	0.775193798	NA	-0.902101	NA	No
<i>AP000442.1</i>	0.19	0.29	<0.1	NA	1.084033613	NA	0	NA	No

AP006621.2	0.37	1.92	<0.1	NA	2.131386861	NA	0.647744	NA	No
1SH5-SAPCD	0.31	1.68	<0.1	NA	2.045801527	NA	0.821645	NA	No
TOLLIP-AS1	0.48	1.32	<0.1	NA	1.567567568	NA	0	NA	No
AC084125.2	0.39	0.44	<0.1	NA	1.035971223	NA	0	NA	No
AP003555.2	2.46	1.82	<0.1	NA	0.815028902	NA	0	NA	No
SNHG9	0.51	1.19	<0.1	NA	1.450331126	NA	0	NA	No
PGAM1P8	2.66	1.65	<0.1	NA	0.724043716	NA	0	NA	No
AC109322.1	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
AP002992.1	0.45	2.11	<0.1	NA	2.144827586	NA	0.00136709	NA	No
TREHP1	19.89	22.84	14.01	14.12	1.141215893	1.007206952	0.0631795	-0.0130651	No
MIR100HG	0.39	0.86	<0.1	NA	1.338129496	NA	0	NA	No
ELOBP2	3.44	4.25	<0.1	NA	1.182432432	NA	0	NA	No
ABCC6P2	0.45	1.3	<0.1	NA	1.586206897	NA	0.0948829	NA	No
AP006621.3	7.04	6.52	<0.1	NA	0.935323383	NA	0	NA	No
EID1	0.62	0.62	<0.1	NA	1	NA	0	NA	No
AC004923.4	1.69	1.13	<0.1	NA	0.791821561	NA	0	NA	No
AP000759.1	0.35	0.34	14.15	15.45	0.992592593	1.085794355	0	0	No
H2AZP4	1.88	0.8	0.93	0.87	0.625	0.966347201	-0.151352	0	No
AP001830.1	2.03	2.03	<0.1	NA	1	NA	0	NA	No
AC234917.1	0.25	0.12	<0.1	NA	0.896	NA	0	NA	No
NOX5	2.81	4.46	4.41	6.77	1.433070866	1.436256413	0	0	No
AP000640.2	1.43	1.13	<0.1	NA	0.87654321	NA	0	NA	No
HCAR3	7.78	10.01	<0.1	NA	1.253986333	NA	0.034419	NA	No
AC124276.2	0.14	0.25	<0.1	NA	1.096491228	NA	0	NA	No
RSF1-IT1	0.21	0.1	<0.1	NA	0.909090909	NA	0	NA	No
AC135050.2	0.17	0.13	<0.1	NA	0.965811966	NA	0	NA	No
CD44-AS1	0.3	16.7	<0.1	NA	13.61538462	NA	3.56725	NA	No
AP003486.1	1.14	0.89	0.44	0.29	0.88317757	0.894654154	0	0	No
AP001107.9	3.05	3.77	<0.1	NA	1.177777778	NA	0	NA	No
AC145124.1	28.01	22.17	74.27	70.62	0.798690107	0.951525189	-0.183195	-0.149834	No
AP002990.1	1.74	1.08	<0.1	NA	0.759124088	NA	0	NA	No
AP002748.4	4.17	7.67	<0.1	NA	1.676982592	NA	0.135922	NA	No
AC090589.2	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
POLR2M	1.31	0.69	<0.1	NA	0.731601732	NA	0	NA	No
AP002336.3	0.51	0	<0.1	NA	0.662251656	NA	0	NA	No
AP001266.2	0.12	0.23	<0.1	NA	1.098214286	NA	0	NA	No
3NF252P-AS	0.62	2.65	<0.1	NA	2.25308642	NA	1.33929	NA	No
FDXACB1	1.65	0.87	<0.1	NA	0.705660377	NA	0	NA	No

AC073651.1	0.34	0.08	<0.1	NA	0.805970149	NA	0	NA	No
AL590627.1	0.2	0.31	<0.1	NA	1.091666667	NA	0	NA	No
AP000439.1	0.18	0.18	<0.1	NA	1	NA	0	NA	No
C10orf88B	0.52	0.78	<0.1	NA	1.171052632	NA	0	NA	No
AM222A-AS	0.57	0.48	<0.1	NA	0.942675159	NA	0	NA	No
AC007570.1	0.39	0.27	<0.1	NA	0.913669065	NA	0	NA	No
AC002563.1	2.67	9.62	<0.1	NA	2.89373297	NA	1.61214	NA	No
SNHG1	2.62	2.23	<0.1	NA	0.892265193	NA	0	NA	No
AGAP2-AS1	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
AP000808.1	1.45	2.18	5.28	5.38	1.297959184	1.015226711	0.261353	0	No
AC009533.2	0.29	0	<0.1	NA	0.775193798	NA	0	NA	No
GOLGA2P10	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
LINC02747	0.35	0.69	<0.1	NA	1.251851852	NA	0.113962	NA	No
PDE2A-AS1	0.27	0.44	3.79	3.57	1.133858268	0.953711423	0	0	No
AC131206.1	0.34	0.11	<0.1	NA	0.828358209	NA	0	NA	No
AP000593.3	0.14	0.26	<0.1	NA	1.105263158	NA	0	NA	No
PXN-AS1	0.83	1.56	<0.1	NA	1.398907104	NA	0	NA	No
AP000812.2	1.65	4.73	<0.1	NA	2.162264151	NA	1.04062	NA	No
ENND5B-AS	0.15	0.65	<0.1	NA	1.434782609	NA	0	NA	No
PRECSIT	0.18	0.35	<0.1	NA	1.144067797	NA	0	NA	No
AP000786.1	0.12	0.12	<0.1	NA	1	NA	0	NA	No
AC148477.1	17.94	13.76	48.65	51.93	0.779303062	1.066105443	-0.243007	0	No
AP003108.1	6.59	5.13	6.55	5.98	0.807641634	0.92484711	0	-0.147895	No
AC006064.3	0.66	0.84	<0.1	NA	1.108433735	NA	0	NA	No
AC131009.1	0.73	1.37	<0.1	NA	1.369942197	NA	0	NA	No
AC026362.1	3.22	3.95	0.68	0.81	1.172985782	1.075438531	0	0	No
CTSO	0.11	0.69	<0.1	NA	1.522522523	NA	0.828724	NA	No
COA8	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
TRAPPC2B	0.57	0.44	<0.1	NA	0.917197452	NA	0	NA	No
URB1-AS1	0.28	0.83	<0.1	NA	1.4296875	NA	0	NA	No
AC092112.1	1.52	1.32	5.19	4.87	0.920634921	0.948053215	0	0	No
ZNF432	0.37	0.52	<0.1	NA	1.109489051	NA	0	NA	No
SBNO1-AS1	0.2	0.33	0.27	0.36	1.108333333	1.071565868	0	0	No
LINC00944	0.78	1.58	<0.1	NA	1.449438202	NA	0.594692	NA	No
AC007637.1	0.18	0.46	<0.1	NA	1.237288136	NA	0	NA	No
AC007848.2	1.01	4.49	<0.1	NA	2.731343284	NA	0.643346	NA	No
ZNF10	0.13	2.45	<0.1	NA	3.053097345	NA	2.38995	NA	No
ZNF486	0.45	0.45	<0.1	NA	1	NA	0	NA	No

LINC02387	1.25	1.63	<0.1	NA	1.168888889	NA	0	NA	No
SMIM3	0.22	0.26	<0.1	NA	1.032786885	NA	0	NA	No
USP30-AS1	0.5	0.09	1.96	3.09	0.726666667	1.381136299	-0.607177	0.34977	No
LINC02454	4.05	4.33	<0.1	NA	1.055445545	NA	0	NA	No
HMBS	5.91	5.76	7.87	9.04	0.97829233	1.131567848	0	0	No
ZNF225	9.78	6.1	4.80	3.33	0.658627087	0.746667961	-0.242691	-0.222739	No
AC138466.1	0.17	2.25	<0.1	NA	2.777777778	NA	1.43116	NA	No
RPL41P2	0.62	1.64	0.82	1.07	1.62962963	1.136230038	0.943561	0	No
ABCC6P1	0.62	0.4	<0.1	NA	0.864197531	NA	0	NA	No
RPL41P5	0.16	0.35	<0.1	NA	1.163793103	NA	0.121538	NA	No
AC006206.2	0.12	0.18	<0.1	NA	1.053571429	NA	0	NA	No
AC005840.2	0.12	0.25	<0.1	NA	1.116071429	NA	0	NA	No
AP003559.1	0.56	1.33	0.61	0.88	1.493589744	1.166664004	0.728212	0.119315	No
AP003419.1	0.36	0.71	<0.1	NA	1.257352941	NA	0.216586	NA	No
POLG2	0.12	0.68	<0.1	NA	1.5	NA	0	NA	No
SMIM10L1	10.3	9.05	19.78	22.15	0.889380531	1.114080111	0	0	No
AC007406.3	1.39	1.06	<0.1	NA	0.861924686	NA	0	NA	No
AC148477.2	0.23	0.11	<0.1	NA	0.902439024	NA	0	NA	No
AC007552.2	13.28	13.21	45.85	41.85	0.995098039	0.914578798	0	-0.145968	No
AP002761.2	0.23	0.46	1.88	1.68	1.18699187	0.929487188	0.268375	0	No
LINC02361	1.64	1.5	<0.1	NA	0.946969697	NA	0	NA	No
AP003108.2	0.13	0.52	<0.1	NA	1.345132743	NA	0	NA	No
AC010186.2	0.17	0.16	0.38	0.62	0.991452991	1.171341936	0	0	No
ZBTB11-AS1	18.51	13.69	<0.1	NA	0.752947207	NA	0	NA	No
AC008115.1	0.17	0.47	<0.1	NA	1.256410256	NA	0	NA	No
AC112777.1	0.32	0.15	<0.1	NA	0.871212121	NA	0	NA	No
AC078962.4	0.2	0.47	<0.1	NA	1.225	NA	0	NA	No
AC141557.1	0.83	0.23	<0.1	NA	0.672131148	NA	0	NA	No
ZNF350	2.15	2.85	9.38	12.51	1.222222222	1.301909954	0.0796669	0.0325135	No
AP001160.1	5.9	5.46	2.24	2.84	0.936231884	1.184766285	0	0	No
AC026369.2	0.36	1.67	<0.1	NA	1.963235294	NA	0.640555	NA	No
AP003721.2	0.14	0.72	<0.1	NA	1.50877193	NA	0.806797	NA	No
KDM2B-DT	0.18	0.8	<0.1	NA	1.525423729	NA	0	NA	No
AP002784.2	0.29	0	<0.1	NA	0.775193798	NA	0	NA	No
PLBD1-AS1	1.15	1.8	<0.1	NA	1.302325581	NA	0	NA	No
ZNF253	0.26	0.15	<0.1	NA	0.912698413	NA	0	NA	No
AC022613.1	1	1.12	<0.1	NA	1.06	NA	0	NA	No
C17orf100	1.27	2.16	4.60	4.37	1.392070485	0.958640361	0.249373	0	No

ATP5MFP4	1.07	0.36	<0.1	NA	0.657004831	NA	0	NA	No
PARP11-AS1	6.42	9.27	<0.1	NA	1.384097035	NA	0.195848	NA	No
AC022509.3	0.42	0	<0.1	NA	0.704225352	NA	0	NA	No
AC018410.1	1.2	1.07	<0.1	NA	0.940909091	NA	0	NA	No
AC090023.2	1.25	4.29	0.26	0.52	2.351111111	1.207680613	1.41463	0	No
PP1R14B-AS	1.82	1.19	<0.1	NA	0.776595745	NA	0	NA	No
AC148477.3	0.83	2.57	<0.1	NA	1.950819672	NA	0.719442	NA	No
AP003721.3	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AC069503.2	0.2	0.49	<0.1	NA	1.241666667	NA	0	NA	No
AC018653.3	3.21	4.38	<0.1	NA	1.277909739	NA	0	NA	No
AC084375.1	1.05	2.45	<0.1	NA	1.682926829	NA	0.826557	NA	No
KHDC1L	0.41	1.41	5.96	6.38	1.709219858	1.060313215	1.06693	0	No
AC135782.1	0.12	0.62	<0.1	NA	1.446428571	NA	0.699482	NA	No
AC008115.2	1.45	1.49	0.43	0.42	1.016326531	0.995835081	0	0	No
AC087241.2	0.2	0.2	<0.1	NA	1	NA	0	NA	No
AC010186.3	0.11	0.09	<0.1	NA	0.981981982	NA	0	NA	No
AP002761.3	2.72	4.01	<0.1	NA	1.346774194	NA	0	NA	No
AP003721.4	0.18	0.26	<0.1	NA	1.06779661	NA	0	NA	No
AP001363.2	0.24	0.2	<0.1	NA	0.967741935	NA	0	NA	No
MIR200CHG	25.63	58.49	<0.1	NA	2.233946677	NA	0.991619	NA	No
AP001453.3	0.94	1.35	<0.1	NA	1.211340206	NA	0	NA	No
DENND11	0.66	0.26	<0.1	NA	0.759036145	NA	0	NA	No
LSM14A	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
RRN3P3	1.9	3.49	<0.1	NA	1.548275862	NA	0.23454	NA	No
PGAM1P5	0.2	4.56	<0.1	NA	4.633333333	NA	2.68457	NA	No
TMPO-AS1	0.17	7.23	0.24	0.08	7.034188034	0.871178004	3.46591	0	No
CR383656.1	0.12	0.02	<0.1	NA	0.910714286	NA	0	NA	No
GATC	0.22	0.66	<0.1	NA	1.360655738	NA	0	NA	No
AC020612.1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AC008014.1	0.49	0.36	<0.1	NA	0.912751678	NA	0	NA	No
AC136443.3	0.47	0.79	<0.1	NA	1.217687075	NA	0	NA	No
ZNF271P	0.26	0.26	<0.1	NA	1	NA	0	NA	No
AL928654.2	0.27	0.55	<0.1	NA	1.220472441	NA	0	NA	No
AL132780.1	6.87	4.73	<0.1	NA	0.728081321	NA	0	NA	No
AC073896.2	4.64	9.39	<0.1	NA	1.842198582	NA	0.544065	NA	No
AC011611.2	3.4	2.35	<0.1	NA	0.761363636	NA	-0.290023	NA	No
MGAM	25.02	33.55	39.37	39.31	1.32782475	0.998499708	0.32925	-0.0789052	No
AC068888.1	0.86	1.81	1.40	1.69	1.510752688	1.122839736	0.52648	-0.294139	No

<i>FNTB</i>	0.2	0.29	<0.1	NA	1.075	NA	0	NA	No
<i>AC107016.1</i>	1.51	2.08	10.85	11.62	1.227091633	1.065202262	0.0112393	-0.163373	No
<i>AC023055.1</i>	0.4	0.17	<0.1	NA	0.835714286	NA	0	NA	No
<i>AC068305.2</i>	6.11	6.28	7.52	8.16	1.023909986	1.075217134	0	-0.0265741	No
<i>AC034102.3</i>	0.2	0.1	<0.1	NA	0.916666667	NA	0	NA	No
<i>LINC02354</i>	0.69	1.9	<0.1	NA	1.715976331	NA	0.966257	NA	No
<i>AC010203.1</i>	0.32	0	<0.1	NA	0.757575758	NA	0	NA	No
<i>AC121761.1</i>	0.58	0.72	4.75	5.22	1.088607595	1.082317476	0	0	No
<i>AC084824.1</i>	3.24	2.28	<0.1	NA	0.773584906	NA	0	NA	No
<i>AC124947.2</i>	0.36	0.68	<0.1	NA	1.235294118	NA	0	NA	No
<i>AL157935.2</i>	0.59	0.61	<0.1	NA	1.012578616	NA	0	NA	No
<i>AC107032.2</i>	0.6	1.04	<0.1	NA	1.275	NA	0	NA	No
<i>36A-HNRNF</i>	0.24	0.18	<0.1	NA	0.951612903	NA	0	NA	No
<i>AC063948.1</i>	0.64	1.9	<0.1	NA	1.768292683	NA	1.17689	NA	No
<i>PP1R12A-AS</i>	2.04	1.23	3.94	4.17	0.733552632	1.046506591	-0.275093	0	No
<i>GSTP1P1</i>	0.16	0.48	<0.1	NA	1.275862069	NA	0	NA	No
<i>HSPD1P4</i>	0.21	0.15	<0.1	NA	0.950413223	NA	0	NA	No
<i>ZNF625</i>	0.48	0.29	<0.1	NA	0.871621622	NA	0	NA	No
<i>LINC02356</i>	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
<i>SCAT2</i>	0.17	0.34	<0.1	NA	1.145299145	NA	0	NA	No
<i>MYG1-AS1</i>	0.53	0.65	<0.1	NA	1.078431373	NA	0	NA	No
<i>PSMA3-AS1</i>	0.36	0.58	<0.1	NA	1.161764706	NA	0	NA	No
<i>AC004024.1</i>	0.37	0.43	<0.1	NA	1.04379562	NA	0	NA	No
<i>KRT7-AS</i>	0.24	0.19	<0.1	NA	0.959677419	NA	0	NA	No
<i>AC025265.1</i>	0.38	1.74	<0.1	NA	1.985507246	NA	1.49824	NA	No
<i>AC010203.2</i>	0.55	0.14	<0.1	NA	0.735483871	NA	0	NA	No
<i>GIHCG</i>	0.23	0.15	13.59	14.56	0.93495935	1.06670746	0	0	No
<i>LBX2-AS1</i>	0.56	0.99	<0.1	NA	1.275641026	NA	0	NA	No
<i>INAFM1</i>	0.33	0.63	<0.1	NA	1.22556391	NA	0.00964971	NA	No
<i>CNPY2</i>	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
<i>AC089983.1</i>	0.41	0.5	<0.1	NA	1.063829787	NA	0	NA	No
<i>AC073896.3</i>	0.12	0.07	<0.1	NA	0.955357143	NA	0	NA	No
<i>FBNP1P1</i>	0.71	1.28	<0.1	NA	1.333333333	NA	0	NA	No
<i>PRANCR</i>	0.22	0.15	<0.1	NA	0.942622951	NA	0	NA	No
<i>AC121757.1</i>	0.74	0.74	<0.1	NA	1	NA	0	NA	No
<i>AC021066.1</i>	1.42	1.7	9.07	10.62	1.115702479	1.153487623	0	0	No
<i>AC125603.2</i>	0.65	0.22	<0.1	NA	0.739393939	NA	0	NA	No
<i>AC027288.3</i>	13.8	8.26	<0.1	NA	0.625675676	NA	-0.478122	NA	No

<i>CUX1</i>	0.15	0.8	<0.1	NA	1.565217391	NA	0.228216	NA	No
<i>AC008083.2</i>	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No
<i>TEN1</i>	0.28	0.22	<0.1	NA	0.953125	NA	0	NA	No
<i>?RX5-TAX1B</i>	0.9	3.56	8.25	8.42	2.4	1.017847173	1.36294	0	No
<i>HMGA1P3</i>	32.81	27.11	53.43	52.40	0.831410825	0.98110506	-0.055771	-0.0505567	No
<i>AC073569.2</i>	4.59	4.76	97.38	93.19	1.030411449	0.957364594	0	-0.114237	No
<i>AC009779.2</i>	1.3	2.51	<0.1	NA	1.526086957	NA	0	NA	No
<i>AC078923.1</i>	0.24	0.12	<0.1	NA	0.903225806	NA	0	NA	No
<i>AC078820.1</i>	0.35	0.32	<0.1	NA	0.977777778	NA	0	NA	No
<i>AC005841.1</i>	0.41	0.21	<0.1	NA	0.858156028	NA	-0.2887	NA	No
<i>ATXN2-AS</i>	1.11	1.8	<0.1	NA	1.327014218	NA	0	NA	No
<i>AC010173.1</i>	0.91	0.74	<0.1	NA	0.910994764	NA	0	NA	No
<i>MAP1LC3B2</i>	0.12	3.72	<0.1	NA	4.214285714	NA	2.67755	NA	No
<i>AC044802.2</i>	2.14	1.94	<0.1	NA	0.936305732	NA	0	NA	No
<i>AC106782.1</i>	3.65	5.86	4.06	3.97	1.475268817	0.982184434	0.558726	-0.0524902	No
<i>AC133555.3</i>	0.16	0.81	<0.1	NA	1.560344828	NA	0	NA	No
<i>AC073896.4</i>	0.13	0.37	12.58	11.48	1.212389381	0.91926682	0	-0.0257722	No
<i>AC144548.1</i>	0.12	0.12	4.82	4.95	1	1.023185721	0	-0.0585281	No
<i>RPL10P13</i>	0.99	2.14	<0.1	NA	1.577889447	NA	0	NA	No
<i>AC007513.1</i>	9.67	7.69	<0.1	NA	0.81443299	NA	0	NA	No
<i>LINC00592</i>	3.07	7.77	<0.1	NA	2.154791155	NA	0.905553	NA	No
<i>CHURC1</i>	2.59	1.93	<0.1	NA	0.816155989	NA	0	NA	No
<i>BRWD1P2</i>	1.95	1.73	<0.1	NA	0.925423729	NA	0	NA	No
<i>AC009779.3</i>	0.56	0.19	<0.1	NA	0.762820513	NA	0	NA	No
<i>C17orf49</i>	1.65	1.32	<0.1	NA	0.875471698	NA	0	NA	No
<i>AC034102.6</i>	0.88	1.8	<0.1	NA	1.489361702	NA	0.203125	NA	No
<i>AC125611.4</i>	3.36	5.8	6.73	5.75	1.559633028	0.873099654	0.405038	0	No
<i>AC090001.1</i>	0.12	0.49	<0.1	NA	1.330357143	NA	0	NA	No
<i>IFITM3P6</i>	1.46	2.21	<0.1	NA	1.304878049	NA	0.095883	NA	No
<i>RTEL1</i>	0.12	0.32	<0.1	NA	1.178571429	NA	0	NA	No
<i>RCCD1-AS1</i>	0.13	1.46	<0.1	NA	2.17699115	NA	0.5066	NA	No
<i>PPT2-EGFL8</i>	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
<i>LINC02320</i>	0.35	1.06	<0.1	NA	1.525925926	NA	0	NA	No
<i>AL158801.2</i>	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
<i>AL512791.1</i>	3.58	2.7	<0.1	NA	0.807860262	NA	0	NA	No
<i>PDF</i>	2.57	3.55	9.12	10.73	1.274509804	1.159285325	0.191008	0.0112226	No
<i>LINC00641</i>	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
<i>AL132780.2</i>	0.26	0.43	<0.1	NA	1.134920635	NA	0	NA	No

AL160314.2	0.79	0.39	32.17	35.22	0.776536313	1.091938954	-0.113335	0	No
AL139011.2	0.33	0.33	<0.1	NA	1	NA	0	NA	No
CHMP4BP1	0.14	0.09	<0.1	NA	0.956140351	NA	0	NA	No
AL161668.3	0.12	0.08	<0.1	NA	0.964285714	NA	0	NA	No
LINC00239	0.44	0.18	<0.1	NA	0.819444444	NA	0	NA	No
AL157871.2	0.75	0.77	9.02	10.15	1.011428571	1.112502341	0	0	No
AC068896.1	0.32	0.52	<0.1	NA	1.151515152	NA	0	NA	No
AC005519.1	0.42	0.65	5.48	6.72	1.161971831	1.190597053	0	0.0396921	No
AC106028.1	0.82	4.7	<0.1	NA	3.131868132	NA	0.904156	NA	No
RHOQP1	0.25	0.25	<0.1	NA	1	NA	0	NA	No
AL133467.1	0.53	0	<0.1	NA	0.653594771	NA	0	NA	No
AL136298.1	0.45	0.8	1.61	1.86	1.24137931	1.094711187	0.239622	0	No
AL157871.3	0.48	0.62	<0.1	NA	1.094594595	NA	0	NA	No
PPIAP4	0.44	0.36	<0.1	NA	0.944444444	NA	0	NA	No
LINC01629	1.5	1.72	<0.1	NA	1.088	NA	0	NA	No
DNAJC19P9	0.55	1.73	<0.1	NA	1.761290323	NA	0	NA	No
AL117187.1	0.25	0.06	<0.1	NA	0.848	NA	0	NA	No
AL121820.1	3.18	14.96	1.60	0.71	3.818181818	0.658978972	1.64399	0	No
AL049870.2	0.48	0.29	<0.1	NA	0.871621622	NA	0	NA	No
AL160006.1	0.2	0.31	<0.1	NA	1.091666667	NA	0	NA	No
CL2L2-PABPN	0.31	0.43	<0.1	NA	1.091603053	NA	0	NA	No
HSPE1P2	1.12	1.73	<0.1	NA	1.287735849	NA	0	NA	No
IRHGAP5-AS	3.14	3.6	<0.1	NA	1.111111111	NA	0	NA	No
TRIM34	0.27	0.22	<0.1	NA	0.960629921	NA	0	NA	No
HIF1A-AS3	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
LINC01397	0.36	0.91	<0.1	NA	1.404411765	NA	0	NA	No
AC011448.1	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
AL132989.1	0.92	0.74	<0.1	NA	0.90625	NA	0	NA	No
LINC01269	0.46	0.3	<0.1	NA	0.890410959	NA	0	NA	No
LINC00638	2.66	0.3	<0.1	NA	0.355191257	NA	0	NA	No
SRP54-AS1	0.81	0.81	<0.1	NA	1	NA	0	NA	No
LC25A21-AS	0.85	1.85	<0.1	NA	1.540540541	NA	0	NA	No
C20orf141	2.68	3.09	<0.1	NA	1.111413043	NA	0	NA	No
PRC1-AS1	0.48	1.31	28.72	30.15	1.560810811	1.04808018	0.378133	0	No
AL135999.1	3.49	3.66	<0.1	NA	1.037861915	NA	0	NA	No
AL583722.2	1.68	3.41	<0.1	NA	1.645522388	NA	0.488917	NA	No
AL121603.2	0.2	0.22	0.73	1.08	1.016666667	1.200878217	0	0.203967	No
H2AZ2P1	0.35	1.7	<0.1	NA	2	NA	1.18285	NA	No

AL132800.1	0.55	0.18	0.36	0.88	0.761290323	1.381505891	0	0	No
AL359399.1	1.8	3.88	<0.1	NA	1.742857143	NA	0.59871	NA	No
AL049779.2	0.37	0.09	<0.1	NA	0.795620438	NA	0	NA	No
AL355076.2	5.33	9.67	<0.1	NA	1.685624013	NA	0.323774	NA	No
AL589743.2	0.64	1.1	1.20	1.09	1.280487805	0.950575167	0.0302658	0	No
CKS1BP1	0.56	0.77	<0.1	NA	1.134615385	NA	0	NA	No
AL162171.1	0.81	0.89	<0.1	NA	1.044198895	NA	0	NA	No
AL133153.2	0.43	2.12	<0.1	NA	2.181818182	NA	0.594125	NA	No
AL442663.3	0.26	0.17	2.83	3.20	0.928571429	1.095817805	0	-0.0393354	No
RNASE4	0.91	1.37	<0.1	NA	1.240837696	NA	0.0119031	NA	No
AL122035.1	0.15	0.07	<0.1	NA	0.930434783	NA	0	NA	No
MC1R	0.68	1.21	<0.1	NA	1.31547619	NA	0.0300696	NA	No
AL359397.1	0.11	0.25	<0.1	NA	1.126126126	NA	0	NA	No
AL355076.3	0.38	0.87	<0.1	NA	1.355072464	NA	0.377209	NA	No
LINC02321	1.39	0.58	<0.1	NA	0.661087866	NA	0	NA	No
CEP95	0.88	0.79	<0.1	NA	0.95212766	NA	0	NA	No
AL157871.5	1.77	0.72	<0.1	NA	0.620938628	NA	-0.277771	NA	No
LINC01956	0.15	0.05	<0.1	NA	0.913043478	NA	0	NA	No
AL049836.1	0.22	0.67	<0.1	NA	1.368852459	NA	0	NA	No
FOXN3-AS1	0.74	1.64	<0.1	NA	1.517241379	NA	0	NA	No
AL132639.2	0.35	0.35	<0.1	NA	1	NA	0	NA	No
AC004846.2	0.27	0.43	<0.1	NA	1.125984252	NA	0	NA	No
TUBB3	0.27	0.1	1.00	0.62	0.866141732	0.808314515	0	-0.303294	No
AL049870.3	0.19	0.78	<0.1	NA	1.495798319	NA	0	NA	No
AL133523.1	0.21	0.21	<0.1	NA	1	NA	0	NA	No
AC005479.1	0.55	0	<0.1	NA	0.64516129	NA	0	NA	No
AL442663.4	0.79	0.6	<0.1	NA	0.893854749	NA	0	NA	No
AL049872.1	2.04	2.78	8.99	9.63	1.243421053	1.06427058	0.18613	0	No
DNAJC8P1	0.2	0.2	<0.1	NA	1	NA	0	NA	No
VP23C-CDR1	1.2	2.41	<0.1	NA	1.55	NA	0.186851	NA	No
ENSAP2	1.59	4.26	<0.1	NA	2.030888031	NA	0.452649	NA	No
AL121820.2	1.74	1.19	4.34	4.06	0.799270073	0.94817686	0	0	No
ACTN1-AS1	0.47	0.55	<0.1	NA	1.054421769	NA	0	NA	No
AC005520.2	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
PTBP1P	12.33	24.03	<0.1	NA	1.87771943	NA	0.512795	NA	No
AL132639.3	1.62	2.26	<0.1	NA	1.244274809	NA	0	NA	No
KIAA1143P1	0.73	0.54	<0.1	NA	0.89017341	NA	0	NA	No
AL121790.2	0.55	0.74	<0.1	NA	1.122580645	NA	0	NA	No

AL137779.2	0.33	0	<0.1	NA	0.751879699	NA	0	NA	No
NUFC2-KCTD	0.14	0.57	<0.1	NA	1.377192982	NA	0	NA	No
AC005476.2	0.28	0.16	0.37	0.38	0.90625	1.010826355	0	0	No
AC004816.1	7.59	3.34	<0.1	NA	0.50523865	NA	-0.340424	NA	No
AC023024.1	6.51	3.83	<0.1	NA	0.643142477	NA	0	NA	No
PRKXP1	0.51	1.26	0.77	0.34	1.496688742	0.756950095	0	0	No
ITGB3	1.35	0.83	<0.1	NA	0.778723404	NA	0	NA	No
AC013356.2	0.27	1.4	<0.1	NA	1.88976378	NA	0.845583	NA	No
AC027237.2	0.71	1.11	<0.1	NA	1.233918129	NA	0	NA	No
LINC02323	0.24	0.72	<0.1	NA	1.387096774	NA	0	NA	No
AC092755.2	3.12	6.22	<0.1	NA	1.752427184	NA	0.268375	NA	No
AC018904.1	0.12	0.48	<0.1	NA	1.321428571	NA	0	NA	No
LINC01895	2.27	2.84	16.54	19.07	1.174311927	1.144329705	0	0	No
NDUFA3P4	3.83	5.21	<0.1	NA	1.285714286	NA	0	NA	No
AC027088.3	3.52	3.76	<0.1	NA	1.053097345	NA	0	NA	No
AC107241.1	0.12	0.08	<0.1	NA	0.964285714	NA	0	NA	No
AC010809.1	0.24	0.19	0.47	0.45	0.959677419	0.983445963	0	0	No
ZNF710-AS1	0.12	0.63	<0.1	NA	1.455357143	NA	1.44817	NA	No
CSPG4P12	0.15	0.15	<0.1	NA	1	NA	0	NA	No
HX1-C8orf7	0.41	0.14	<0.1	NA	0.808510638	NA	0	NA	No
AC087632.2	0.77	2.17	<0.1	NA	1.790960452	NA	0.696588	NA	No
AF111167.2	0.93	0	<0.1	NA	0.518134715	NA	0	NA	No
AL136295.2	0.39	0.79	<0.1	NA	1.287769784	NA	0	NA	No
INAFM2	0.9	6.38	<0.1	NA	3.884210526	NA	2.23411	NA	No
ST20-MTHFS	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AC015660.1	0.86	1.53	<0.1	NA	1.360215054	NA	0	NA	No
AC025580.1	0.12	0.12	<0.1	NA	1	NA	0	NA	No
TMC3-AS1	0.19	0.29	<0.1	NA	1.084033613	NA	0	NA	No
AC013652.1	0.42	0.79	<0.1	NA	1.26056338	NA	0.0451824	NA	No
AC087482.1	0.12	0.07	<0.1	NA	0.955357143	NA	0	NA	No
AC011921.1	0.69	1.25	5.22	5.40	1.331360947	1.028688177	0	0	No
AC025580.2	0.16	0.06	<0.1	NA	0.913793103	NA	0	NA	No
AC108449.2	0.24	0.66	<0.1	NA	1.338709677	NA	0.565631	NA	No
AL136295.3	0.29	0.07	<0.1	NA	0.829457364	NA	0	NA	No
NDUFB4P11	6.93	9.31	25.12	22.42	1.300126103	0.896636281	0.201748	-0.184131	No
AC090695.1	0.71	0.54	0.72	1.20	0.900584795	1.281466226	0	0.0744709	No
AC087721.1	0.48	0.89	<0.1	NA	1.277027027	NA	0.465044	NA	No
TGIF2-RAB5I	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No

AL022318.2	0.11	0.18	0.29	0.52	1.063063063	1.178077418	0	0	No
AC027237.3	0.27	0.45	<0.1	NA	1.141732283	NA	0.0420523	NA	No
UBE2Q2P2	0.17	0.3	<0.1	NA	1.111111111	NA	0	NA	No
THTPA	0.23	0.15	<0.1	NA	0.93495935	NA	0	NA	No
AC010247.2	1.71	0.41	<0.1	NA	0.520295203	NA	-1.37765	NA	No
MAPK6-DT	0.48	0.19	<0.1	NA	0.804054054	NA	0	NA	No
LINC01833	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
LINC02352	0.14	0.84	<0.1	NA	1.614035088	NA	0.889986	NA	No
ADNP-AS1	0.17	0.09	<0.1	NA	0.931623932	NA	0	NA	No
SORD2P	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC023355.1	0.23	0.17	<0.1	NA	0.951219512	NA	0	NA	No
MRPL46	0.21	0.41	<0.1	NA	1.165289256	NA	0	NA	No
TPM1-AS	0.23	0.59	<0.1	NA	1.292682927	NA	0.508838	NA	No
AL132640.1	0.55	0.78	0.17	0.17	1.148387097	0.997109857	0	0	No
AC027243.1	2.86	2.99	3.81	4.21	1.033678756	1.083904185	0	0	No
AL117209.1	0.14	0.36	<0.1	NA	1.192982456	NA	0	NA	No
LINC02169	0.8	0.37	<0.1	NA	0.761111111	NA	0	NA	No
AC022613.2	0.18	0.26	<0.1	NA	1.06779661	NA	0	NA	No
AL136295.5	0.19	0.19	<0.1	NA	1	NA	0	NA	No
AC090971.4	1.07	2.8	5.25	4.90	1.835748792	0.944069212	0.541008	0	No
CERNA1	0.27	0.47	<0.1	NA	1.157480315	NA	0	NA	No
AC015712.2	0.16	0.33	<0.1	NA	1.146551724	NA	0	NA	No
AC074212.1	0.73	0.73	14.29	18.22	1	1.256830436	0	0.0346477	No
AC104316.2	0.16	0.13	<0.1	NA	0.974137931	NA	0	NA	No
ST20-AS1	0.26	0.17	<0.1	NA	0.928571429	NA	0	NA	No
PIGHP1	0.42	0.21	<0.1	NA	0.852112676	NA	0	NA	No
AC009996.1	0.26	0.52	<0.1	NA	1.206349206	NA	0	NA	No
AC021231.3	0.19	0.19	<0.1	NA	1	NA	0	NA	No
IQCH-AS1	0.37	0.63	<0.1	NA	1.189781022	NA	0	NA	No
IDH2-DT	0.43	0.55	<0.1	NA	1.083916084	NA	0	NA	No
LINC00677	0.31	0.1	<0.1	NA	0.839694656	NA	0	NA	No
HSPE1P3	0.18	0.5	<0.1	NA	1.271186441	NA	0.126153	NA	No
AC004943.2	0.76	0.26	<0.1	NA	0.715909091	NA	-0.897524	NA	No
AL138976.2	1.73	1.36	<0.1	NA	0.864468864	NA	0	NA	No
AC009065.1	0.33	0	<0.1	NA	0.751879699	NA	0	NA	No
HMGB1P6	1.05	1.37	6.76	7.28	1.156097561	1.066534134	0	0	No
AC104758.1	0.95	0.66	<0.1	NA	0.851282051	NA	0	NA	No
AC012640.2	0.33	0	<0.1	NA	0.751879699	NA	0	NA	No

SLC22A31	0.29	0	<0.1	NA	0.775193798	NA	0	NA	No
AC027682.1	0.33	0.36	1.02	1.37	1.022556391	1.17131105	0	-0.108244	No
AC083843.2	0.16	0.41	<0.1	NA	1.215517241	NA	0	NA	No
AC072061.1	0.55	1.46	<0.1	NA	1.587096774	NA	0	NA	No
ELOCP2	0.87	0.52	<0.1	NA	0.812834225	NA	0	NA	No
RAB43P1	1.93	2.65	<0.1	NA	1.245733788	NA	0.185831	NA	No
SH3RF3-AS1	0.31	0.38	<0.1	NA	1.053435115	NA	0	NA	No
AC009113.1	0.22	0.04	<0.1	NA	0.852459016	NA	0	NA	No
AC107375.1	58.42	57.7	<0.1	NA	0.987882868	NA	0	NA	No
AC120498.1	0.11	0.11	<0.1	NA	1	NA	0	NA	No
HNRNPLP2	4.98	4.27	<0.1	NA	0.881270903	NA	0	NA	No
NDUFA5P11	1.72	5.97	29.82	31.95	2.5625	1.069233605	1.38892	0	No
AC009065.2	0.3	0.36	<0.1	NA	1.046153846	NA	0	NA	No
AL050341.2	0.31	0.94	<0.1	NA	1.480916031	NA	0.97394	NA	No
AL138756.1	0.22	1.12	<0.1	NA	1.737704918	NA	0.903354	NA	No
RBM15B	3.22	4.5	<0.1	NA	1.303317536	NA	0	NA	No
AC107068.1	4.18	8.52	<0.1	NA	1.837837838	NA	0.430827	NA	No
AC009120.2	4.03	2.76	<0.1	NA	0.747514911	NA	-0.0691547	NA	No
CDC37P1	1.07	2.51	<0.1	NA	1.695652174	NA	0.661977	NA	No
AC017100.1	0.41	1.2	<0.1	NA	1.560283688	NA	0.627927	NA	No
AL353796.1	0.11	0.11	<0.1	NA	1	NA	0	NA	No
AL133338.1	6.3	5.85	<0.1	NA	0.938356164	NA	0	NA	No
TGFB3L	1.09	0.47	<0.1	NA	0.703349282	NA	0	NA	No
AC027601.1	0.31	1.47	<0.1	NA	1.885496183	NA	0.240207	NA	No
AC107871.1	5.93	6.38	<0.1	NA	1.064935065	NA	0	NA	No
AC132938.2	0.18	0.32	<0.1	NA	1.118644068	NA	0	NA	No
AC010547.2	13.71	22.6	27.39	24.22	1.604350782	0.888204604	0.617533	-0.245691	No
AC040169.1	0.28	0.25	<0.1	NA	0.9765625	NA	0	NA	No
CRIM1-DT	0.2	0.33	<0.1	NA	1.108333333	NA	0	NA	No
HOXB7	0.72	1.61	<0.1	NA	1.51744186	NA	0	NA	No
NORAD	0.27	0.23	<0.1	NA	0.968503937	NA	0	NA	No
AC009090.1	0.21	0.15	<0.1	NA	0.950413223	NA	0	NA	No
AL031600.1	1.3	1.3	<0.1	NA	1	NA	0	NA	No
NSFP1	11.78	8.56	15.47	13.13	0.748043818	0.857708726	-0.178091	-0.160696	No
AC104794.3	0.61	0.82	<0.1	NA	1.130434783	NA	0	NA	No
AF274858.1	0.92	0.52	<0.1	NA	0.791666667	NA	-0.321859	NA	No
AC106886.1	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
MIR762HG	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No

AC007611.1	5.03	4.2	<0.1	NA	0.862354892	NA	0	NA	No
DDX59-AS1	2.48	3.79	<0.1	NA	1.376436782	NA	0	NA	No
AC138028.4	6.58	10.12	2.37	2.09	1.46701847	0.915748899	0.307039	0	No
AC008915.3	61.22	57.92	<0.1	NA	0.946962392	NA	-0.018831	NA	No
AC023825.2	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
AC011468.1	2.44	1.87	<0.1	NA	0.834302326	NA	0	NA	No
AC093249.2	0.11	0.18	0.26	0.17	1.063063063	0.93124929	0	0	No
AC090527.3	0.48	0.61	<0.1	NA	1.087837838	NA	0	NA	No
AC020779.2	0.16	0.09	<0.1	NA	0.939655172	NA	0	NA	No
AC126696.1	0.62	0.53	<0.1	NA	0.944444444	NA	0	NA	No
AL162741.1	1.19	1.31	0.75	0.68	1.054794521	0.959126094	0	-0.289037	No
AL807752.5	0.32	0.1	<0.1	NA	0.833333333	NA	0	NA	No
LINC02846	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
AC124798.1	0.84	0.84	<0.1	NA	1	NA	0	NA	No
CD2BP2-DT	1.8	2.86	<0.1	NA	1.378571429	NA	0	NA	No
KDM7A-DT	0.16	0.48	<0.1	NA	1.275862069	NA	0	NA	No
ZNRD2-AS1	0.24	1.42	<0.1	NA	1.951612903	NA	0.425229	NA	No
AC099778.1	2.44	1.66	<0.1	NA	0.773255814	NA	0	NA	No
PMF1-BGLAF	0.2	0.1	<0.1	NA	0.916666667	NA	0	NA	No
AL035071.1	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
LINC02166	0.35	0.49	<0.1	NA	1.103703704	NA	0	NA	No
SNHG19	0.31	0.07	<0.1	NA	0.816793893	NA	0	NA	No
AC124944.2	0.33	0.39	<0.1	NA	1.045112782	NA	0	NA	No
LINC02562	0.56	1.48	<0.1	NA	1.58974359	NA	0.334892	NA	No
AC026471.1	0.26	0.24	<0.1	NA	0.984126984	NA	0	NA	No
AC105036.3	1.02	4.58	<0.1	NA	2.762376238	NA	1.32717	NA	No
AC093525.2	0.26	0.57	<0.1	NA	1.246031746	NA	0	NA	No
AL359711.2	1.68	1.68	<0.1	NA	1	NA	0	NA	No
AC068338.2	0.87	0.84	<0.1	NA	0.983957219	NA	0	NA	No
AC022167.2	3.93	3.13	11.97	11.18	0.837728195	0.939366415	0	-0.124628	No
AC137932.1	0.75	0.28	<0.1	NA	0.731428571	NA	-0.12945	NA	No
X1B-SULT1A	0.52	1.04	<0.1	NA	1.342105263	NA	0	NA	No
TPSP2	43.77	8.74	153.07	130.71	0.217556399	0.854841164	-1.83838	-0.276977	No
AL133367.1	1	1.28	<0.1	NA	1.14	NA	0	NA	No
TBC1D3G	0.36	0.67	<0.1	NA	1.227941176	NA	0	NA	No
AC092115.1	1.8	2.1	<0.1	NA	1.107142857	NA	0	NA	No
LINC01882	0.83	1.56	<0.1	NA	1.398907104	NA	0	NA	No
AC104024.2	0.11	0.3	<0.1	NA	1.171171171	NA	0	NA	No

AC007541.1	0.12	1.16	<0.1	NA	1.928571429	NA	0.872965	NA	No
AC138811.2	0.56	0.75	<0.1	NA	1.121794872	NA	0	NA	No
AP007216.1	0.51	1.17	<0.1	NA	1.437086093	NA	0.420966	NA	No
AC012173.1	0.63	0.88	<0.1	NA	1.153374233	NA	0	NA	No
AC092287.1	0.17	0.18	17.57	17.83	1.008547009	1.013781064	0	-0.280723	No
AC106028.3	3.24	11.82	<0.1	NA	3.023584906	NA	1.25177	NA	No
AC027373.1	0.87	0.67	<0.1	NA	0.893048128	NA	0	NA	No
AC120024.1	0.16	0.13	<0.1	NA	0.974137931	NA	0	NA	No
AL023284.4	0.11	0.11	<0.1	NA	1	NA	0	NA	No
AL031709.1	0.75	4.59	<0.1	NA	3.194285714	NA	1.99335	NA	No
SCX	2.05	5.54	<0.1	NA	2.144262295	NA	1.07371	NA	No
AC099518.1	0.11	0.4	<0.1	NA	1.261261261	NA	0	NA	No
AC020978.2	0.35	1.33	<0.1	NA	1.725925926	NA	0.0159878	NA	No
ATP2A1-AS1	0.56	1.8	<0.1	NA	1.794871795	NA	0	NA	No
LCMT1-AS1	0.62	0.37	<0.1	NA	0.845679012	NA	0	NA	No
C16orf95	0.69	0.69	<0.1	NA	1	NA	0	NA	No
FTLP14	0.12	0.22	<0.1	NA	1.089285714	NA	0	NA	No
AL049796.1	0.23	0.7	<0.1	NA	1.382113821	NA	0	NA	No
AL353719.1	0.54	0.32	<0.1	NA	0.857142857	NA	0	NA	No
MYL12BP1	1.57	0.86	<0.1	NA	0.723735409	NA	0	NA	No
AC126696.3	0.25	0.25	<0.1	NA	1	NA	0	NA	No
AC010336.2	3.96	10.53	16.91	16.94	2.324596774	1.001946153	0.977462	0	No
AC004381.1	0.39	1.72	<0.1	NA	1.956834532	NA	0.549835	NA	No
AC109347.1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
FAM157C	3.76	9.62	11.44	10.80	2.231092437	0.948907797	0.743872	0	No
AC023043.1	0.12	0.3	1.17	1.15	1.160714286	0.992841379	0	0	No
AC132872.1	2.67	4.39	6.27	3.87	1.46866485	0.670374339	0.4076	-0.540312	No
ERVK13-1	0.33	0.44	<0.1	NA	1.082706767	NA	0	NA	No
AC069224.1	0.7	1.24	<0.1	NA	1.317647059	NA	0	NA	No
AC126773.4	0.31	0.06	<0.1	NA	0.809160305	NA	0	NA	No
AP000223.1	0.32	0.84	<0.1	NA	1.393939394	NA	0	NA	No
AC027702.1	0.21	0.34	<0.1	NA	1.107438017	NA	0	NA	No
STAM-AS1	0.53	0.32	<0.1	NA	0.862745098	NA	0	NA	No
AC009097.2	0.61	0	<0.1	NA	0.621118012	NA	0	NA	No
AL590004.3	0.21	0.21	<0.1	NA	1	NA	0	NA	No
RPL23AP97	0.62	0.25	<0.1	NA	0.771604938	NA	-0.614159	NA	No
AC026471.2	1.84	1.75	<0.1	NA	0.968309859	NA	0	NA	No
SNAI3-AS1	0.94	1.07	<0.1	NA	1.067010309	NA	0	NA	No

AC010207.1	0.52	0.66	1.20	2.06	1.092105263	1.389610565	0	0.429495	No
AC092718.3	0.12	0.19	<0.1	NA	1.0625	NA	0	NA	No
AC127537.1	0.54	0.83	<0.1	NA	1.188311688	NA	0	NA	No
AF213884.3	0.29	0.1	<0.1	NA	0.852713178	NA	0	NA	No
AC107871.2	0.69	1.3	<0.1	NA	1.360946746	NA	0.0451824	NA	No
AL096870.2	0.16	0.27	0.14	0.10	1.094827586	0.961891707	0	0	No
AC010536.2	0.57	0	<0.1	NA	0.636942675	NA	0	NA	No
AP007216.2	0.3	0.81	<0.1	NA	1.392307692	NA	0.834169	NA	No
AC130456.4	0.45	0	<0.1	NA	0.689655172	NA	0	NA	No
AL118516.1	0.28	0.5	<0.1	NA	1.171875	NA	0	NA	No
AC120498.4	1.24	1.16	2.43	2.76	0.964285714	1.097416836	0	0	No
AC026471.3	0.69	1.48	<0.1	NA	1.467455621	NA	0.308554	NA	No
AC022968.1	0.82	0.32	<0.1	NA	0.725274725	NA	-0.476718	NA	No
AC008870.2	0.29	0.14	<0.1	NA	0.88372093	NA	0	NA	No
AC055855.1	0.11	0.11	<0.1	NA	1	NA	0	NA	No
AC021087.3	0.65	0.15	<0.1	NA	0.696969697	NA	0	NA	No
AC009065.4	0.86	0.6	<0.1	NA	0.860215054	NA	0	NA	No
4RHGAP23P1	0.47	0.63	<0.1	NA	1.108843537	NA	0	NA	No
AC003102.1	0.18	0.36	<0.1	NA	1.152542373	NA	0	NA	No
LINC01963	0.24	0.08	<0.1	NA	0.870967742	NA	0	NA	No
AC092803.1	29.2	10.12	<0.1	NA	0.368211921	NA	-1.18513	NA	No
AL163051.1	2	13.68	<0.1	NA	4.893333333	NA	1.69309	NA	No
CEROX1	0.83	0	<0.1	NA	0.546448087	NA	0	NA	No
AL135818.2	0.24	0.12	<0.1	NA	0.903225806	NA	0	NA	No
AC009055.2	0.26	0.42	<0.1	NA	1.126984127	NA	0	NA	No
AC245033.1	0.53	0.11	<0.1	NA	0.725490196	NA	0	NA	No
FBXL19-AS1	0.35	0.63	<0.1	NA	1.207407407	NA	0	NA	No
AC109460.2	0.16	0.87	<0.1	NA	1.612068966	NA	0.228216	NA	No
AP005233.2	0.57	0.82	<0.1	NA	1.159235669	NA	0	NA	No
AC009120.3	0.74	0.74	<0.1	NA	1	NA	0	NA	No
TAT-AS1	0.31	0.27	<0.1	NA	0.969465649	NA	0	NA	No
AC106886.2	1.6	1.43	<0.1	NA	0.934615385	NA	0	NA	No
AL158206.1	1.06	1.17	<0.1	NA	1.053398058	NA	0	NA	No
CCPG1	0.64	0.66	<0.1	NA	1.012195122	NA	0	NA	No
AL158212.3	0.15	0.23	<0.1	NA	1.069565217	NA	0	NA	No
AC009139.1	0.77	1.06	<0.1	NA	1.163841808	NA	0	NA	No
LINC01311	0.12	0.12	<0.1	NA	1	NA	0	NA	No
CAPN10-DT	1.33	2.18	1.34	1.35	1.364806867	1.005258486	0.286461	0	No

AL390195.2	0.36	0.59	<0.1	NA	1.169117647	NA	0	NA	No
AC009093.4	16.38	12.92	<0.1	NA	0.800920598	NA	0	NA	No
AL133297.1	0.42	0.62	<0.1	NA	1.14084507	NA	0	NA	No
AL133297.2	0.2	0.03	<0.1	NA	0.858333333	NA	0	NA	No
AC120498.5	1.7	2.78	<0.1	NA	1.4	NA	0	NA	No
DOCK9-DT	0.35	0.73	<0.1	NA	1.281481481	NA	0	NA	No
AC036103.1	0.91	1.37	10.11	10.54	1.240837696	1.038469741	0.246267	-0.0083381	No
LINC01572	0.38	0.39	<0.1	NA	1.007246377	NA	0	NA	No
AC138304.1	0.41	0.25	<0.1	NA	0.886524823	NA	0	NA	No
WFDC21P	2.7	1.55	1.64	1.22	0.689189189	0.840560585	-0.154461	-0.0003951	No
AC107021.2	0.39	0.29	<0.1	NA	0.928057554	NA	0	NA	No
SULT1A3	0.13	0.13	<0.1	NA	1	NA	0	NA	No
AC092718.4	3.24	3.33	<0.1	NA	1.021226415	NA	0	NA	No
LINC02256	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AC109460.3	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
AL512274.1	0.54	0	<0.1	NA	0.649350649	NA	0	NA	No
AC084783.1	4.44	7.34	<0.1	NA	1.533088235	NA	0.210417	NA	No
AC009053.2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
ZNNT1	0.11	0.23	1.31	0.82	1.108108108	0.789839967	0.279059	0	No
CDC37P2	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
LINC02178	5.74	1.8	0.17	0.08	0.415430267	0.924735814	-1.05093	0	No
AC007066.2	0.13	0.15	<0.1	NA	1.017699115	NA	0	NA	No
AC234775.3	0.17	0.29	<0.1	NA	1.102564103	NA	0	NA	No
AC093904.4	2.17	3.73	<0.1	NA	1.492113565	NA	0.008961	NA	No
LMO7-AS1	1	0.12	<0.1	NA	0.56	NA	-0.695914	NA	No
AC012181.1	0.13	0.34	<0.1	NA	1.185840708	NA	0.251636	NA	No
AC009486.1	2.72	1.82	<0.1	NA	0.758064516	NA	-0.0600814	NA	No
AC092123.1	1.76	0.7	<0.1	NA	0.615942029	NA	-0.0935079	NA	No
AC023908.3	0.11	0.36	<0.1	NA	1.225225225	NA	0	NA	No
AC093525.4	0.79	0.32	<0.1	NA	0.737430168	NA	-0.354929	NA	No
EPPK1	0.99	1.04	<0.1	NA	1.025125628	NA	0	NA	No
AC112484.3	13.08	24.63	<0.1	NA	1.8203125	NA	0.507484	NA	No
AC009154.1	0.46	0.64	<0.1	NA	1.123287671	NA	0	NA	No
AC018845.3	0.16	0.33	<0.1	NA	1.146551724	NA	0	NA	No
SPINT1-AS1	1.27	2.45	<0.1	NA	1.519823789	NA	0.476084	NA	No
Z95115.1	0.6	0.95	0.35	0.60	1.21875	1.185681219	0	0	No
AL031058.1	0.46	0.84	<0.1	NA	1.260273973	NA	0	NA	No
AL031717.1	0.13	0.13	<0.1	NA	1	NA	0	NA	No

AL031123.2	0.15	2.3	<0.1	NA	2.869565217	NA	1.88369	NA	No
AC103706.1	0.11	0.07	<0.1	NA	0.963963964	NA	0	NA	No
ZNF865	0.23	0.12	<0.1	NA	0.910569106	NA	0	NA	No
AC092142.1	0.93	4.67	<0.1	NA	2.937823834	NA	2.10754	NA	No
BOP1	0.13	0.07	<0.1	NA	0.946902655	NA	0	NA	No
AC022165.1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC137932.2	1.86	1.86	<0.1	NA	1	NA	0	NA	No
AC008870.3	18.42	8.84	<0.1	NA	0.50669413	NA	-0.77612	NA	No
AC026470.2	2.1	3.26	<0.1	NA	1.374193548	NA	0.151589	NA	No
AC012181.2	1.14	2.59	<0.1	NA	1.677570093	NA	0.266287	NA	No
ATP2C2-AS1	1.23	1.42	<0.1	NA	1.085201794	NA	0	NA	No
AC005586.2	0.27	0.19	<0.1	NA	0.937007874	NA	0	NA	No
AC055855.2	2.83	2.91	<0.1	NA	1.020887728	NA	0	NA	No
AC005837.1	21.7	12.89	23.12	17.34	0.611894273	0.760171792	-0.615255	-0.474031	No
AC006538.1	0.36	0.88	<0.1	NA	1.382352941	NA	0	NA	No
AC116913.1	77.97	87.28	178.86	169.74	1.117892871	0.949313157	0.101038	-0.166082	No
AC010491.1	1.26	1.61	<0.1	NA	1.154867257	NA	0	NA	No
PECAM1	1.06	2	<0.1	NA	1.45631068	NA	0.126487	NA	No
VPS9D1-AS1	0.17	0.08	<0.1	NA	0.923076923	NA	0	NA	No
PDCD6IPP2	0.24	0.37	<0.1	NA	1.10483871	NA	0	NA	No
AC027682.4	1.25	0.98	<0.1	NA	0.88	NA	0	NA	No
AC007493.2	0.68	0.64	<0.1	NA	0.976190476	NA	0	NA	No
TEN1-CDK3	0.16	0.5	<0.1	NA	1.293103448	NA	0	NA	No
AC012645.3	0.46	0.37	<0.1	NA	0.938356164	NA	0	NA	No
MEM202-AS	0.22	0.06	<0.1	NA	0.868852459	NA	0	NA	No
AC108860.2	0.44	0.34	<0.1	NA	0.930555556	NA	0	NA	No
AC124068.2	0.96	0.91	<0.1	NA	0.974489796	NA	0	NA	No
LINC01003	0.29	0.48	<0.1	NA	1.147286822	NA	0	NA	No
TUBB8	1.71	5.13	20.93	20.12	2.26199262	0.963208472	1.34374	-0.15102	No
AC009690.2	15	17.55	19.47	21.07	1.159375	1.078358733	0.0198844	0	No
UBE2MP1	0.46	0.72	22.47	20.21	1.178082192	0.903652893	0.0212544	-0.0419011	No
AC099518.4	0.27	0.36	<0.1	NA	1.070866142	NA	0	NA	No
AC096921.2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC020978.4	0.62	0.6	5.51	5.52	0.987654321	1.000982239	0	0	No
AC026471.4	0.53	0.59	<0.1	NA	1.039215686	NA	0	NA	No
AC022167.4	0.16	0.3	<0.1	NA	1.120689655	NA	0	NA	No
PAN3-AS1	1.54	2.45	<0.1	NA	1.358267717	NA	0.128139	NA	No
TBILA	0.19	0.14	<0.1	NA	0.957983193	NA	0	NA	No

AC025271.3	13.88	8.9	6.25	4.54	0.665322581	0.764333059	-0.390891	-0.339052	No
AC005674.2	0.19	0.17	0.79	0.64	0.983193277	0.917783749	0	0	No
AC233699.1	0.14	0.27	<0.1	NA	1.114035088	NA	0	NA	No
LINC01686	9.53	9.03	58.15	55.86	0.952516619	0.961329402	0	-0.103378	No
AL031714.1	0.12	0.04	<0.1	NA	0.928571429	NA	0	NA	No
AC092368.3	0.11	0.06	<0.1	NA	0.954954955	NA	0	NA	No
AC009097.4	1	0.7	<0.1	NA	0.85	NA	0	NA	No
AC012615.1	1.19	1.43	<0.1	NA	1.109589041	NA	0	NA	No
AL596244.1	0.54	0.86	<0.1	NA	1.207792208	NA	0	NA	No
AL137782.1	0.63	0.32	2.65	2.46	0.809815951	0.948443107	0	-0.264706	No
SMG1P7	0.11	0.41	<0.1	NA	1.27027027	NA	0	NA	No
AC005829.1	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AP003119.3	0.27	0.21	<0.1	NA	0.952755906	NA	0	NA	No
TMEM249	0.78	0.55	<0.1	NA	0.870786517	NA	0	NA	No
AC005632.3	0.12	0.16	<0.1	NA	1.035714286	NA	0	NA	No
GAN	1.04	0.55	<0.1	NA	0.759803922	NA	-0.31428	NA	No
SUB1P3	5.04	4.87	<0.1	NA	0.971854305	NA	0	NA	No
AC093525.6	0.28	0.48	<0.1	NA	1.15625	NA	0	NA	No
YBX3P1	5.68	3.86	<0.1	NA	0.72754491	NA	-0.108506	NA	No
AC007728.2	0.31	0.23	<0.1	NA	0.938931298	NA	0	NA	No
AC100803.3	0.14	0.22	<0.1	NA	1.070175439	NA	0	NA	No
AC009065.8	0.59	1.53	3.56	4.44	1.591194969	1.192986455	0.812166	0	No
AC134682.1	0.87	1.11	<0.1	NA	1.128342246	NA	0	NA	No
AC136443.4	0.4	0.15	<0.1	NA	0.821428571	NA	-0.148269	NA	No
H2BC20P	0.55	1.17	3.60	2.67	1.4	0.798874298	0.253215	-0.0234852	No
CLCA4-AS1	0.39	1.03	<0.1	NA	1.460431655	NA	0	NA	No
OLA2-SMG1	1	1.76	1.19	1.32	1.38	1.06000239	0.572804	0	No
AC116552.1	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
AC027228.2	0.11	0.21	<0.1	NA	1.09009009	NA	0	NA	No
AC012184.3	0.25	0.2	0.91	0.72	0.96	0.902421391	0	0	No
LINC02582	0.11	0.16	<0.1	NA	1.045045045	NA	0	NA	No
AC009054.2	0.11	0.84	<0.1	NA	1.657657658	NA	1.04202	NA	No
AC006058.1	0.68	0.41	<0.1	NA	0.839285714	NA	0	NA	No
AC005606.2	0.16	0.36	<0.1	NA	1.172413793	NA	0	NA	No
GOLGA8H	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AL033527.2	0.41	0.56	<0.1	NA	1.106382979	NA	0	NA	No
AC007406.5	0.83	1.11	<0.1	NA	1.153005464	NA	0	NA	No
LOXL1-AS1	6.51	5.19	<0.1	NA	0.824234354	NA	-0.0803617	NA	No

AC007342.4	0.36	0.58	<0.1	NA	1.161764706	NA	0	NA	No
AC133565.1	0.6	0.2	<0.1	NA	0.75	NA	0	NA	No
AC138932.3	0.3	0.67	<0.1	NA	1.284615385	NA	0	NA	No
AC090826.1	10.61	12.87	<0.1	NA	1.194659776	NA	0.0747539	NA	No
LINC00662	0.29	0.14	<0.1	NA	0.88372093	NA	0	NA	No
AC093249.6	0.3	0.35	<0.1	NA	1.038461538	NA	0	NA	No
AC087500.1	0.75	0.07	<0.1	NA	0.611428571	NA	-1.35706	NA	No
AC040162.1	0.17	0.39	0.65	0.77	1.188034188	1.075103582	0	0	No
AC005670.1	0.98	0.98	<0.1	NA	1	NA	0	NA	No
AC144831.1	0.3	0.34	<0.1	NA	1.030769231	NA	0	NA	No
AC108134.2	1.36	1.34	<0.1	NA	0.991525424	NA	0	NA	No
AC091153.4	1.84	1.99	<0.1	NA	1.052816901	NA	0	NA	No
MMP25-AS1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC004706.1	1.01	0.34	<0.1	NA	0.666666667	NA	-0.395371	NA	No
DLGAP1-AS2	0.35	0.6	<0.1	NA	1.185185185	NA	0.0692852	NA	No
AC139530.1	0.45	0.26	2.38	2.01	0.868965517	0.890417042	-0.458039	0	No
AC005696.1	2.7	2.74	<0.1	NA	1.010810811	NA	0	NA	No
SNORD3B-2	0.3	0.34	<0.1	NA	1.030769231	NA	0	NA	No
AC040977.1	0.57	0.79	<0.1	NA	1.140127389	NA	0	NA	No
AC027601.2	0.27	0.27	<0.1	NA	1	NA	0	NA	No
AC092115.3	0.14	0.32	<0.1	NA	1.157894737	NA	0	NA	No
AC124283.2	0.36	0.14	<0.1	NA	0.838235294	NA	0	NA	No
LINC00514	0.11	0.44	<0.1	NA	1.297297297	NA	0	NA	No
AC233723.1	0.79	0.9	5.58	5.92	1.061452514	1.051276789	0	0	No
AC116025.2	0.18	0.12	<0.1	NA	0.949152542	NA	0	NA	No
LINC02861	1.65	3.15	<0.1	NA	1.566037736	NA	0.514179	NA	No
LINC01978	4.11	2.46	<0.1	NA	0.677103718	NA	-0.299045	NA	No
AC007952.4	0.84	1.45	<0.1	NA	1.331521739	NA	0	NA	No
AC004771.2	0.54	0.54	<0.1	NA	1	NA	0	NA	No
CORO7	4.05	3.27	<0.1	NA	0.845544554	NA	0	NA	No
AC027796.2	0.13	0.27	<0.1	NA	1.123893805	NA	0	NA	No
HNRNPA1P1	1.54	2.98	<0.1	NA	1.566929134	NA	0	NA	No
AC004233.1	7.23	5.37	<0.1	NA	0.77399757	NA	0	NA	No
AC024361.1	13.07	14.66	<0.1	NA	1.113006397	NA	0.0456235	NA	No
AL160291.1	0.99	0.41	<0.1	NA	0.708542714	NA	0	NA	No
AC007613.1	0.36	0.6	<0.1	NA	1.176470588	NA	0	NA	No
AC087392.4	0.12	0.35	<0.1	NA	1.205357143	NA	0	NA	No
MIR193BHG	0.16	0.88	<0.1	NA	1.620689655	NA	0.904156	NA	No

LINC01569	0.34	0.25	<0.1	NA	0.932835821	NA	0	NA	No
EM256-PLSC	0.19	1.45	<0.1	NA	2.058823529	NA	0.487244	NA	No
AC004034.1	0.71	0.53	34.27	27.96	0.894736842	0.820973912	0	0	No
AC027763.1	0.47	0.93	<0.1	NA	1.31292517	NA	0	NA	No
AC005829.2	0.78	1.45	<0.1	NA	1.376404494	NA	0	NA	No
PCDHGA4	0.44	0.44	<0.1	NA	1	NA	0	NA	No
AC087741.1	0.25	1	<0.1	NA	1.6	NA	0	NA	No
TMEM231P1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC133552.2	0.25	0.21	<0.1	NA	0.968	NA	0	NA	No
AC124283.3	0.22	0.11	<0.1	NA	0.909836066	NA	0	NA	No
AC087222.1	0.61	0.65	<0.1	NA	1.02484472	NA	0	NA	No
AC004771.4	0.19	0.39	1.62	2.02	1.168067227	1.151872999	0.0682497	0	No
AC040160.1	0.54	0.1	6.70	5.64	0.714285714	0.861995594	-0.54519	-0.181161	No
AC116914.2	0.84	0.21	<0.1	NA	0.657608696	NA	0	NA	No
AC009121.3	0.3	0.3	<0.1	NA	1	NA	0	NA	No
AC012676.1	4.1	3.84	<0.1	NA	0.949019608	NA	0	NA	No
AC135050.5	0.23	0.38	0.58	0.64	1.12195122	1.037338592	0	0	No
AC100791.2	0.48	1.08	<0.1	NA	1.405405405	NA	0.586627	NA	No
MRPL12	1.8	1.09	<0.1	NA	0.746428571	NA	0	NA	No
AC127521.1	1.71	0.81	<0.1	NA	0.667896679	NA	-0.107261	NA	No
AC110285.2	0.45	0.81	<0.1	NA	1.248275862	NA	0	NA	No
AC005670.3	0.64	0.53	<0.1	NA	0.932926829	NA	0	NA	No
AC015921.1	0.49	0.49	<0.1	NA	1	NA	0	NA	No
AC027796.4	0.16	0.66	<0.1	NA	1.431034483	NA	0.453193	NA	No
TMPOP2	0.18	0.37	<0.1	NA	1.161016949	NA	0	NA	No
CCNQ	0.39	1.46	<0.1	NA	1.769784173	NA	0.295298	NA	No
ALOX12P2	0.38	0.88	<0.1	NA	1.362318841	NA	0.0974088	NA	No
AC124319.1	1.58	1.38	<0.1	NA	0.92248062	NA	0	NA	No
GTF2I	0.26	0.44	<0.1	NA	1.142857143	NA	0	NA	No
ZNF234	49.8	41.33	165.16	141.08	0.833267717	0.855049996	-0.106591	-0.349058	No
AC007114.1	1.72	1.31	<0.1	NA	0.849264706	NA	0	NA	No
ROCK1P1	0.85	1.38	<0.1	NA	1.286486486	NA	0	NA	No
AC108134.4	1.58	4.35	<0.1	NA	2.073643411	NA	1.28611	NA	No
AL662899.2	0.17	0.48	<0.1	NA	1.264957265	NA	0	NA	No
AC090617.5	1.16	2.2	<0.1	NA	1.481481481	NA	0	NA	No
ZNF213-AS1	0.13	0.18	<0.1	NA	1.044247788	NA	0	NA	No
AC009121.4	18.36	16.97	<0.1	NA	0.928202479	NA	0	NA	No
AC009171.2	1.86	1.95	0.46	0.68	1.031468531	1.150812638	0	0	No

AC040162.3	0.49	0.08	<0.1	NA	0.724832215	NA	0	NA	No
MYZAP	5.11	3.95	22.02	21.37	0.8101473	0.971572017	-0.214939	-0.0443854	No
AC006111.2	0.49	0.97	1.54	1.70	1.322147651	1.064390293	0.393905	0	No
RPS7P1	4.76	4.16	<0.1	NA	0.895833333	NA	0	NA	No
AC004148.1	0.28	0.32	<0.1	NA	1.03125	NA	0	NA	No
AC003965.1	0.53	0.35	<0.1	NA	0.882352941	NA	0	NA	No
AC113189.3	0.11	0.11	<0.1	NA	1	NA	0	NA	No
AC027763.2	0.72	1.69	<0.1	NA	1.563953488	NA	0	NA	No
AC003965.2	0.3	0.39	6.81	5.25	1.069230769	0.799851448	0	-0.172299	No
AC003688.2	1.08	1.79	<0.1	NA	1.341346154	NA	0	NA	No
AC006435.2	0.5	1.18	<0.1	NA	1.453333333	NA	0	NA	No
NFE2L1-DT	1.33	0.77	<0.1	NA	0.759656652	NA	-0.234733	NA	No
SRSF8	1.73	2.22	<0.1	NA	1.179487179	NA	0	NA	No
MAPK8IP1P2	0.35	0.2	<0.1	NA	0.888888889	NA	0	NA	No
FAM72C	60.4	54.04	<0.1	NA	0.896416938	NA	0	NA	No
IKBKE	0.44	0.44	<0.1	NA	1	NA	0	NA	No
AK4P1	0.5	0.13	<0.1	NA	0.753333333	NA	0	NA	No
UBBP4	0.16	0.81	<0.1	NA	1.560344828	NA	0	NA	No
CHORDC1P4	0.5	0.1	<0.1	NA	0.733333333	NA	0	NA	No
AC129492.3	0.81	0.6	<0.1	NA	0.883977901	NA	0	NA	No
AC055811.1	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
PPP4R1-AS1	0.56	0.69	<0.1	NA	1.083333333	NA	0	NA	No
MSMB	0.31	0.44	<0.1	NA	1.099236641	NA	0	NA	No
AC005244.1	7.41	8.92	8.05	7.35	1.179548157	0.922605385	0.0766877	-0.152855	No
AC007639.1	0.22	0.29	<0.1	NA	1.057377049	NA	0	NA	No
AC024619.3	0.21	0.16	3.43	3.61	0.958677686	1.041286642	0	0	No
SEPTIN9-DT	10.58	17.24	<0.1	NA	1.575129534	NA	0.336364	NA	No
AC145207.5	0.12	0.21	<0.1	NA	1.080357143	NA	0	NA	No
AP005230.1	0.12	0.28	<0.1	NA	1.142857143	NA	0	NA	No
LINC00667	9.41	6.5	<0.1	NA	0.720461095	NA	0	NA	No
AC025682.1	0.35	0.43	<0.1	NA	1.059259259	NA	0	NA	No
AC022211.1	0.14	0	0.40	0.10	0.877192982	0.78486172	0	0	No
RDM1P5	0.12	0.17	0.10	0.00	1.044642857	0.909090909	0	0	No
AC112907.3	0.32	1.1	<0.1	NA	1.590909091	NA	0	NA	No
AC022211.2	0.19	0.51	<0.1	NA	1.268907563	NA	0	NA	No
AP005899.1	0.33	0.33	<0.1	NA	1	NA	0	NA	No
AC011840.3	0.52	0.87	<0.1	NA	1.230263158	NA	0	NA	No
SNORD3A	0.3	0.4	<0.1	NA	1.076923077	NA	0	NA	No

<i>NBPF11</i>	0.16	0.22	<0.1	NA	1.051724138	NA	0	NA	No
<i>RN7SL381P</i>	0.62	0.91	5.51	5.50	1.179012346	0.998741186	0.153422	0	No
<i>AC004253.1</i>	0.22	0.13	<0.1	NA	0.926229508	NA	0	NA	No
<i>AC104564.2</i>	0.52	0.22	<0.1	NA	0.802631579	NA	0	NA	No
<i>AC091588.1</i>	0.4	0.44	<0.1	NA	1.028571429	NA	0	NA	No
<i>DND1P1</i>	0.49	0.82	<0.1	NA	1.22147651	NA	0	NA	No
<i>AC138207.2</i>	1.29	0.74	<0.1	NA	0.759825328	NA	-0.0979949	NA	No
<i>AC015813.1</i>	0.49	0	<0.1	NA	0.67114094	NA	0	NA	No
<i>MIR3189</i>	0.38	0.57	<0.1	NA	1.137681159	NA	0	NA	No
<i>AGAP7P</i>	1.38	0.38	0.95	2.11	0.579831933	1.59510268	0	0	No
<i>ANXA8L1</i>	0.71	0.53	2.54	2.95	0.894736842	1.116121919	0	0	No
<i>AP005329.1</i>	0.9	0.72	<0.1	NA	0.905263158	NA	0	NA	No
<i>AC018521.3</i>	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
<i>LINC00909</i>	0.25	0.59	<0.1	NA	1.272	NA	0	NA	No
<i>MIR4322</i>	0.45	0.45	<0.1	NA	1	NA	0	NA	No
<i>AC016866.1</i>	1.56	1.46	<0.1	NA	0.9609375	NA	0	NA	No
<i>ZNF236-DT</i>	0.54	2.6	<0.1	NA	2.337662338	NA	0.40955	NA	No
<i>AC016596.2</i>	0.69	1.18	<0.1	NA	1.289940828	NA	0.284168	NA	No
<i>AC104564.3</i>	0.73	2.93	<0.1	NA	2.271676301	NA	0	NA	No
<i>AC134978.1</i>	0.6	0.57	0.11	0.25	0.98125	1.129447369	0	0	No
<i>NOTCH2NLA</i>	26.92	28.25	1.44	1.60	1.047636103	1.065579588	0	0	No
<i>SNRPGP2</i>	0.15	0.15	<0.1	NA	1	NA	0	NA	No
<i>DYNLL2</i>	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
<i>MIR3193</i>	0.15	0.22	4.22	4.25	1.060869565	1.005319041	0	0	No
<i>MIR4653</i>	2.93	0.73	1.41	0.00	0.440203562	0.414937759	0	0	No
<i>AC138207.4</i>	0.24	0.32	<0.1	NA	1.064516129	NA	0	NA	No
<i>MIR5008</i>	0.74	0.54	<0.1	NA	0.885057471	NA	0	NA	No
<i>MIR3124</i>	33.58	26.7	<0.1	NA	0.801041064	NA	0	NA	No
<i>OTUD7B</i>	0.11	0.34	<0.1	NA	1.207207207	NA	0	NA	No
<i>SUZ12P1</i>	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
<i>AC132872.2</i>	0.45	0.2	<0.1	NA	0.827586207	NA	0	NA	No
<i>DCXR-DT</i>	0.24	0.95	<0.1	NA	1.572580645	NA	0	NA	No
<i>RN7SL15P</i>	36.03	40.05	35.94	37.81	1.108560627	1.050701855	0.0844171	0	No
<i>LINC00526</i>	1.94	0	<0.1	NA	0.340136054	NA	0	NA	No
<i>AC010761.1</i>	5.15	1.29	3.10	0.61	0.372357724	0.393433147	0	0	No
<i>AC138696.1</i>	0.19	0.74	<0.1	NA	1.462184874	NA	0.152328	NA	No
<i>NPY4R2</i>	1.14	0	<0.1	NA	0.46728972	NA	0	NA	No
<i>TTC39C-AS1</i>	0.8	7.17	9.97	9.87	4.538888889	0.991182055	0	0	No

AC145207.8	1.32	1.47	2.74	3.48	1.064655172	1.198463105	0	0.00250441	No
AC016876.3	1.84	2.59	27.26	26.56	1.264084507	0.975265683	0.107857	-0.113518	No
AC068025.1	0.11	0.27	<0.1	NA	1.144144144	NA	0	NA	No
DSG2-AS1	0.23	0.53	<0.1	NA	1.243902439	NA	0	NA	No
AC018521.5	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AC115989.1	0.68	0.85	1.50	0.74	1.101190476	0.6961166	0	-0.66319	No
SH3GL1P2	1.43	0.95	<0.1	NA	0.802469136	NA	0	NA	No
AP001033.1	0.18	0.17	<0.1	NA	0.991525424	NA	0	NA	No
AC090844.2	0.16	0.74	<0.1	NA	1.5	NA	0.420559	NA	No
AGAP12P	0.2	0.2	0.33	0.54	1	1.160636365	0	0	No
AC234063.1	0.19	1.52	<0.1	NA	2.117647059	NA	0.593485	NA	No
AC145343.1	0.13	0.2	<0.1	NA	1.061946903	NA	0	NA	No
FTLP12	0.49	1.75	<0.1	NA	1.845637584	NA	0.13137	NA	No
GJA5	0.11	0.04	0.78	0.54	0.936936937	0.864079822	0	0	No
MIR3153	0.76	1.05	<0.1	NA	1.164772727	NA	0	NA	No
AC004448.3	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
AC016866.2	0.35	0.39	0.12	0.14	1.02962963	1.020581289	0	0	No
AC124283.4	0.67	0.37	<0.1	NA	0.820359281	NA	-0.138966	NA	No
SNORD3B-1	0.39	0.5	<0.1	NA	1.079136691	NA	0	NA	No
ANXA8	0.29	0.67	<0.1	NA	1.294573643	NA	0.0444399	NA	No
AL359922.2	2.62	1.57	<0.1	NA	0.709944751	NA	0	NA	No
MIR4677	0.62	0.89	<0.1	NA	1.166666667	NA	0	NA	No
RBP3	0.83	0.71	<0.1	NA	0.93442623	NA	0	NA	No
RBM8A	3.9	3.77	<0.1	NA	0.973469388	NA	0	NA	No
AC015917.2	0.65	1.95	2.51	2.48	1.787878788	0.99208255	0	0	No
AC132812.1	0.38	0	<0.1	NA	0.724637681	NA	0	NA	No
MIR4263	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AC011933.3	0.12	0.23	<0.1	NA	1.098214286	NA	0	NA	No
MIR5188	0.42	0.35	0.71	0.70	0.950704225	0.996189128	0	0	No
TIMM23	28.07	29.3	8.15	6.27	1.042311662	0.794221129	0	-0.165962	No
AC084125.4	0.48	0.35	<0.1	NA	0.912162162	NA	0	NA	No
AP005329.2	1.34	0	1.29	1.27	0.427350427	0.992197597	0	0	No
AP005212.1	0.15	0.63	<0.1	NA	1.417391304	NA	0.953163	NA	No
AC132938.4	9.85	11.27	20.75	23.87	1.130875576	1.143586326	0.051204	0.07993	No
AC010761.4	0.11	0.22	<0.1	NA	1.099099099	NA	0	NA	No
-UPK3BP1-P	4.32	7	<0.1	NA	1.503759398	NA	0.19876	NA	No
RNF115	2.58	0	2.48	2.45	0.279329609	0.992041267	0	0	No
AC020558.2	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No

AC015922.2	0.95	2.84	<0.1	NA	1.969230769	NA	0	NA	No
MIR3164	77.67	69.73	49.96	46.02	0.899072073	0.922671161	-0.0383159	-0.153825	No
RN7SL605P	1.11	1.42	<0.1	NA	1.146919431	NA	0	NA	No
AC106037.3	1.36	1.54	<0.1	NA	1.076271186	NA	0	NA	No
MIR4664	1.57	0.63	<0.1	NA	0.634241245	NA	0	NA	No
RARA-AS1	0.97	0.73	<0.1	NA	0.878172589	NA	0	NA	No
RPL17	1.13	0.61	<0.1	NA	0.755868545	NA	0	NA	No
MAFG-DT	0.3	0.34	2.04	1.91	1.030769231	0.956287881	0	0	No
AC074143.1	1.47	1.71	11.50	12.45	1.097165992	1.076297098	0	0	No
LINC01970	1.01	1.41	<0.1	NA	1.199004975	NA	0	NA	No
AC135178.4	5.85	12.16	<0.1	NA	1.921167883	NA	0.398351	NA	No
AC090772.3	1.93	0.64	<0.1	NA	0.559726962	NA	0	NA	No
ZNF488	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
AC018413.1	0.24	0.12	<0.1	NA	0.903225806	NA	0	NA	No
AC127024.4	80.57	52.65	166.53	155.52	0.657717298	0.934296408	-0.1005	0	No
AC138207.6	5.47	5.25	0.20	0.40	0.965996909	1.164987988	0	0	No
MIR4292	7.44	6.58	124.76	124.44	0.898104265	0.997448545	0	-0.0444722	No
SEC22B	1.72	2.96	<0.1	NA	1.455882353	NA	0.244971	NA	No
FSBP	0.21	0.19	<0.1	NA	0.983471074	NA	0	NA	No
MIR4516	0.35	0.32	<0.1	NA	0.977777778	NA	0	NA	No
AC015818.5	0.11	0.34	<0.1	NA	1.207207207	NA	0	NA	No
MIR3685	0.51	2.32	<0.1	NA	2.198675497	NA	0.542165	NA	No
AC090912.1	5.82	6.38	1.06	1.09	1.082111437	1.015362563	0	0	No
AC005828.5	0.37	0.27	<0.1	NA	0.927007299	NA	0	NA	No
TXNIP	0.17	0.17	<0.1	NA	1	NA	0	NA	No
AC002091.1	0.13	0.04	<0.1	NA	0.920353982	NA	0	NA	No
AC103810.3	27.13	16.74	26.85	34.94	0.630643441	1.290347434	0	0	No
AC022809.1	11.55	12.27	49.61	54.67	1.057370518	1.099912773	0	0	No
GATA6-AS1	0.2	0.38	0.29	0.31	1.15	1.01611865	0.143821	0	No
SRGAP2	0.62	0	1.79	0.59	0.617283951	0.570498041	0	0	No
AC016888.1	0.17	0.08	<0.1	NA	0.923076923	NA	0	NA	No
VDUFV2-AS1	0.86	0	<0.1	NA	0.537634409	NA	0	NA	No
POLRMTP1	0.56	0.84	<0.1	NA	1.179487179	NA	0	NA	No
BAHCC1	0.15	0.3	<0.1	NA	1.130434783	NA	0	NA	No
RN7SL574P	5.8	13.76	46.14	69.45	2.170588235	1.494388999	1.04511	0.395466	No
AC015813.2	1.15	0.96	<0.1	NA	0.911627907	NA	0	NA	No
AC004585.1	63.48	33.93	<0.1	NA	0.541718362	NA	-0.375042	NA	No
RASSF5	0.12	0.62	<0.1	NA	1.446428571	NA	0	NA	No

MIR4326	0.88	1.31	<0.1	NA	1.228723404	NA	0	NA	No
MIR5587	4.81	4.25	23.44	22.47	0.903614458	0.960506486	-0.0472485	-0.0943835	No
SRP68P1	0.19	0.47	<0.1	NA	1.235294118	NA	0	NA	No
RHOT1P1	0.82	1.19	0.55	1.08	1.203296703	1.344482075	0	0	No
STRADA	0.31	0.52	<0.1	NA	1.160305344	NA	0	NA	No
MIR3186	4.08	4.27	61.03	53.36	1.037401575	0.876318104	0	-0.289974	No
MIR3178	0.36	0	<0.1	NA	0.735294118	NA	0	NA	No
MIR3176	0.14	0.02	<0.1	NA	0.894736842	NA	0	NA	No
GRAMD4P7	0.36	0.72	<0.1	NA	1.264705882	NA	0	NA	No
LINC01910	4.9	5.31	26.16	27.88	1.069491525	1.063245768	0	0	No
AC091588.3	2.72	2.72	3.49	3.45	1	0.991058094	0	0	No
AC098850.3	1.01	5.04	57.23	50.89	3.004975124	0.891040699	0	0	No
AC007952.8	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
AC026254.2	0.49	0.82	<0.1	NA	1.22147651	NA	0	NA	No
MIR4668	0.46	0.54	19.71	23.53	1.054794521	1.184622567	0	0	No
MIR3909	0.63	0	21.17	17.96	0.613496933	0.855187984	0	0	No
NBPF15	0.64	0	5.51	4.85	0.609756098	0.898036719	0	0	No
AC002091.2	2.38	0.59	35.41	35.05	0.470414201	0.990231192	0	0	No
MIR4740	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AP002478.1	0.24	0.14	<0.1	NA	0.919354839	NA	0	NA	No
SNHG25	0.21	0.14	<0.1	NA	0.94214876	NA	0	NA	No
CBX3P2	0.2	0.2	<0.1	NA	1	NA	0	NA	No
NCOA4	0.12	0.12	<0.1	NA	1	NA	0	NA	No
AL449423.1	0.27	0.38	<0.1	NA	1.086614173	NA	0	NA	No
AC005288.1	1.53	0	<0.1	NA	0.395256917	NA	0	NA	No
MRPS21	0.9	0	<0.1	NA	0.526315789	NA	0	NA	No
AC007448.4	2.18	1.21	2.49	2.85	0.694968553	1.103297795	-0.469183	0.144592	No
AC127024.5	0.8	2.79	<0.1	NA	2.105555556	NA	0	NA	No
MIR4641	1.7	5.09	22.85	14.54	2.255555556	0.651516022	0	0	No
AC025198.1	1.67	8.16	<0.1	NA	3.43071161	NA	1.79798	NA	No
MIR4479	4.23	8.84	24.08	29.34	1.881453155	1.209699841	0.204931	0	No
MIR3619	0.41	0.22	0.40	0.50	0.865248227	1.070375986	0	0	No
AP001025.1	49.97	68.68	27.81	31.00	1.367078674	1.110612415	0.387247	0	No
AC018521.6	2.83	1.96	<0.1	NA	0.772845953	NA	0	NA	No
AL135905.1	0.2	0.41	<0.1	NA	1.175	NA	0	NA	No
AP001793.1	21.24	20.43	62.82	62.71	0.963579137	0.9983466	0	-0.0995667	No
AC005224.3	0.39	0.47	<0.1	NA	1.057553957	NA	0	NA	No
MYO15B	0.93	1.39	<0.1	NA	1.238341969	NA	0	NA	No

AC015688.4	0.81	0	<0.1	NA	0.552486188	NA	0	NA	No
TBC1D29P	0.26	0.51	<0.1	NA	1.198412698	NA	0	NA	No
AP005136.3	10.54	9.03	19.55	20.78	0.86915078	1.060055308	0	0	No
AC090912.2	1.29	0	1.24	1.23	0.436681223	0.99381777	0	0	No
AC138207.8	0.14	1.45	<0.1	NA	2.149122807	NA	1.35377	NA	No
AC005993.1	1.28	0	<0.1	NA	0.438596491	NA	-0.0100004	NA	No
MIR4634	0.15	0.53	<0.1	NA	1.330434783	NA	0	NA	No
AP000902.1	0.14	0.07	<0.1	NA	0.938596491	NA	0	NA	No
AC005546.1	1.1	0.74	<0.1	NA	0.828571429	NA	0	NA	No
AC243964.3	1.48	1.31	30.21	29.30	0.931451613	0.970812291	0	-0.116113	No
LINC00663	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
AC008507.1	0.7	1.03	<0.1	NA	1.194117647	NA	0	NA	No
ZNF793-AS1	0.15	0.81	<0.1	NA	1.573913043	NA	0.228216	NA	No
AC005775.1	1	0.96	<0.1	NA	0.98	NA	0	NA	No
AC024592.1	1.84	1.27	<0.1	NA	0.799295775	NA	0	NA	No
AC022916.1	0.44	0.58	<0.1	NA	1.097222222	NA	0	NA	No
AC067852.2	0.99	0	<0.1	NA	0.502512563	NA	0	NA	No
FXVD1	0.29	0.87	<0.1	NA	1.449612403	NA	0	NA	No
AARSD1	0.41	0	<0.1	NA	0.709219858	NA	0	NA	No
AC061992.2	0.97	2.13	<0.1	NA	1.588832487	NA	0.534708	NA	No
AC079466.1	0.25	0.31	0.30	0.26	1.048	0.967337248	0	0	No
AC087289.1	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
AC011444.1	1.22	1.22	<0.1	NA	1	NA	0	NA	No
AC006538.2	0.19	0.13	<0.1	NA	0.949579832	NA	0	NA	No
AC060780.1	0.15	0.15	<0.1	NA	1	NA	0	NA	No
AC007780.1	0.72	0.4	<0.1	NA	0.813953488	NA	0	NA	No
AC011498.1	6.73	8.84	<0.1	NA	1.272962484	NA	0.13408	NA	No
AC023090.1	0.28	0.28	1.19	3.39	1	2.003399081	0	0.432021	No
NTF6A	2.81	2.06	13.49	14.33	0.803149606	1.057659097	-0.0805704	0	No
LRRC37A16P	2.02	2.07	<0.1	NA	1.016556291	NA	0	NA	No
AC008747.1	0.13	0.11	<0.1	NA	0.982300885	NA	0	NA	No
AL136084.1	0.12	0.48	<0.1	NA	1.321428571	NA	0	NA	No
ZNF850	1.51	1.34	<0.1	NA	0.932270916	NA	0	NA	No
AC092143.3	3.05	2.85	<0.1	NA	0.950617284	NA	0	NA	No
AC002398.1	0.37	0.8	<0.1	NA	1.313868613	NA	0.605842	NA	No
AC092296.2	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
AC005336.1	0.38	0.38	<0.1	NA	1	NA	0	NA	No
AC006213.2	0.11	0.32	<0.1	NA	1.189189189	NA	0	NA	No

AC005943.1	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
AC018761.2	2.06	2.53	<0.1	NA	1.153594771	NA	0	NA	No
AP005264.1	0.24	0.36	<0.1	NA	1.096774194	NA	0	NA	No
AC005256.1	0.19	0.06	<0.1	NA	0.890756303	NA	0	NA	No
ASB16-AS1	0.29	1.19	1.60	1.48	1.697674419	0.952412859	1.4598	-0.0170258	No
AC011472.1	2.87	3.34	<0.1	NA	1.121447028	NA	0	NA	No
AC025048.1	0.25	0.25	<0.1	NA	1	NA	0	NA	No
AC008735.1	0.25	0.64	<0.1	NA	1.312	NA	0.447072	NA	No
ILF3-DT	0.9	1.12	<0.1	NA	1.115789474	NA	0	NA	No
AC060766.1	0.22	0.78	<0.1	NA	1.459016393	NA	0.276434	NA	No
ZNF561-AS1	0.27	0	<0.1	NA	0.787401575	NA	0	NA	No
AP001029.1	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AC098848.1	0.51	0.51	<0.1	NA	1	NA	0	NA	No
AC011481.1	5.02	3.03	<0.1	NA	0.669435216	NA	0	NA	No
AC010525.1	2.15	3.87	9.38	12.33	1.546031746	1.283906804	0.504696	0.126003	No
AC008105.3	0.85	1.31	<0.1	NA	1.248648649	NA	0	NA	No
AC012615.4	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
LINC01842	0.33	0.33	<0.1	NA	1	NA	0	NA	No
AC022098.1	16.69	8.83	<0.1	NA	0.555681176	NA	-0.689254	NA	No
AC011472.2	1.19	3.07	<0.1	NA	1.858447489	NA	0.290351	NA	No
PTP4A2P1	0.37	0.32	2.10	1.94	0.96350365	0.949092587	0	0	No
AC006213.3	2.86	2.54	<0.1	NA	0.917098446	NA	0	NA	No
AC006116.5	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
AC011461.1	0.44	0.3	<0.1	NA	0.902777778	NA	0	NA	No
AP001029.2	0.36	0	<0.1	NA	0.735294118	NA	0	NA	No
MIR132	2.58	4.22	<0.1	NA	1.458100559	NA	0.400839	NA	No
LINC01775	0.35	0.62	<0.1	NA	1.2	NA	0	NA	No
AC018761.3	1.04	5.01	<0.1	NA	2.946078431	NA	1.32274	NA	No
AC007773.1	1.15	1.58	<0.1	NA	1.2	NA	0	NA	No
NF8-ERVK3-	0.86	0.55	<0.1	NA	0.833333333	NA	0	NA	No
AC010504.1	0.34	0.67	<0.1	NA	1.246268657	NA	0	NA	No
C17orf113	0.23	1.28	<0.1	NA	1.853658537	NA	0.920218	NA	No
AC104971.1	0.12	0.83	<0.1	NA	1.633928571	NA	0	NA	No
AC012615.6	0.15	0.45	<0.1	NA	1.260869565	NA	0	NA	No
AP005482.2	0.11	0.14	<0.1	NA	1.027027027	NA	0	NA	No
ZNF790-AS1	0.53	0.53	<0.1	NA	1	NA	0	NA	No
ERVE-1	1.15	2.45	<0.1	NA	1.604651163	NA	0	NA	No
AC011476.3	0.28	0.28	<0.1	NA	1	NA	0	NA	No

PARD6G-AS1	0.55	1.32	<0.1	NA	1.496774194	NA	0	NA	No
LINC01140	0.28	0.3	<0.1	NA	1.015625	NA	0	NA	No
AC024575.1	1.1	0.37	<0.1	NA	0.652380952	NA	0	NA	No
MAP3K14-AS	1.39	0.64	<0.1	NA	0.686192469	NA	-0.510039	NA	No
AC090409.1	0.27	0.53	<0.1	NA	1.204724409	NA	0	NA	No
TBX2-AS1	0.87	0.7	<0.1	NA	0.909090909	NA	0	NA	No
AC011481.2	0.3	0	<0.1	NA	0.769230769	NA	0	NA	No
AC005306.1	0.28	0.79	0.44	0.63	1.3984375	1.130289966	0.879659	-0.0378617	No
AC138150.2	0.28	0.56	<0.1	NA	1.21875	NA	0	NA	No
AC008752.3	1.56	1.71	<0.1	NA	1.05859375	NA	0	NA	No
AC008649.1	0.11	0.11	0.26	0.32	1	1.048026418	0	0	No
CEBPA-DT	0.12	0.24	0.71	1.57	1.107142857	1.500820722	0	0.374576	No
LINC01764	1.02	1.49	<0.1	NA	1.232673267	NA	0	NA	No
AC092295.2	1.69	1.18	3.19	4.16	0.810408922	1.230771329	-0.109073	0	No
AC104532.1	0.34	1.43	<0.1	NA	1.813432836	NA	0.55978	NA	No
AC027307.2	0.93	1.02	3.28	3.19	1.046632124	0.978436963	0	0	No
SNHG30	0.5	0.25	<0.1	NA	0.833333333	NA	0	NA	No
SNHG22	0.29	0.17	<0.1	NA	0.906976744	NA	0	NA	No
AC087289.2	1.89	3.07	<0.1	NA	1.408304498	NA	0.241222	NA	No
AC003070.1	0.21	0.07	<0.1	NA	0.884297521	NA	0	NA	No
AC010632.1	0.52	1.45	<0.1	NA	1.611842105	NA	0	NA	No
EIF5AP3	0.78	0.8	<0.1	NA	1.011235955	NA	0	NA	No
GEMIN7-AS1	0.31	0.74	<0.1	NA	1.328244275	NA	0.197023	NA	No
AC012309.1	1.57	2.99	<0.1	NA	1.552529183	NA	0.28461	NA	No
AC005330.1	0.46	0.92	<0.1	NA	1.315068493	NA	0	NA	No
MIR924HG	9.33	9.96	<0.1	NA	1.060987415	NA	0	NA	No
AC011447.3	9.06	9.31	<0.1	NA	1.024850895	NA	0	NA	No
AC011498.4	0.14	0.1	<0.1	NA	0.964912281	NA	0	NA	No
AC036176.1	0.83	0.9	<0.1	NA	1.038251366	NA	0	NA	No
AC004596.1	1.52	1.75	<0.1	NA	1.091269841	NA	0	NA	No
DM1-AS	0.47	0.37	<0.1	NA	0.931972789	NA	0	NA	No
AC025048.4	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AC005498.2	0.26	0.18	<0.1	NA	0.936507937	NA	0	NA	No
AC016582.2	0.23	0.03	<0.1	NA	0.837398374	NA	0	NA	No
DNAH17-AS	0.35	1.12	<0.1	NA	1.57037037	NA	0.0548521	NA	No
LINC02594	0.25	0.12	<0.1	NA	0.896	NA	-0.294259	NA	No
AC003070.2	0.13	0.48	<0.1	NA	1.309734513	NA	1.02944	NA	No
CLEC4O	0.36	0.53	<0.1	NA	1.125	NA	0	NA	No

ZNF582-AS1	1.16	1.9	<0.1	NA	1.342592593	NA	0	NA	No
ZNF571-AS1	1.11	1.62	<0.1	NA	1.241706161	NA	0	NA	No
4RHGAP27P2	1.51	0.78	<0.1	NA	0.709163347	NA	0	NA	No
AC008736.1	0.61	0.15	<0.1	NA	0.714285714	NA	0	NA	No
AP001542.3	0.63	1.11	<0.1	NA	1.294478528	NA	0	NA	No
AC011477.1	0.9	2.09	<0.1	NA	1.626315789	NA	0.413945	NA	No
CIRBP-AS1	0.23	0.38	<0.1	NA	1.12195122	NA	0	NA	No
AC007786.1	0.14	0.87	<0.1	NA	1.640350877	NA	0.628023	NA	No
ZNF887P	0.42	0.14	<0.1	NA	0.802816901	NA	0	NA	No
AC005180.2	0.28	0.83	<0.1	NA	1.4296875	NA	0	NA	No
ZNF285	0.96	5.24	<0.1	NA	3.183673469	NA	1.8641	NA	No
AC020916.1	0.46	0.9	<0.1	NA	1.301369863	NA	0.448799	NA	No
AC008735.2	4.59	6.16	<0.1	NA	1.280858676	NA	0	NA	No
LINC01836	1.6	8.65	<0.1	NA	3.711538462	NA	1.56921	NA	No
S1PR2	0.3	1.42	<0.1	NA	1.861538462	NA	0.00136709	NA	No
AC007229.1	0.12	0.52	<0.1	NA	1.357142857	NA	0	NA	No
AC015802.4	0.75	1.06	3.11	4.77	1.177142857	1.402872533	0	0	No
AC011477.2	0.43	0.2	<0.1	NA	0.839160839	NA	0	NA	No
AC016168.2	0.27	0.68	<0.1	NA	1.322834646	NA	0	NA	No
AC104532.2	0.29	0.48	<0.1	NA	1.147286822	NA	0	NA	No
AC006504.5	0.18	0.37	<0.1	NA	1.161016949	NA	0.187073	NA	No
AC007998.3	3.52	2.05	<0.1	NA	0.674778761	NA	-0.625459	NA	No
AC004134.1	2.86	3.33	<0.1	NA	1.121761658	NA	0	NA	No
AC008759.2	1.32	2.39	<0.1	NA	1.461206897	NA	0.214134	NA	No
AC060766.5	0.52	0.65	<0.1	NA	1.085526316	NA	0	NA	No
AC125437.1	0.18	0.11	<0.1	NA	0.940677966	NA	0	NA	No
AC099811.3	0.13	0.53	<0.1	NA	1.353982301	NA	0	NA	No
FDX2	0.11	0.44	<0.1	NA	1.297297297	NA	0	NA	No
THA1P	0.18	0.27	<0.1	NA	1.076271186	NA	0	NA	No
ZNF224	0.64	0.61	<0.1	NA	0.981707317	NA	0	NA	No
AC135721.1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AC016590.2	2.14	0.71	<0.1	NA	0.544585987	NA	0	NA	No
AC002116.2	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AC020922.1	0.49	0.43	<0.1	NA	0.959731544	NA	0	NA	No
AC024592.2	0.22	0.67	<0.1	NA	1.368852459	NA	0	NA	No
AC010761.6	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
HMGB2P1	4.68	4.52	<0.1	NA	0.971830986	NA	0	NA	No
AC087645.2	0.23	0.19	<0.1	NA	0.967479675	NA	0	NA	No

AC060766.7	0.41	0.56	1.20	0.94	1.106382979	0.883045399	0	0.151533	No
AC011479.1	0.89	0.71	<0.1	NA	0.904761905	NA	0	NA	No
UNDC3A-AS	0.14	0.14	<0.1	NA	1	NA	0	NA	No
AC009005.1	2.58	2.74	<0.1	NA	1.044692737	NA	0	NA	No
AC011498.6	0.56	1.08	<0.1	NA	1.333333333	NA	0.229847	NA	No
AF038458.3	0.13	0.72	<0.1	NA	1.522123894	NA	0.228216	NA	No
SMIM22	0.54	0.81	<0.1	NA	1.175324675	NA	0	NA	No
LIN37	0.17	1.52	<0.1	NA	2.153846154	NA	0.785536	NA	No
AC087289.5	0.56	0.89	<0.1	NA	1.211538462	NA	0	NA	No
NDUFV2P1	0.31	1.1	<0.1	NA	1.603053435	NA	0.13137	NA	No
AP001160.2	0.29	0.78	<0.1	NA	1.379844961	NA	0	NA	No
AC011468.2	0.57	0.48	0.19	0.33	0.942675159	1.118058031	0	0	No
AL592211.1	14.46	4.69	<0.1	NA	0.368046572	NA	-1.18476	NA	No
AC245884.8	0.21	0.42	<0.1	NA	1.173553719	NA	0	NA	No
AC119396.2	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
NDUFA7	0.45	4.46	1.64	1.58	3.765517241	0.976454075	2.41211	0	No
MZF1-AS1	2.09	1.82	11.98	11.86	0.912621359	0.990638465	0	0	No
AL356740.1	1.2	1.06	<0.1	NA	0.936363636	NA	0	NA	No
ZNF460-AS1	1.71	0.77	<0.1	NA	0.653136531	NA	0	NA	No
AC011483.1	0.55	0.11	<0.1	NA	0.716129032	NA	0	NA	No
AL031666.2	0.18	0.45	<0.1	NA	1.228813559	NA	0	NA	No
AC074135.1	0.11	0.11	<0.1	NA	1	NA	0	NA	No
AC024075.1	0.55	0.97	<0.1	NA	1.270967742	NA	0	NA	No
AC008750.2	0.44	0.29	<0.1	NA	0.895833333	NA	0	NA	No
AC007785.1	1.73	0.81	54.57	51.41	0.663003663	0.943084406	-0.227352	0	No
AC008946.1	2.93	2.91	3.63	3.59	0.994910941	0.991970281	0	0	No
AC022762.2	0.7	0.7	<0.1	NA	1	NA	0	NA	No
AC007292.1	1.33	2.52	<0.1	NA	1.510729614	NA	0.274736	NA	No
CARD8-AS1	0.93	0.39	<0.1	NA	0.720207254	NA	-0.445037	NA	No
PTOV1-AS1	0.12	0.19	<0.1	NA	1.0625	NA	0	NA	No
AC005253.1	1.88	5.36	<0.1	NA	2.208333333	NA	0.85081	NA	No
ERFL	0.39	0	<0.1	NA	0.71942446	NA	0	NA	No
NBPF12	0.37	0.37	<0.1	NA	1	NA	0	NA	No
AC018766.1	0.48	2.9	<0.1	NA	2.635135135	NA	0.425229	NA	No
AC012313.2	5.21	4.44	<0.1	NA	0.876006441	NA	0	NA	No
NAPA-AS1	0.16	0.2	<0.1	NA	1.034482759	NA	0	NA	No
FMR1-AS1	0.21	0.5	<0.1	NA	1.239669421	NA	0	NA	No
AC004466.1	0.3	0.62	4.19	3.66	1.246153846	0.896923262	0	-0.023497	No

AC008764.2	0.15	0.06	5.17	7.25	0.92173913	1.336956754	0	0.0883699	No
GABRQ	1.79	0.72	<0.1	NA	0.616487455	NA	-0.558656	NA	No
AC022154.1	0.9	1.46	<0.1	NA	1.294736842	NA	0	NA	No
SLC6A14	0.42	0.53	2.66	3.32	1.077464789	1.180669895	0	0.0336758	No
AC008687.2	0.33	0.33	<0.1	NA	1	NA	0	NA	No
AC010615.2	1.07	0.37	<0.1	NA	0.661835749	NA	0	NA	No
AC026304.1	0.37	0.34	3.92	4.27	0.97810219	1.070385774	0	0	No
AC004076.1	0.2	0.02	<0.1	NA	0.85	NA	0	NA	No
SMIM17	0.2	0.2	<0.1	NA	1	NA	0	NA	No
ZNF114-AS1	0.57	0.57	<0.1	NA	1	NA	0	NA	No
AC005785.1	0.48	0.89	<0.1	NA	1.277027027	NA	0.352761	NA	No
AC002985.1	0.12	0.72	<0.1	NA	1.535714286	NA	0.425229	NA	No
AC010335.1	2.39	1.4	<0.1	NA	0.707964602	NA	-0.386271	NA	No
AC008763.1	0.62	0.1	<0.1	NA	0.679012346	NA	0	NA	No
AC005261.1	0.28	1.03	<0.1	NA	1.5859375	NA	1.21118	NA	No
AC137932.3	0.48	0.29	<0.1	NA	0.871621622	NA	0	NA	No
ARL14EPL	0.36	0.1	<0.1	NA	0.808823529	NA	0	NA	No
AC090004.1	0.19	0.08	<0.1	NA	0.907563025	NA	0	NA	No
AC008687.3	0.12	0.73	<0.1	NA	1.544642857	NA	0	NA	No
LINC02560	0.2	0.67	<0.1	NA	1.391666667	NA	0.0622507	NA	No
FAM156A	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
AC092279.1	0.36	0.89	<0.1	NA	1.389705882	NA	0	NA	No
SMC5-AS1	0.63	1.9	<0.1	NA	1.779141104	NA	0.151905	NA	No
AC025588.1	0.69	1.1	<0.1	NA	1.24260355	NA	0.103141	NA	No
AC132192.2	0.38	0.88	<0.1	NA	1.362318841	NA	0.427732	NA	No
TRMT112P6	0.22	0.14	<0.1	NA	0.93442623	NA	0	NA	No
AC006262.1	0.32	0.44	<0.1	NA	1.090909091	NA	0	NA	No
MIR4453HG	0.54	0.54	<0.1	NA	1	NA	0	NA	No
AC026202.3	0.23	1.05	<0.1	NA	1.666666667	NA	0	NA	No
AC020915.2	0.12	0	<0.1	NA	0.892857143	NA	-1.0127	NA	No
AC008750.4	0.17	0.43	<0.1	NA	1.222222222	NA	0.731288	NA	No
AC005523.1	0.67	0.8	<0.1	NA	1.077844311	NA	0	NA	No
AC012313.4	0.23	0.44	<0.1	NA	1.170731707	NA	0	NA	No
AC003956.1	1.77	1.16	<0.1	NA	0.779783394	NA	0	NA	No
AC011815.1	0.86	0.57	<0.1	NA	0.844086022	NA	0	NA	No
AC011466.1	0.16	0.8	<0.1	NA	1.551724138	NA	1.51164	NA	No
AC073389.1	1.25	1.35	<0.1	NA	1.044444444	NA	0	NA	No
AC115522.1	0.33	0.05	<0.1	NA	0.789473684	NA	0	NA	No

AC053503.4	3.08	6.57	<0.1	NA	1.855392157	NA	0.768125	NA	No
AC008878.2	0.23	0.23	<0.1	NA	1	NA	0	NA	No
IGFL2-AS1	0.26	0.64	<0.1	NA	1.301587302	NA	0	NA	No
AP003680.1	1.62	0.22	<0.1	NA	0.465648855	NA	-0.490541	NA	No
AC008687.4	0.45	0.3	<0.1	NA	0.896551724	NA	0	NA	No
AC016586.1	0.15	0.28	<0.1	NA	1.113043478	NA	0	NA	No
AC010643.1	0.12	0.15	<0.1	NA	1.026785714	NA	0	NA	No
AL158151.4	0.27	0.6	<0.1	NA	1.25984252	NA	0	NA	No
AC008737.1	0.48	3.84	<0.1	NA	3.27027027	NA	1.23594	NA	No
AC010522.1	0.67	0.25	<0.1	NA	0.748502994	NA	0	NA	No
AC104534.1	0.11	0.06	<0.1	NA	0.954954955	NA	0	NA	No
AC027307.3	3.83	19.5	<0.1	NA	4.244306418	NA	2.11164	NA	No
AC004264.1	0.12	0.12	<0.1	NA	1	NA	0	NA	No
AL118506.1	0.24	0.76	<0.1	NA	1.419354839	NA	0	NA	No
ESPMP	0.47	0.78	<0.1	NA	1.210884354	NA	0	NA	No
AC008758.5	0.25	0.63	<0.1	NA	1.304	NA	0.39909	NA	No
IGFL1P1	0.42	0	<0.1	NA	0.704225352	NA	0	NA	No
PNMA6B	0.43	0.86	<0.1	NA	1.300699301	NA	0	NA	No
AC008750.6	1.2	2.03	<0.1	NA	1.377272727	NA	0	NA	No
A1BG-AS1	0.19	9.53	<0.1	NA	8.848739496	NA	3.42788	NA	No
AL627309.6	0.68	0.92	<0.1	NA	1.142857143	NA	0	NA	No
AC012313.5	4.04	3.56	<0.1	NA	0.904761905	NA	0	NA	No
CSAG3	5.83	9.89	<0.1	NA	1.59443631	NA	0.533124	NA	No
AC005387.1	0.24	0.36	<0.1	NA	1.096774194	NA	0	NA	No
LINC01711	0.35	0	<0.1	NA	0.740740741	NA	0	NA	No
CKS1BP3	1.19	12.46	<0.1	NA	6.146118721	NA	1.93007	NA	No
AC002128.1	0.13	0.49	<0.1	NA	1.318584071	NA	0	NA	No
AC022150.2	0.29	0.1	<0.1	NA	0.852713178	NA	0	NA	No
MAN1B1-D7	1.24	1.31	1.54	1.19	1.03125	0.86397268	0	0	No
AC092070.2	1.7	2.9	<0.1	NA	1.444444444	NA	0	NA	No
10MER3-AS	0.34	0.3	<0.1	NA	0.970149254	NA	0	NA	No
AC003006.1	0.44	2.27	<0.1	NA	2.270833333	NA	0.868908	NA	No
AP001462.1	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
BNIP3P24	0.11	0.33	<0.1	NA	1.198198198	NA	0	NA	No
AC024075.2	6.99	9.24	<0.1	NA	1.281602003	NA	0	NA	No
AC012313.6	0.74	0.47	<0.1	NA	0.844827586	NA	0	NA	No
AC009955.4	0.33	2.49	<0.1	NA	2.62406015	NA	0.989547	NA	No
TPRG1LP1	3.03	4.02	<0.1	NA	1.245657568	NA	0	NA	No

AC010320.3	1	4.2	<0.1	NA	2.6	NA	1.64364	NA	No
AL009178.2	0.13	0.32	<0.1	NA	1.168141593	NA	0	NA	No
AP001160.3	0.19	0.06	<0.1	NA	0.890756303	NA	0	NA	No
FBXO17	0.24	0.35	<0.1	NA	1.088709677	NA	0	NA	No
AC005387.2	0.29	0	<0.1	NA	0.775193798	NA	0	NA	No
AC019171.1	0.15	0.29	<0.1	NA	1.12173913	NA	0	NA	No
ZNF350-AS1	0.42	0.68	<0.1	NA	1.183098592	NA	0	NA	No
AC010422.3	0.29	0.1	<0.1	NA	0.852713178	NA	0	NA	No
AC011445.1	0.77	5.48	<0.1	NA	3.661016949	NA	1.65488	NA	No
AC020922.3	0.12	0.24	<0.1	NA	1.107142857	NA	0	NA	No
SCAN16-AS	0.35	0.12	<0.1	NA	0.82962963	NA	0	NA	No
MAGIX	0.77	0.84	<0.1	NA	1.039548023	NA	0	NA	No
AC007292.2	7.23	7.23	<0.1	NA	1	NA	0	NA	No
IKBKG	0.61	0.12	<0.1	NA	0.695652174	NA	0	NA	No
ZNF587B	0.3	0.46	<0.1	NA	1.123076923	NA	0	NA	No
PTOV1-AS2	0.26	1.41	<0.1	NA	1.912698413	NA	1.70443	NA	No
AL356740.2	1.4	0.57	<0.1	NA	0.654166667	NA	0	NA	No
AC011497.2	1.24	0	<0.1	NA	0.446428571	NA	0	NA	No
AC022149.1	0.68	1.17	<0.1	NA	1.291666667	NA	0	NA	No
RAB11B-AS1	0.48	0.21	1.48	2.14	0.817567568	1.266757591	-0.424262	0	No
AC018755.3	0.81	0.67	0.68	0.65	0.922651934	0.983418688	0	0	No
AC008655.2	0.12	0.12	<0.1	NA	1	NA	0	NA	No
AC011503.2	0.89	1.4	2.99	3.69	1.26984127	1.174661397	0.227737	0	No
AC008764.6	3.45	4.44	34.55	39.24	1.22247191	1.131885464	0	0.00693911	No
AC008750.7	0.17	0.33	<0.1	NA	1.136752137	NA	0	NA	No
LINC01224	1.42	1.5	<0.1	NA	1.033057851	NA	0	NA	No
AC104521.1	76.37	79.44	<0.1	NA	1.039679462	NA	0	NA	No
AC024075.3	2.36	3	3.72	3.34	1.19047619	0.918628125	0	-0.0903059	No
AC010618.3	0.44	0.36	<0.1	NA	0.944444444	NA	0	NA	No
AP001160.4	0.7	0.35	<0.1	NA	0.794117647	NA	0	NA	No
AC010326.2	0.46	0.82	<0.1	NA	1.246575342	NA	0	NA	No
AL589765.6	0.62	1.16	<0.1	NA	1.333333333	NA	0.0675868	NA	No
AC011483.2	1.16	2.33	<0.1	NA	1.541666667	NA	0	NA	No
CYP4F23P	2.48	3.07	0.88	0.99	1.16954023	1.060353958	0	0	No
AC003002.3	0.77	0.38	<0.1	NA	0.779661017	NA	0	NA	No
AC011466.3	0.2	0.7	<0.1	NA	1.416666667	NA	0	NA	No
TMEM185A	0.84	1.14	<0.1	NA	1.163043478	NA	0	NA	No
GPR32P1	0.14	0.14	<0.1	NA	1	NA	0	NA	No

RPARP-AS1	0.73	0.58	<0.1	NA	0.913294798	NA	0	NA	No
AC011510.1	0.19	0.1	<0.1	NA	0.924369748	NA	0	NA	No
NOP53-AS1	0.11	0.22	<0.1	NA	1.099099099	NA	0	NA	No
AC008760.1	0.58	2.16	<0.1	NA	2	NA	1.01315	NA	No
AC008982.2	0.22	0.4	<0.1	NA	1.147540984	NA	0	NA	No
AC008687.6	0.21	1.22	<0.1	NA	1.834710744	NA	0.558135	NA	No
NBPF9	1.39	1.64	2.84	3.80	1.10460251	1.249604202	0	0	No
AC006262.2	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
SLC25A53	0.7	1.18	3.13	3.39	1.282352941	1.062491907	0.277333	0	No
AC010463.3	0.56	0	<0.1	NA	0.641025641	NA	0	NA	No
AC022150.4	0.79	1.09	<0.1	NA	1.167597765	NA	0	NA	No
ZNF528-AS1	1.32	1.95	<0.1	NA	1.271551724	NA	0	NA	No
IPO5P1	0.54	0.22	<0.1	NA	0.792207792	NA	0	NA	No
AC008537.2	0.51	0.25	<0.1	NA	0.82781457	NA	0	NA	No
AL136172.1	1.03	0.96	1.12	1.57	0.965517241	1.210750058	0	0.297284	No
RNF225	0.25	0.13	<0.1	NA	0.904	NA	0	NA	No
EGLN2	0.26	0.31	0.23	0.14	1.03968254	0.925986887	0	0	No
AC008735.3	0.32	0.11	<0.1	NA	0.840909091	NA	0	NA	No
AC010326.3	0.83	3.71	<0.1	NA	2.573770492	NA	1.61666	NA	No
AL391001.1	0.47	1.04	<0.1	NA	1.387755102	NA	0.584944	NA	No
AC078802.1	1.06	2	0.48	0.60	1.45631068	1.081270478	0.374871	0	No
AC125494.2	0.22	0.33	<0.1	NA	1.090163934	NA	0	NA	No
SNHG8	0.54	0.96	<0.1	NA	1.272727273	NA	0	NA	No
AC018809.1	0.32	4.32	<0.1	NA	4.03030303	NA	2.13541	NA	No
AL513477.1	2.5	2.4	37.00	38.53	0.971428571	1.040323641	0	0	No
AC018695.2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC025857.2	0.63	0.87	<0.1	NA	1.147239264	NA	0	NA	No
AC010531.5	0.37	0.22	<0.1	NA	0.890510949	NA	0	NA	No
AC025165.4	0.57	0.57	<0.1	NA	1	NA	0	NA	No
AL606834.1	0.16	0.08	<0.1	NA	0.931034483	NA	0	NA	No
AL049840.4	7.08	4.01	111.12	124.95	0.620049505	1.123373121	-0.632303	0	No
AP006621.4	0.39	0	<0.1	NA	0.71942446	NA	0	NA	No
AC068620.1	0.24	0.75	<0.1	NA	1.411290323	NA	0.334507	NA	No
AC024451.4	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
Z98884.2	1.8	0.45	<0.1	NA	0.517857143	NA	0	NA	No
IRLET7A1H	0.59	0.12	<0.1	NA	0.704402516	NA	0	NA	No
AC092720.2	0.25	0.12	<0.1	NA	0.896	NA	0	NA	No
AL049840.5	3.28	0.72	<0.1	NA	0.401869159	NA	-0.686718	NA	No

AC135178.6	1.9	2.69	<0.1	NA	1.272413793	NA	0	NA	No
AC069307.1	0.2	1	<0.1	NA	1.666666667	NA	0	NA	No
AC090181.2	0.51	0.5	<0.1	NA	0.993377483	NA	0	NA	No
AL049840.6	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AC010359.2	0.95	0.14	<0.1	NA	0.584615385	NA	0	NA	No
AL136115.2	0.65	0.94	<0.1	NA	1.175757576	NA	0	NA	No
AC010969.2	0.16	0.22	<0.1	NA	1.051724138	NA	0	NA	No
AL359881.1	0.7	0.87	<0.1	NA	1.1	NA	0	NA	No
AL627309.7	0.32	0.16	<0.1	NA	0.878787879	NA	0	NA	No
AC018809.2	0.36	0	<0.1	NA	0.735294118	NA	0	NA	No
AC078795.1	0.16	0.95	<0.1	NA	1.681034483	NA	0.113972	NA	No
AC036176.3	4.28	5.66	<0.1	NA	1.261363636	NA	0	NA	No
AC005479.2	0.63	1.05	<0.1	NA	1.257668712	NA	0	NA	No
AC010531.6	0.36	0	<0.1	NA	0.735294118	NA	0	NA	No
AC232271.1	0.23	0.31	<0.1	NA	1.06504065	NA	0	NA	No
AC110769.2	0.2	0.2	<0.1	NA	1	NA	0	NA	No
AL020997.3	8.28	6.96	<0.1	NA	0.857758621	NA	0	NA	No
AC027243.2	0.14	0.27	<0.1	NA	1.114035088	NA	0	NA	No
AC025165.5	0.14	0.22	<0.1	NA	1.070175439	NA	0	NA	No
AC009061.2	0.13	0.26	<0.1	NA	1.115044248	NA	0	NA	No
AC121493.1	0.25	0.12	<0.1	NA	0.896	NA	0	NA	No
AC090589.3	6	6.13	<0.1	NA	1.018571429	NA	0	NA	No
AC068790.5	0.28	0.85	<0.1	NA	1.4453125	NA	0.577096	NA	No
AL356488.2	0.17	0.17	<0.1	NA	1	NA	0	NA	No
MIR222HG	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
AL021878.2	0.15	0.3	<0.1	NA	1.130434783	NA	0	NA	No
GAS5-AS1	0.18	0.65	<0.1	NA	1.398305085	NA	0	NA	No
AC068790.6	0.52	0.36	<0.1	NA	0.894736842	NA	0	NA	No
AL049840.7	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AC007728.3	0.47	0.28	<0.1	NA	0.870748299	NA	0	NA	No
TERC	0.45	0.45	<0.1	NA	1	NA	0	NA	No
AL591806.3	0.13	0.13	<0.1	NA	1	NA	0	NA	No
AC004918.3	0.46	0.5	<0.1	NA	1.02739726	NA	0	NA	No
NCBP2AS2	0.4	0.8	<0.1	NA	1.285714286	NA	0	NA	No
AC023509.3	0.59	0.59	0.74	0.59	1	0.911824174	0	0	No
AC104109.2	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AP002840.2	0.39	0.1	<0.1	NA	0.791366906	NA	0	NA	No
AC018695.4	0.21	0.29	<0.1	NA	1.066115702	NA	0	NA	No

AC097359.2	0.2	0	0.80	0.68	0.833333333	0.931647942	0	0	No
AC016773.2	1.01	0.88	<0.1	NA	0.935323383	NA	0	NA	No
AC104695.2	1.33	1.27	<0.1	NA	0.974248927	NA	0	NA	No
NBPF8	99.67	85.99	<0.1	NA	0.86411046	NA	-0.0905984	NA	No
AC104687.2	0.28	0.96	<0.1	NA	1.53125	NA	0	NA	No
AC104819.3	0.53	0.6	<0.1	NA	1.045751634	NA	0	NA	No
IMMP1LP1	0.25	0.17	<0.1	NA	0.936	NA	0	NA	No
BNIP3P10	0.7	2.48	<0.1	NA	2.047058824	NA	0.276434	NA	No
H4C15	0.98	1.39	<0.1	NA	1.207070707	NA	0	NA	No
POC1B-AS1	0.95	0.76	<0.1	NA	0.902564103	NA	0	NA	No
HMG3-AS1	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
CAHM	2.82	2.42	2.85	3.75	0.895287958	1.234433968	0	0.158571	No
AC099343.2	0.47	0	<0.1	NA	0.680272109	NA	0	NA	No
AC135506.1	0.3	0.69	<0.1	NA	1.3	NA	0	NA	No
AC106900.1	0.44	0	<0.1	NA	0.694444444	NA	0	NA	No
AC073413.1	0.19	0.09	<0.1	NA	0.915966387	NA	0	NA	No
AL391422.4	0.11	0.06	<0.1	NA	0.954954955	NA	0	NA	No
AC025449.1	0.18	0.22	<0.1	NA	1.033898305	NA	0	NA	No
AL160281.1	0.56	1.05	1.73	1.84	1.314102564	1.038884674	0.16338	0	No
CD1P6-NPIP4	1.19	0.72	2.09	2.30	0.785388128	1.067088911	0	0	No
AC046185.2	0.78	0.47	<0.1	NA	0.825842697	NA	0	NA	No
AL353622.1	1.16	0.42	<0.1	NA	0.657407407	NA	-0.423432	NA	No
AC009549.1	0.84	0.17	<0.1	NA	0.635869565	NA	0	NA	No
NBPF14	0.15	0.15	<0.1	NA	1	NA	0	NA	No
TAF15	5.4	3.52	<0.1	NA	0.70625	NA	-0.299061	NA	No
AC079610.1	0.2	0.1	<0.1	NA	0.916666667	NA	0	NA	No
AL021918.1	0.52	0	<0.1	NA	0.657894737	NA	0	NA	No
YTHDF3-AS1	0.74	1.88	<0.1	NA	1.655172414	NA	0.743079	NA	No
AL161669.2	0.26	0.13	<0.1	NA	0.896825397	NA	0	NA	No
AL035413.1	0.69	1.02	<0.1	NA	1.195266272	NA	0	NA	No
AL355877.1	1.81	3.36	<0.1	NA	1.551601423	NA	0.346064	NA	No
HSPE1-MOB2	0.26	0.16	0.81	0.88	0.920634921	1.037777459	0	0.161689	No
AL355353.1	32.32	32.4	72.97	91.51	1.00240096	1.250578424	0	0.0774289	No
PDLIM1P1	0.15	0.15	<0.1	NA	1	NA	0	NA	No
PS10-NUDT	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
AC010326.4	3.35	2.75	5.30	4.46	0.862068966	0.867439071	0	0	No
AC092032.1	44.55	55.94	<0.1	NA	1.250054885	NA	0	NA	No
AC015849.3	0.31	0.51	<0.1	NA	1.152671756	NA	0	NA	No

AL136038.6	0.15	0.15	<0.1	NA	1	NA	0	NA	No
RASL10B	0.66	0.36	6.02	7.42	0.819277108	1.199505008	0	0	No
AL161911.1	1.13	2.1	<0.1	NA	1.455399061	NA	0	NA	No
AC010719.1	0.11	0.11	<0.1	NA	1	NA	0	NA	No
RAP2CP1	1.82	2.94	96.12	84.98	1.397163121	0.885261929	0.373512	-0.224089	No
MTDHP1	2.97	2.4	<0.1	NA	0.856423174	NA	0	NA	No
AL121917.2	0.32	0	<0.1	NA	0.757575758	NA	0	NA	No
LPP-AS2	0.66	1.09	<0.1	NA	1.259036145	NA	0	NA	No
AC019257.2	0.3	0.13	<0.1	NA	0.869230769	NA	0	NA	No
AC111186.1	1.23	2.19	<0.1	NA	1.430493274	NA	0.364835	NA	No
AC027644.2	0.29	0	<0.1	NA	0.775193798	NA	0	NA	No
LCD4-RWDC	0.43	0.36	<0.1	NA	0.951048951	NA	0	NA	No
AC008555.4	1.75	1.46	<0.1	NA	0.894545455	NA	0	NA	No
AC026412.3	0.34	0.34	<0.1	NA	1	NA	0	NA	No
AC018647.2	0.14	0.55	<0.1	NA	1.359649123	NA	0	NA	No
AC004130.2	1.01	0.67	1.36	1.09	0.830845771	0.887418443	0	-0.1084	No
VCX5-GPRA	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
AC008745.1	0.41	1.64	<0.1	NA	1.872340426	NA	0	NA	No
AL161729.1	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
AC007029.1	0.14	0.19	<0.1	NA	1.043859649	NA	0	NA	No
AL033384.2	0.3	0.09	<0.1	NA	0.838461538	NA	0	NA	No
AL353807.4	0.9	0.61	<0.1	NA	0.847368421	NA	0	NA	No
SRXN1	1.71	1.37	<0.1	NA	0.874538745	NA	0	NA	No
AL117336.2	2.15	1.85	<0.1	NA	0.904761905	NA	0	NA	No
HTATSF1P2	0.19	0.15	0.63	0.80	0.966386555	1.104744261	0	0	No
AL451085.2	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
AL161729.3	0.27	1.33	<0.1	NA	1.834645669	NA	0.688509	NA	No
AL445228.3	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
RPL23AP90	0.47	0	<0.1	NA	0.680272109	NA	0	NA	No
NBPF10	0.21	0.83	<0.1	NA	1.512396694	NA	0	NA	No
AC011247.2	13.83	7.46	16.75	14.65	0.570465273	0.881509376	-0.670136	-0.20623	No
MMP28	1.76	3.71	<0.1	NA	1.706521739	NA	0.483937	NA	No
AC005034.5	3.39	3.81	1.12	1.77	1.095671982	1.308873697	0	0.223517	No
CCL5	1.07	0.67	<0.1	NA	0.806763285	NA	0	NA	No
BNIP3P11	0.32	0	<0.1	NA	0.757575758	NA	0	NA	No
AL355297.3	0.11	0.06	<0.1	NA	0.954954955	NA	0	NA	No
AC113139.1	0.23	0.23	<0.1	NA	1	NA	0	NA	No
AL359504.1	0.11	0.16	0.36	0.38	1.045045045	1.016984296	0	0	No

AL583832.1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AL671883.2	32.51	18.41	<0.1	NA	0.579230081	NA	-0.693677	NA	No
LIX1L	0.23	0.11	<0.1	NA	0.902439024	NA	0	NA	No
MILR1	0.28	0.47	<0.1	NA	1.1484375	NA	0	NA	No
ATP2B1-AS1	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
AC112220.2	0.22	0.22	<0.1	NA	1	NA	0	NA	No
AC099343.3	1.1	1.37	<0.1	NA	1.128571429	NA	0	NA	No
AC025062.2	0.14	0.27	<0.1	NA	1.114035088	NA	0	NA	No
AL161729.4	3.99	4.36	<0.1	NA	1.074148297	NA	0	NA	No
AC233280.2	0.31	0.59	13.33	13.72	1.213740458	1.026906967	0.0819504	0	No
AC233992.2	8.15	5.38	11.50	11.39	0.69726776	0.990874982	-0.280831	-0.0183609	No
AC069236.1	0.32	0.68	<0.1	NA	1.272727273	NA	0.204931	NA	No
AC010501.2	0.33	0.67	<0.1	NA	1.255639098	NA	0.258763	NA	No
Z98200.1	0.96	1.3	<0.1	NA	1.173469388	NA	0	NA	No
AC008608.2	0.16	0.24	<0.1	NA	1.068965517	NA	0	NA	No
AP003392.4	0.22	0.56	<0.1	NA	1.278688525	NA	0	NA	No
AC112187.3	0.5	1.5	<0.1	NA	1.666666667	NA	0.151905	NA	No
AL031118.1	0.3	0.2	<0.1	NA	0.923076923	NA	0	NA	No
AL118558.3	0.35	0.17	<0.1	NA	0.866666667	NA	0	NA	No
AC026740.1	0.16	0.44	<0.1	NA	1.24137931	NA	0	NA	No
AL031055.1	0.23	0.11	<0.1	NA	0.902439024	NA	0	NA	No
AC008875.1	2.57	3.47	<0.1	NA	1.25210084	NA	0	NA	No
AC008897.3	0.26	0.77	<0.1	NA	1.404761905	NA	0	NA	No
PLS3-AS1	0.39	0	<0.1	NA	0.71942446	NA	0	NA	No
AL445222.2	0.65	0.07	<0.1	NA	0.648484848	NA	-1.28277	NA	No
AC012557.1	3.62	3.37	<0.1	NA	0.945887446	NA	0	NA	No
AL162258.1	2.1	2.97	<0.1	NA	1.280645161	NA	0	NA	No
AC073195.1	0.25	0.17	<0.1	NA	0.936	NA	0	NA	No
AL096865.1	0.33	0.13	<0.1	NA	0.84962406	NA	0	NA	No
CYB561D2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC104118.1	0.26	0.59	<0.1	NA	1.261904762	NA	0	NA	No
AC026979.2	0.17	0.43	<0.1	NA	1.222222222	NA	0	NA	No
AC024060.2	0.26	0.09	<0.1	NA	0.865079365	NA	0	NA	No
AC005740.4	0.59	0.54	<0.1	NA	0.968553459	NA	0	NA	No
AP001330.4	2.01	2.68	<0.1	NA	1.222591362	NA	0	NA	No
AL136162.1	2.71	1.56	<0.1	NA	0.690026954	NA	0	NA	No
AL109811.2	1.73	1.78	19.54	22.23	1.018315018	1.13106925	0	0	No
AC034236.2	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No

AC016877.3	0.13	0.4	<0.1	NA	1.238938053	NA	0	NA	No
AC012073.1	1.62	1.73	<0.1	NA	1.041984733	NA	0	NA	No
AC104187.1	0.17	0.06	<0.1	NA	0.905982906	NA	0	NA	No
AC098614.2	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AC100803.4	0.84	1.04	<0.1	NA	1.108695652	NA	0	NA	No
AC021321.1	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
U47924.1	0.3	0.93	<0.1	NA	1.484615385	NA	0.0523193	NA	No
AC141002.1	0.53	4.24	<0.1	NA	3.424836601	NA	1.23594	NA	No
AC012467.2	1.74	2.8	<0.1	NA	1.386861314	NA	0	NA	No
AL354872.1	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No
FO704657.1	1.02	1.09	<0.1	NA	1.034653465	NA	0	NA	No
AL139274.2	0.25	0.18	<0.1	NA	0.944	NA	0	NA	No
AL121944.2	0.14	0.14	<0.1	NA	1	NA	0	NA	No
AL162258.2	0.62	0.12	<0.1	NA	0.691358025	NA	0	NA	No
ANKRD34A	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
SNORD14A	0.54	0.52	<0.1	NA	0.987012987	NA	0	NA	No
AP002907.1	0.34	0.23	<0.1	NA	0.917910448	NA	0	NA	No
AC010245.2	0.67	0.27	<0.1	NA	0.760479042	NA	0	NA	No
AL445647.1	0.14	0.04	<0.1	NA	0.912280702	NA	0	NA	No
GTF2H5	0.23	0.54	<0.1	NA	1.25203252	NA	0	NA	No
AL365181.2	0.46	1.17	<0.1	NA	1.48630137	NA	0	NA	No
AC005618.1	0.15	0.52	0.46	0.58	1.32173913	1.080330165	0.454643	0	No
AL139423.1	2.35	0	3.91	7.74	0.298507463	1.780736294	0	0	No
AC004233.2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC008972.2	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
AC025181.2	0.48	0.36	<0.1	NA	0.918918919	NA	0	NA	No
AL512413.1	1.57	2.03	2.95	3.31	1.178988327	1.091223146	0.0746408	0	No
AC087623.2	2.54	3.15	<0.1	NA	1.172316384	NA	0	NA	No
AL024498.1	0.14	0.24	<0.1	NA	1.087719298	NA	0	NA	No
AL513218.1	0.11	0.29	<0.1	NA	1.162162162	NA	0.452649	NA	No
Z84492.1	3.58	2.78	<0.1	NA	0.825327511	NA	0	NA	No
AL691432.2	0.11	0.65	<0.1	NA	1.486486486	NA	0	NA	No
AC233992.3	8.07	7.06	<0.1	NA	0.888643881	NA	0	NA	No
AC006058.3	0.42	0	<0.1	NA	0.704225352	NA	0	NA	No
AL359715.3	0.39	0.53	<0.1	NA	1.100719424	NA	0	NA	No
AC091946.2	0.58	0.8	<0.1	NA	1.139240506	NA	0	NA	No
AC022400.4	0.27	0.55	<0.1	NA	1.220472441	NA	0	NA	No
AL390719.2	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No

LYRM4-AS1	2.39	2.07	<0.1	NA	0.90560472	NA	0	NA	No
AC025171.4	2.54	4.4	<0.1	NA	1.525423729	NA	0	NA	No
NFYC-AS1	2.35	2.4	<0.1	NA	1.014925373	NA	0	NA	No
ARF4-AS1	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
AC013403.2	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AL365330.1	0.13	0.04	<0.1	NA	0.920353982	NA	0	NA	No
AL355385.1	5.74	4.33	<0.1	NA	0.790801187	NA	0	NA	No
AC138696.2	0.11	0.14	<0.1	NA	1.027027027	NA	0	NA	No
U47924.2	0.31	0.05	<0.1	NA	0.801526718	NA	0	NA	No
AC005041.3	0.57	1.46	7.09	8.38	1.566878981	1.159407061	0.433943	0	No
AP003392.5	0.18	0.42	<0.1	NA	1.203389831	NA	0	NA	No
AL024508.1	0.45	0.33	<0.1	NA	0.917241379	NA	0	NA	No
AC100812.1	0.81	1.01	<0.1	NA	1.110497238	NA	0	NA	No
AL356512.1	0.78	0.91	<0.1	NA	1.073033708	NA	0	NA	No
H2AC19	1.68	1.92	<0.1	NA	1.089552239	NA	0	NA	No
RN7SL803P	0.44	1.66	<0.1	NA	1.847222222	NA	0.377013	NA	No
AC097358.2	1.07	1.23	<0.1	NA	1.077294686	NA	0	NA	No
AL451050.2	0.66	2.63	<0.1	NA	2.186746988	NA	0	NA	No
AL645940.1	0.4	0.34	<0.1	NA	0.957142857	NA	0	NA	No
AL645933.2	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AL136304.1	0.12	0.83	<0.1	NA	1.633928571	NA	0.819838	NA	No
AL645939.5	0.28	0.47	<0.1	NA	1.1484375	NA	0	NA	No
AC004908.1	0.35	0	<0.1	NA	0.740740741	NA	0	NA	No
AC080013.5	0.18	0.37	<0.1	NA	1.161016949	NA	0	NA	No
AC044849.1	2.35	0.94	<0.1	NA	0.579104478	NA	-0.0935079	NA	No
AC021242.3	0.81	0.18	<0.1	NA	0.651933702	NA	0	NA	No
AL138724.1	1.24	1.19	<0.1	NA	0.977678571	NA	0	NA	No
LINC00551	0.53	0	<0.1	NA	0.653594771	NA	0	NA	No
AC092687.3	0.22	0.44	<0.1	NA	1.180327869	NA	0	NA	No
AL031963.3	1.48	1.09	<0.1	NA	0.842741935	NA	0	NA	No
AL451165.2	0.16	0.16	<0.1	NA	1	NA	0	NA	No
AC096887.1	0.23	0.3	<0.1	NA	1.056910569	NA	0	NA	No
AL021368.2	0.12	0.19	<0.1	NA	1.0625	NA	0	NA	No
AL022345.1	6.58	10.75	<0.1	NA	1.550131926	NA	0.340284	NA	No
AC026801.2	0.11	0.3	<0.1	NA	1.171171171	NA	0.251636	NA	No
NUDT3	3.13	1.9	<0.1	NA	0.702179177	NA	0	NA	No
AC007128.2	0.75	0.25	<0.1	NA	0.714285714	NA	0	NA	No
KMT2B	3.69	2.19	<0.1	NA	0.680170576	NA	-0.0149294	NA	No

AC093297.2	0.18	0.21	<0.1	NA	1.025423729	NA	0	NA	No
AL137003.1	0.15	0.08	<0.1	NA	0.939130435	NA	0	NA	No
AL031775.1	0.79	0	<0.1	NA	0.558659218	NA	0	NA	No
AC116036.2	0.34	0.72	<0.1	NA	1.28358209	NA	0	NA	No
AC074032.1	3.6	2.99	38.76	35.31	0.867391304	0.913106911	-0.0744461	-0.199362	No
AC008035.1	0.41	0.64	<0.1	NA	1.163120567	NA	0	NA	No
AL008729.2	6.13	8.77	23.01	24.06	1.37026648	1.043649995	0.38988	-0.0487661	No
AC025171.5	0.38	0.32	<0.1	NA	0.956521739	NA	0	NA	No
AC016405.3	0.17	0.38	<0.1	NA	1.179487179	NA	0	NA	No
POM121C	0.12	0.18	<0.1	NA	1.053571429	NA	0	NA	No
CD24	0.69	0.92	<0.1	NA	1.136094675	NA	0	NA	No
AL031775.2	0.72	0.57	<0.1	NA	0.912790698	NA	0	NA	No
AL365181.3	0.24	1.91	<0.1	NA	2.346774194	NA	0.593485	NA	No
AC025175.1	0.23	1.02	<0.1	NA	1.642276423	NA	0	NA	No
BX284668.6	0.23	1.33	<0.1	NA	1.894308943	NA	0.558135	NA	No
AL031432.3	0.5	0.75	<0.1	NA	1.166666667	NA	0	NA	No
AL645608.6	4.46	6.28	20.90	18.64	1.333333333	0.896816889	0.33091	-0.265843	No
AL118558.4	125.21	125.82	0.27	0.20	1.004833214	0.94684115	0	0	No
AL135925.1	0.26	0.53	<0.1	NA	1.214285714	NA	0	NA	No
AL139246.5	8.68	14.57	<0.1	NA	1.608471074	NA	0.56237	NA	No
MRPL20-DT	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AC113194.1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AC139795.3	0.33	0.66	<0.1	NA	1.248120301	NA	0	NA	No
U91328.1	0.76	0.91	<0.1	NA	1.085227273	NA	0	NA	No
AL357054.4	0.33	0.66	<0.1	NA	1.248120301	NA	0	NA	No
AL021807.1	1.04	0.53	<0.1	NA	0.75	NA	0	NA	No
AC006273.1	3.39	3	<0.1	NA	0.911161731	NA	0	NA	No
AL024507.2	1.97	2.24	<0.1	NA	1.090909091	NA	0	NA	No
AC254633.1	0.11	0.64	<0.1	NA	1.477477477	NA	0	NA	No
AL662844.4	0.59	0.2	<0.1	NA	0.754716981	NA	0	NA	No
AL645608.7	0.37	0.57	<0.1	NA	1.145985401	NA	0	NA	No
AC036214.2	0.11	0.11	<0.1	NA	1	NA	0	NA	No
LINC01023	0.57	0.95	<0.1	NA	1.242038217	NA	0	NA	No
AC099522.2	1.49	2.29	<0.1	NA	1.321285141	NA	0	NA	No
SNORA28	0.69	1.78	<0.1	NA	1.644970414	NA	0.701831	NA	No
AL662797.1	6.97	10.68	<0.1	NA	1.465495609	NA	0	NA	No
GTF2IP13	0.94	1.13	<0.1	NA	1.097938144	NA	0	NA	No
AC012511.1	0.26	0.13	<0.1	NA	0.896825397	NA	0	NA	No

AL138762.1	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
AL596325.2	4.41	3.92	9.76	5.36	0.909426987	0.590738602	0	-0.420946	No
AP000347.1	1.65	0.72	<0.1	NA	0.649056604	NA	0	NA	No
AL031587.3	0.85	0	<0.1	NA	0.540540541	NA	0	NA	No
AL592494.2	0.21	0.62	<0.1	NA	1.338842975	NA	0	NA	No
AC016394.1	0.25	0.4	<0.1	NA	1.12	NA	0.0672022	NA	No
ZNF595	0.24	0.24	<0.1	NA	1	NA	0	NA	No
AC015982.2	0.26	0.16	<0.1	NA	0.920634921	NA	0	NA	No
AFAP1-AS1	0.53	0	<0.1	NA	0.653594771	NA	0	NA	No
GTF2IP20	0.12	0.11	<0.1	NA	0.991071429	NA	0	NA	No
AC079766.1	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
AC005020.2	2.3	1.73	<0.1	NA	0.827272727	NA	0	NA	No
AL358472.2	0.28	0.89	<0.1	NA	1.4765625	NA	0	NA	No
POLR2J4	0.41	1.11	<0.1	NA	1.496453901	NA	0.742954	NA	No
AC024933.1	0.69	1.72	<0.1	NA	1.609467456	NA	0	NA	No
AC090425.2	5.65	5.14	<0.1	NA	0.923308271	NA	-0.0012202	NA	No
AC073352.1	1.78	2.38	7.83	7.82	1.215827338	0.99907889	0.0446847	0	No
AC093635.1	0.13	0.38	<0.1	NA	1.221238938	NA	0	NA	No
KLHDC7B-D1	0.19	0.13	<0.1	NA	0.949579832	NA	0	NA	No
AC012306.2	0.6	0.23	<0.1	NA	0.76875	NA	0	NA	No
AL590560.3	2.33	2.7	2.66	3.21	1.111111111	1.150841756	0	0	No
AL021707.6	0.15	0.15	<0.1	NA	1	NA	0	NA	No
PCDHB16	0.38	0.38	<0.1	NA	1	NA	0	NA	No
AC124016.1	0.11	0.64	<0.1	NA	1.477477477	NA	0	NA	No
AC004471.2	0.58	0.87	<0.1	NA	1.183544304	NA	0	NA	No
WASL-DT	4.44	3.64	<0.1	NA	0.852941176	NA	0	NA	No
AC004832.4	4.16	7.2	<0.1	NA	1.589147287	NA	0.195468	NA	No
AC010997.4	0.46	0.48	<0.1	NA	1.01369863	NA	0	NA	No
AC073107.1	0.22	0.65	<0.1	NA	1.352459016	NA	0	NA	No
GAS6-DT	0.31	0.23	0.40	0.57	0.938931298	1.123305746	0	0.235327	No
AL359091.3	1.3	1.41	<0.1	NA	1.047826087	NA	0	NA	No
AC010913.1	0.11	0.07	<0.1	NA	0.963963964	NA	0	NA	No
AC019069.1	0.84	0.61	<0.1	NA	0.875	NA	0	NA	No
AL157904.1	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
AL121658.1	0.36	0.25	<0.1	NA	0.919117647	NA	0	NA	No
AC112236.2	1.2	0.82	<0.1	NA	0.827272727	NA	0	NA	No
AL022322.1	1.62	2.29	<0.1	NA	1.255725191	NA	0	NA	No
AC131235.2	0.19	0.56	<0.1	NA	1.31092437	NA	0	NA	No

AC107214.2	0.44	0.24	<0.1	NA	0.861111111	NA	0	NA	No
15P-PVRIG2F	0.8	1.96	<0.1	NA	1.644444444	NA	0.415186	NA	No
AC083798.2	0.56	0.98	<0.1	NA	1.269230769	NA	0	NA	No
AL596094.1	0.83	0.9	<0.1	NA	1.038251366	NA	0	NA	No
JMJD1C-AS1	0.44	0.76	<0.1	NA	1.222222222	NA	0	NA	No
AC004854.2	0.15	0.37	<0.1	NA	1.191304348	NA	0	NA	No
AC104109.3	1.94	1.25	<0.1	NA	0.765306122	NA	0	NA	No
AC019131.2	0.25	0.34	<0.1	NA	1.072	NA	0	NA	No
AC245060.4	0.73	1.26	22.15	24.11	1.306358382	1.084638466	0.209279	0	No
AC253536.6	0.15	0.22	<0.1	NA	1.060869565	NA	0	NA	No
AC126283.1	0.19	0.77	<0.1	NA	1.487394958	NA	0	NA	No
AC006238.1	2.32	1.24	10.10	10.34	0.674698795	1.021375547	-0.166676	0	No
AC007038.1	0.19	0.33	<0.1	NA	1.117647059	NA	0	NA	No
AC015712.6	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC004908.2	0.12	0.12	<0.1	NA	1	NA	0	NA	No
AC073610.2	4.2	1.38	<0.1	NA	0.457692308	NA	-0.895369	NA	No
AL844908.1	0.4	0.48	<0.1	NA	1.057142857	NA	0	NA	No
AC002470.1	0.44	0.59	<0.1	NA	1.104166667	NA	0	NA	No
AC027644.3	0.4	0.2	<0.1	NA	0.857142857	NA	0	NA	No
AL022328.1	0.36	0.07	<0.1	NA	0.786764706	NA	0	NA	No
AL139393.3	1.36	1.08	<0.1	NA	0.881355932	NA	0	NA	No
AL391834.1	0.84	0.56	<0.1	NA	0.847826087	NA	0	NA	No
AC074044.1	0.4	0.2	<0.1	NA	0.857142857	NA	0	NA	No
AC084018.1	0.9	0.66	<0.1	NA	0.873684211	NA	0	NA	No
AC069544.1	1.22	0.54	<0.1	NA	0.693693694	NA	0	NA	No
AP000525.1	1.06	0.96	<0.1	NA	0.951456311	NA	0	NA	No
DCP1A	0.11	0.11	<0.1	NA	1	NA	0	NA	No
LINC01578	0.32	0.61	<0.1	NA	1.21969697	NA	0	NA	No
AC004982.2	0.38	0.29	<0.1	NA	0.934782609	NA	0	NA	No
ATP6V1FNB	0.68	0.53	<0.1	NA	0.910714286	NA	0	NA	No
TBC1D8-AS1	1.78	2.8	<0.1	NA	1.366906475	NA	0	NA	No
AL353708.3	4.76	1.55	<0.1	NA	0.442708333	NA	-0.912718	NA	No
AL122035.2	1	1.08	<0.1	NA	1.04	NA	0	NA	No
AC090425.3	4.35	5.49	4.02	4.71	1.213084112	1.137862081	0.1322	0	No
AC009237.14	4.46	5.26	23.16	22.15	1.146520147	0.958350859	0.031214	0	No
AC107294.1	0.28	0.59	<0.1	NA	1.2421875	NA	0	NA	No
AC107464.2	0.59	1.58	<0.1	NA	1.622641509	NA	0.824328	NA	No
AC099568.2	0.22	0.43	<0.1	NA	1.172131148	NA	0	NA	No

AL391121.1	0.38	1.24	<0.1	NA	1.623188406	NA	0	NA	No
AP001412.1	0.11	0.14	<0.1	NA	1.027027027	NA	0	NA	No
AC093799.1	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC092171.4	0.91	1.14	<0.1	NA	1.120418848	NA	0	NA	No
BAK-RBAKD	0.11	0.23	<0.1	NA	1.108108108	NA	0	NA	No
AC107294.2	0.15	0.22	<0.1	NA	1.060869565	NA	0	NA	No
AL365181.4	1	1	<0.1	NA	1	NA	0	NA	No
AL008721.2	14.58	13.18	<0.1	NA	0.910141207	NA	0	NA	No
AC093388.1	0.22	0.15	<0.1	NA	0.942622951	NA	0	NA	No
AC084036.1	0.18	0.28	<0.1	NA	1.084745763	NA	0	NA	No
AC012360.3	0.51	0.68	<0.1	NA	1.112582781	NA	0	NA	No
AL355388.1	0.15	0.05	0.42	0.30	0.913043478	0.913052382	0	0	No
ARL2-SNX15	1.22	1.19	<0.1	NA	0.986486486	NA	0	NA	No
AL078644.1	0.39	0.2	<0.1	NA	0.863309353	NA	0	NA	No
AC009229.3	0.11	0.13	<0.1	NA	1.018018018	NA	0	NA	No
AC010864.1	0.5	0.62	<0.1	NA	1.08	NA	0	NA	No
AL360270.3	0.74	0.53	<0.1	NA	0.879310345	NA	0	NA	No
AL353600.1	0.26	0.65	<0.1	NA	1.30952381	NA	0.351632	NA	No
AC018645.3	2.45	1.21	<0.1	NA	0.64057971	NA	-0.435023	NA	No
AC008124.1	0.25	0.25	8.52	8.57	1	1.005656807	0	-0.298594	No
AL358472.3	0.14	0.28	<0.1	NA	1.122807018	NA	0	NA	No
AL844908.2	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
DGCR5	1.17	1.27	<0.1	NA	1.046082949	NA	0	NA	No
LINC02035	0.48	1.03	<0.1	NA	1.371621622	NA	0	NA	No
AL365203.2	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AL022334.2	2.04	1.13	<0.1	NA	0.700657895	NA	0	NA	No
C2orf15	1.96	1.34	<0.1	NA	0.790540541	NA	-0.266933	NA	No
CDC37L1-D1	0.39	0.9	<0.1	NA	1.366906475	NA	0	NA	No
AL449106.1	0.58	0.46	<0.1	NA	0.924050633	NA	0	NA	No
AC017083.1	0.14	0.24	0.45	0.57	1.087719298	1.080402232	0.0872105	0	No
AL355987.4	0.36	0.55	<0.1	NA	1.139705882	NA	0	NA	No
AL021707.7	0.6	0.49	<0.1	NA	0.93125	NA	0	NA	No
AC009309.2	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
AC092171.5	1.12	0.48	0.11	0.22	0.698113208	1.096252943	-0.306196	0	No
AL021707.8	0.35	0.78	<0.1	NA	1.318518519	NA	0	NA	No
AL121929.2	0.19	0.65	<0.1	NA	1.386554622	NA	0.0622507	NA	No
AC133528.1	0.16	0.22	<0.1	NA	1.051724138	NA	0	NA	No
AC144652.1	0.57	0.63	<0.1	NA	1.038216561	NA	0	NA	No

<i>PACERR</i>	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
<i>AL355312.3</i>	1.16	1.74	<0.1	NA	1.268518519	NA	0	NA	No
<i>NBPF26</i>	0.34	1.3	<0.1	NA	1.71641791	NA	0.152328	NA	No
<i>AL022328.2</i>	1.46	0.58	<0.1	NA	0.642276423	NA	0	NA	No
<i>AP001269.4</i>	0.11	0.6	<0.1	NA	1.441441441	NA	0.228216	NA	No
<i>LINC02604</i>	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
<i>AL355512.1</i>	10.67	11.9	<0.1	NA	1.105398458	NA	0	NA	No
<i>BX537318.1</i>	0.52	0.52	<0.1	NA	1	NA	0	NA	No
<i>LINC00653</i>	26.9	11.64	<0.1	NA	0.453046595	NA	-0.725297	NA	No
<i>AC073957.3</i>	0.74	0.63	<0.1	NA	0.936781609	NA	0	NA	No
<i>AL121845.3</i>	3.01	1.5	<0.1	NA	0.623441397	NA	-0.0449294	NA	No
<i>AL133215.2</i>	1.57	0.63	<0.1	NA	0.634241245	NA	0	NA	No
<i>AC108673.2</i>	1.12	1.3	<0.1	NA	1.08490566	NA	0	NA	No
<i>AC093726.2</i>	0.11	0.9	<0.1	NA	1.711711712	NA	1.49118	NA	No
<i>AL359091.4</i>	2.08	1.86	<0.1	NA	0.928571429	NA	0	NA	No
<i>AL022328.3</i>	0.63	0.45	<0.1	NA	0.889570552	NA	0	NA	No
<i>AL671710.1</i>	0.44	0.34	<0.1	NA	0.930555556	NA	0	NA	No
<i>AP000692.2</i>	2.53	1.96	<0.1	NA	0.838526912	NA	0	NA	No
<i>AC006946.2</i>	0.6	0.93	<0.1	NA	1.20625	NA	0	NA	No
<i>AC104506.1</i>	0.47	1.42	<0.1	NA	1.646258503	NA	0	NA	No
<i>AC069148.1</i>	0.47	0	<0.1	NA	0.680272109	NA	0	NA	No
<i>AC000068.2</i>	1.31	2.09	<0.1	NA	1.337662338	NA	0	NA	No
<i>FAM25BP</i>	0.16	0.39	<0.1	NA	1.198275862	NA	0	NA	No
<i>AL391834.2</i>	0.71	0.2	<0.1	NA	0.701754386	NA	-0.226777	NA	No
<i>AC102953.2</i>	0.67	1.03	<0.1	NA	1.215568862	NA	0	NA	No
<i>Z82243.1</i>	0.3	0.06	<0.1	NA	0.815384615	NA	-0.231512	NA	No
<i>AC097376.3</i>	1.25	1.37	<0.1	NA	1.053333333	NA	0	NA	No
<i>OR7E39P</i>	1.25	0.35	<0.1	NA	0.6	NA	0	NA	No
<i>AL022328.4</i>	0.23	0.46	<0.1	NA	1.18699187	NA	0	NA	No
<i>AF129075.2</i>	0.39	5.1	<0.1	NA	4.388489209	NA	1.85216	NA	No
<i>AC092953.2</i>	0.69	0.59	<0.1	NA	0.940828402	NA	0	NA	No
<i>AL360219.2</i>	2.61	3.37	<0.1	NA	1.210526316	NA	0	NA	No
<i>CNNM3-DT</i>	0.11	0.68	<0.1	NA	1.513513514	NA	0	NA	No
<i>AC090114.2</i>	0.3	0.64	<0.1	NA	1.261538462	NA	0.490758	NA	No
<i>U62317.3</i>	0.57	0.14	<0.1	NA	0.72611465	NA	0	NA	No
<i>AP001033.2</i>	0.85	0.85	<0.1	NA	1	NA	0	NA	No
<i>AL121672.3</i>	0.76	0.34	<0.1	NA	0.761363636	NA	0	NA	No
<i>AC092042.3</i>	0.54	0.38	<0.1	NA	0.896103896	NA	0	NA	No

AC009275.1	0.15	0.29	<0.1	NA	1.12173913	NA	0	NA	No
AC018690.1	0.13	0.13	<0.1	NA	1	NA	0	NA	No
AC024560.3	0.32	0.39	<0.1	NA	1.053030303	NA	0	NA	No
DGCR11	1.08	2.69	<0.1	NA	1.774038462	NA	0.337025	NA	No
AC005229.4	0.48	0.21	<0.1	NA	0.817567568	NA	0	NA	No
AC007032.1	0.8	0.11	<0.1	NA	0.616666667	NA	0	NA	No
AC099329.2	0.19	0.42	<0.1	NA	1.193277311	NA	0	NA	No
AC078846.1	0.58	1.27	<0.1	NA	1.436708861	NA	0.609346	NA	No
1SF19-TCTEX	0.34	0.34	<0.1	NA	1	NA	0	NA	No
OR7M1P	0.31	1.22	<0.1	NA	1.694656489	NA	0	NA	No
MICE	0.46	0.29	0.60	0.87	0.883561644	1.170856311	0	0	No
PAXIP1-AS1	1.09	1.19	<0.1	NA	1.04784689	NA	0	NA	No
AP000894.4	0.32	0.19	<0.1	NA	0.901515152	NA	0	NA	No
AL353801.3	0.84	1.29	<0.1	NA	1.244565217	NA	0.0690672	NA	No
AL451074.6	0.14	0.32	<0.1	NA	1.157894737	NA	0.326806	NA	No
AL355488.1	0.17	0.17	0.61	0.61	1	0.997377255	0	0	No
AL356488.3	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
AC005291.2	6.75	3.32	<0.1	NA	0.557419355	NA	-0.541447	NA	No
AC083880.1	10.52	8.76	3.15	2.94	0.847222222	0.948255297	-0.0286748	0	No
AC017083.3	0.44	0.55	<0.1	NA	1.076388889	NA	0	NA	No
AC004908.3	0.2	0.1	<0.1	NA	0.916666667	NA	0	NA	No
AC107294.3	0.15	0	<0.1	NA	0.869565217	NA	0	NA	No
AL008582.1	0.66	0.82	<0.1	NA	1.096385542	NA	0	NA	No
AC108673.3	0.28	0.41	<0.1	NA	1.1015625	NA	0	NA	No
AL645608.8	0.41	14.7	<0.1	NA	11.13475177	NA	3.38405	NA	No
AC133644.1	1	2.1	<0.1	NA	1.55	NA	0	NA	No
AC006480.2	0.49	0.39	<0.1	NA	0.932885906	NA	0	NA	No
AC064836.2	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
AC012510.1	0.2	0.1	<0.1	NA	0.916666667	NA	0	NA	No
AC096733.2	0.36	0.24	<0.1	NA	0.911764706	NA	0	NA	No
AL354760.1	0.96	0	<0.1	NA	0.510204082	NA	0	NA	No
AL139339.2	1.61	2.77	<0.1	NA	1.444444444	NA	0	NA	No
H4C12	2.57	1.19	<0.1	NA	0.613445378	NA	0	NA	No
CWC25	0.24	0.04	<0.1	NA	0.838709677	NA	0	NA	No
AL691403.2	2.22	1.67	<0.1	NA	0.829192547	NA	0	NA	No
AC131009.3	0.7	0.42	<0.1	NA	0.835294118	NA	0	NA	No
AC009283.1	1.07	1.76	<0.1	NA	1.333333333	NA	0	NA	No
AL731571.1	0.17	0.08	<0.1	NA	0.923076923	NA	0	NA	No

<i>EPOP</i>	0.24	0.16	<0.1	NA	0.935483871	NA	0	NA	No
<i>ZNHIT3</i>	2.07	6.21	<0.1	NA	2.348534202	NA	0.588437	NA	No
<i>AL121832.2</i>	6.16	7.01	8.57	9.69	1.118715084	1.116736724	0	0	No
<i>AC020904.2</i>	0.44	0.54	<0.1	NA	1.069444444	NA	0	NA	No
<i>AC100757.1</i>	0.37	1.49	<0.1	NA	1.817518248	NA	0	NA	No
<i>AC091271.1</i>	1.74	2.4	<0.1	NA	1.240875912	NA	0	NA	No
<i>LHX1</i>	1.17	1.66	<0.1	NA	1.225806452	NA	0.104059	NA	No
<i>SUGT1-DT</i>	7.8	54.02	<0.1	NA	6.252272727	NA	2.6277	NA	No
<i>AC106782.4</i>	5.89	6.52	7.55	7.72	1.091436865	1.019487447	0	0	No
<i>AC007686.3</i>	7.36	8.07	<0.1	NA	1.08492823	NA	0	NA	No
<i>AC011472.4</i>	3.3	4.95	<0.1	NA	1.38372093	NA	0.17075	NA	No
<i>MIR6075</i>	0.23	0.03	<0.1	NA	0.837398374	NA	-0.0100004	NA	No
<i>CYFIP1</i>	1.89	2.53	<0.1	NA	1.221453287	NA	0	NA	No
<i>AL117379.1</i>	4.19	6.04	<0.1	NA	1.356454721	NA	0.3064	NA	No
<i>AC245041.1</i>	0.88	0.93	<0.1	NA	1.026595745	NA	0	NA	No
<i>AC007318.1</i>	0.48	2.06	<0.1	NA	2.067567568	NA	0	NA	No
<i>AC024257.4</i>	0.34	1.38	<0.1	NA	1.776119403	NA	1.24877	NA	No
<i>AL136040.1</i>	0.11	0.33	<0.1	NA	1.198198198	NA	0	NA	No
<i>AL137058.2</i>	1.13	0	0.54	1.07	0.469483568	1.344980177	0	0	No
<i>BX322562.1</i>	17.94	18.42	20.26	20.32	1.025343189	1.002755889	0	-0.103277	No
<i>H2BC8</i>	1.11	0.39	<0.1	NA	0.658767773	NA	0	NA	No
<i>BX640514.2</i>	8.8	9.76	<0.1	NA	1.097959184	NA	0	NA	No
<i>ENPP7P7</i>	9.36	6.64	<0.1	NA	0.737451737	NA	-0.226832	NA	No
<i>USP27X</i>	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
<i>AL096828.3</i>	0.33	0.85	<0.1	NA	1.390977444	NA	0	NA	No
<i>TAF9</i>	0.38	0.22	<0.1	NA	0.884057971	NA	0	NA	No
<i>Metazoa_SRF</i>	0.19	0.86	<0.1	NA	1.56302521	NA	0	NA	No
<i>FRMD6-AS1</i>	2.61	10.06	<0.1	NA	3.063711911	NA	1.51368	NA	No
<i>AL731566.2</i>	1.77	0.94	<0.1	NA	0.700361011	NA	-0.28745	NA	No
<i>AL133520.1</i>	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
<i>AC211476.3</i>	0.66	0.75	0.78	0.98	1.054216867	1.112775088	0	0	No
<i>NOL12</i>	0.93	2.66	<0.1	NA	1.896373057	NA	0	NA	No
<i>AC012313.9</i>	16.68	25.43	27.60	27.91	1.494909502	1.010972863	0.452375	0	No
<i>AC103858.2</i>	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
<i>AL513485.1</i>	0.6	0.43	<0.1	NA	0.89375	NA	0	NA	No
<i>Metazoa_SRF</i>	0.39	0.28	<0.1	NA	0.920863309	NA	0	NA	No
<i>AL031667.3</i>	0.46	0.69	<0.1	NA	1.157534247	NA	0	NA	No
<i>AC009163.6</i>	0.52	0	<0.1	NA	0.657894737	NA	0	NA	No

<i>AL592071.1</i>	2.5	3.32	13.74	15.73	1.234285714	1.135104566	0.0648299	0	No
<i>H3C8</i>	0.34	0.42	<0.1	NA	1.059701493	NA	0	NA	No
<i>AC121761.2</i>	0.2	0.1	<0.1	NA	0.916666667	NA	0	NA	No
<i>Metazoa_SRF</i>	0.13	0.19	<0.1	NA	1.053097345	NA	0	NA	No
<i>AL136038.7</i>	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
<i>LINC01138</i>	0.16	0.08	<0.1	NA	0.931034483	NA	0	NA	No
<i>AC024909.1</i>	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
<i>FAM27E3</i>	0.39	0.13	<0.1	NA	0.81294964	NA	0	NA	No
<i>MIR6813</i>	2.04	5.85	<0.1	NA	2.253289474	NA	1.11584	NA	No
<i>AC007014.2</i>	0.47	0	<0.1	NA	0.680272109	NA	0	NA	No
<i>AC005837.3</i>	0.64	0	<0.1	NA	0.609756098	NA	0	NA	No
<i>CASTOR2</i>	0.33	0.55	<0.1	NA	1.165413534	NA	0	NA	No
<i>AC106739.1</i>	0.54	0.29	3.88	4.81	0.837662338	1.190736365	-0.257963	0	No
<i>AC009032.1</i>	0.12	0.02	<0.1	NA	0.910714286	NA	0	NA	No
<i>AC020910.5</i>	2.45	2.41	2.29	1.89	0.988405797	0.878691092	0	0	No
<i>AL035661.1</i>	1.91	0	43.15	51.79	0.343642612	1.195786319	0	-0.227036	No
<i>NATD1</i>	0.11	0.11	<0.1	NA	1	NA	0	NA	No
<i>AL138689.1</i>	2.95	1.48	<0.1	NA	0.627848101	NA	0	NA	No
<i>SOCS7</i>	0.63	2.41	<0.1	NA	2.09202454	NA	1.56753	NA	No
<i>AC015912.3</i>	0.82	0.75	<0.1	NA	0.961538462	NA	0	NA	No
<i>AP005212.2</i>	0.12	0.25	<0.1	NA	1.116071429	NA	0	NA	No
<i>AC106028.4</i>	2.38	3.96	<0.1	NA	1.467455621	NA	0	NA	No
<i>AC009163.7</i>	4.35	4.43	<0.1	NA	1.014953271	NA	0	NA	No
<i>AC073575.2</i>	4.17	15.27	1.84	1.92	3.147001934	1.029722789	1.67884	0	No
<i>AC138649.1</i>	2.24	0.8	<0.1	NA	0.555555556	NA	-0.0389074	NA	No
<i>YNGAP1-AS</i>	6.5	6.55	6.30	5.98	1.006666667	0.955667916	0	-0.139858	No
<i>AC245297.3</i>	22.89	9.67	<0.1	NA	0.446630389	NA	-0.743268	NA	No
<i>AL137060.3</i>	0.3	0	<0.1	NA	0.769230769	NA	0	NA	No
<i>AC069281.2</i>	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
<i>CBSL</i>	0.27	0.79	<0.1	NA	1.409448819	NA	0.433384	NA	No
<i>MIR6069</i>	0.51	0.17	<0.1	NA	0.774834437	NA	0	NA	No
<i>ADRA2B</i>	0.22	0.48	<0.1	NA	1.213114754	NA	0.272511	NA	No
<i>AC084018.2</i>	0.27	0.34	<0.1	NA	1.05511811	NA	0	NA	No
<i>AL136531.2</i>	0.52	0.47	<0.1	NA	0.967105263	NA	0	NA	No
<i>ZNF658</i>	0.12	0.06	<0.1	NA	0.946428571	NA	0	NA	No
<i>AL355987.5</i>	0.21	0.34	<0.1	NA	1.107438017	NA	0	NA	No
<i>AC004233.3</i>	4.14	4.32	<0.1	NA	1.035019455	NA	0	NA	No
<i>TMEM269</i>	0.68	0	<0.1	NA	0.595238095	NA	0	NA	No

AL121772.1	0.16	0.79	<0.1	NA	1.543103448	NA	1.11036	NA	No
TBC1D3D	0.43	0.35	<0.1	NA	0.944055944	NA	0	NA	No
AC114271.1	1.56	0.74	<0.1	NA	0.6796875	NA	-0.153974	NA	No
AC005790.1	0.25	0.45	2.99	2.83	1.16	0.960370316	0	0	No
AL512638.2	2.47	2.21	<0.1	NA	0.925072046	NA	0	NA	No
HERC2P7	0.13	0.77	<0.1	NA	1.566371681	NA	0	NA	No
NPEPPSP1	0.11	0.11	<0.1	NA	1	NA	0	NA	No
AL121772.2	0.64	1.01	<0.1	NA	1.225609756	NA	0	NA	No
TBC1D3L	1.52	0.98	<0.1	NA	0.785714286	NA	0	NA	No
AC012354.2	0.61	0.78	<0.1	NA	1.105590062	NA	0	NA	No
RCC1L	0.48	3.8	<0.1	NA	3.243243243	NA	1.09269	NA	No
AC090970.2	0.18	0.54	<0.1	NA	1.305084746	NA	0	NA	No
AC005332.3	1.11	1.79	<0.1	NA	1.322274882	NA	0.064853	NA	No
AC080038.1	5.04	5.09	<0.1	NA	1.008278146	NA	0	NA	No
AC024884.1	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
PI4KAP1	1.47	1.21	0.12	0.20	0.894736842	1.06768467	0	0	No
PCCA-DT	1.23	3.07	<0.1	NA	1.825112108	NA	0	NA	No
AC233968.1	15.03	17.69	<0.1	NA	1.165938865	NA	0.101857	NA	No
H2BC17	0.56	0.68	<0.1	NA	1.076923077	NA	0	NA	No
AC244669.2	1.32	0.72	<0.1	NA	0.74137931	NA	0	NA	No
AC106782.5	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
RN7SL625P	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AC040169.3	0.46	1.02	20.82	21.63	1.383561644	1.036950159	0.540595	0	No
AC005332.4	3.45	4.99	<0.1	NA	1.346067416	NA	0.15633	NA	No
AC012653.2	0.41	0.25	<0.1	NA	0.886524823	NA	0	NA	No
AC004466.2	0.92	6.86	<0.1	NA	4.09375	NA	1.41037	NA	No
H3C6	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
TRBV12-3	0.52	0.83	<0.1	NA	1.203947368	NA	0	NA	No
AC243732.1	0.37	0	<0.1	NA	0.729927007	NA	0	NA	No
AC243829.1	1.66	1.05	<0.1	NA	0.770676692	NA	0	NA	No
AC025166.1	0.96	0.8	<0.1	NA	0.918367347	NA	0	NA	No
AC012531.4	0.13	0.13	<0.1	NA	1	NA	0	NA	No
AC004825.2	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AL023803.2	2.2	3.73	<0.1	NA	1.478125	NA	0.362333	NA	No
AC068473.5	0.31	0.49	<0.1	NA	1.13740458	NA	0	NA	No
AC010333.3	0.23	0.69	<0.1	NA	1.37398374	NA	0	NA	No
AC023043.4	4.26	2.29	<0.1	NA	0.625475285	NA	0	NA	No
AL139384.1	1.51	0	<0.1	NA	0.398406375	NA	0	NA	No

<i>ZKSCAN2-D1</i>	0.12	0.59	<0.1	NA	1.419642857	NA	0	NA	No
<i>AC026356.1</i>	0.5	0.25	<0.1	NA	0.833333333	NA	0	NA	No
<i>AC087588.2</i>	0.26	0.13	<0.1	NA	0.896825397	NA	0	NA	No
<i>RNU11</i>	0.4	0	<0.1	NA	0.714285714	NA	0	NA	No
<i>H2AC12</i>	0.12	0.83	<0.1	NA	1.633928571	NA	0	NA	No
<i>MIR6753</i>	0.37	0.46	<0.1	NA	1.065693431	NA	0	NA	No
<i>MLLT6</i>	0.41	0.89	<0.1	NA	1.340425532	NA	0.297195	NA	No
<i>HMGB1P24</i>	0.28	0.2	<0.1	NA	0.9375	NA	0	NA	No
<i>AC091980.2</i>	1.38	0.25	<0.1	NA	0.525210084	NA	0	NA	No
<i>PPP4R3B</i>	0.8	0	0.38	1.13	0.555555556	1.544046697	0	0	No
<i>SYNRG</i>	0.58	0.23	<0.1	NA	0.778481013	NA	0	NA	No
<i>NUDT18</i>	0.33	1.3	31.03	38.78	1.729323308	1.24210201	0	0	No
<i>AC022098.4</i>	13.36	15.19	30.92	35.74	1.127437326	1.151059983	0.105762	0.0328539	No
<i>AL031710.2</i>	0.12	0.06	<0.1	NA	0.946428571	NA	0	NA	No
<i>ZNF2</i>	0.68	0.84	<0.1	NA	1.095238095	NA	0	NA	No
<i>AC241952.1</i>	6.11	7.84	15.32	15.80	1.243319269	1.029630169	0.21464	0	No
<i>RN7SL663P</i>	1.88	1.86	4.06	4.44	0.993055556	1.075146675	0	0	No
<i>TRBV12-5</i>	3.41	3.17	45.25	37.92	0.945578231	0.84153742	0	-0.245638	No
<i>AL354718.1</i>	0.3	0.15	<0.1	NA	0.884615385	NA	0	NA	No
<i>AC048341.2</i>	0.15	0.67	<0.1	NA	1.452173913	NA	0	NA	No
<i>LENG9</i>	0.59	1.16	1.38	1.35	1.358490566	0.985335169	0.36651	0	No
<i>AC007497.1</i>	1.36	1.27	<0.1	NA	0.961864407	NA	0	NA	No
<i>AL161421.1</i>	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
<i>RNA5-8SN3</i>	3.45	0.63	<0.1	NA	0.366292135	NA	-0.824942	NA	No
<i>AL161431.1</i>	0.65	1.2	<0.1	NA	1.333333333	NA	0	NA	No
<i>AL121906.2</i>	7.31	9.89	17.58	18.52	1.310469314	1.050496046	0.171083	0	No
<i>AC010503.5</i>	0.19	0.48	<0.1	NA	1.243697479	NA	0	NA	No
<i>AC135048.3</i>	0.44	0.92	<0.1	NA	1.333333333	NA	0	NA	No
<i>AL162731.1</i>	1.05	2.44	<0.1	NA	1.67804878	NA	0	NA	No
<i>AL136981.2</i>	13.19	18.74	<0.1	NA	1.391120507	NA	0.383047	NA	No
<i>Z99129.1</i>	0.37	1.7	<0.1	NA	1.97080292	NA	0.338692	NA	No
<i>FGD5P1</i>	10.41	10.63	<0.1	NA	1.019281332	NA	0	NA	No
<i>PRAG1</i>	0.65	2.28	<0.1	NA	1.987878788	NA	0	NA	No
<i>AC012645.4</i>	0.23	0	<0.1	NA	0.81300813	NA	-0.0100004	NA	No
<i>H3C11</i>	0.15	0.36	<0.1	NA	1.182608696	NA	0	NA	No
<i>AC018695.6</i>	0.84	0	<0.1	NA	0.543478261	NA	0	NA	No
<i>FCGBP</i>	0.37	0.26	<0.1	NA	0.919708029	NA	0	NA	No
<i>AL121832.3</i>	4.02	6.5	<0.1	NA	1.494023904	NA	0.471874	NA	No

AC020765.2	0.66	0.2	<0.1	NA	0.722891566	NA	0	NA	No
AC092119.3	0.53	0.32	<0.1	NA	0.862745098	NA	0	NA	No
AL117332.1	5.01	3	<0.1	NA	0.665557404	NA	0	NA	No
FP565260.1	0.12	1.04	0.16	0.33	1.821428571	1.146805881	2.43375	0.746929	No
AC087741.2	1.31	1.52	<0.1	NA	1.090909091	NA	0	NA	No
AP003419.3	2.6	2.84	<0.1	NA	1.066666667	NA	0	NA	No
LINC01730	0.28	0.73	<0.1	NA	1.3515625	NA	0	NA	No
AL627230.1	1.26	2.41	<0.1	NA	1.508849558	NA	0.0819504	NA	No
AC133552.5	1.61	2.33	<0.1	NA	1.275862069	NA	0.247925	NA	No
CU633906.1	0.31	1.24	<0.1	NA	1.709923664	NA	0	NA	No
FAM236A	0.62	0.41	<0.1	NA	0.87037037	NA	0	NA	No
AC006449.2	0.19	0.38	<0.1	NA	1.159663866	NA	0	NA	No
STPG3-AS1	0.63	0.94	<0.1	NA	1.190184049	NA	0	NA	No
AC243965.2	8.61	5.9	<0.1	NA	0.718002081	NA	0	NA	No
AC242842.1	0.26	0.2	<0.1	NA	0.952380952	NA	0	NA	No
AC008115.3	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AL049539.1	1.54	1.32	<0.1	NA	0.913385827	NA	0	NA	No
AL031670.1	0.19	0.38	<0.1	NA	1.159663866	NA	0	NA	No
AC011330.2	0.28	0.26	<0.1	NA	0.984375	NA	0	NA	No
AC021755.3	2.03	3.94	<0.1	NA	1.630363036	NA	0	NA	No
AATF	1.46	0.49	<0.1	NA	0.605691057	NA	0	NA	No
H2BC9	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
H3C1	0.8	0.16	<0.1	NA	0.644444444	NA	0	NA	No
AC008622.2	0.17	0.34	<0.1	NA	1.145299145	NA	0	NA	No
AC091959.3	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
TRBV14	19.49	20.65	31.00	31.21	1.056612982	1.006442649	0	-8.253E-05	No
AC092747.4	1.79	2.85	<0.1	NA	1.379928315	NA	0.158538	NA	No
AC091982.3	0.74	1.05	<0.1	NA	1.17816092	NA	0	NA	No
AC018630.2	0.39	0.04	<0.1	NA	0.748201439	NA	0	NA	No
MIR8064	0.26	0.18	<0.1	NA	0.936507937	NA	0	NA	No
AC145285.6	0.78	0.89	<0.1	NA	1.061797753	NA	0	NA	No
ARHGAP23	2.72	4.49	<0.1	NA	1.475806452	NA	0.0261802	NA	No
AC073107.2	0.33	0.4	<0.1	NA	1.052631579	NA	0	NA	No
TUBGCP5	0.59	0	<0.1	NA	0.628930818	NA	0	NA	No
LINC01742	1.25	1.18	<0.1	NA	0.968888889	NA	0	NA	No
AL139385.1	41.01	36.72	6.08	6.00	0.897881457	0.988226297	-0.097385	0	No
IKBKGP1	2.02	2.69	<0.1	NA	1.221854305	NA	0	NA	No
AC132872.3	3.61	3.55	4.34	5.01	0.986984816	1.125811193	0	0	No

AL021578.1	0.26	0.77	<0.1	NA	1.404761905	NA	0	NA	No
U2AF1L5	0.75	0.95	<0.1	NA	1.114285714	NA	0	NA	No
AC138932.5	0.3	0.15	<0.1	NA	0.884615385	NA	0	NA	No
AL355001.2	1.44	0.59	<0.1	NA	0.651639344	NA	0	NA	No
AL442128.1	1.43	0.3	<0.1	NA	0.534979424	NA	-0.243504	NA	No
SIK1B	0.19	0.17	<0.1	NA	0.983193277	NA	0	NA	No
AC079414.3	0.28	0.28	<0.1	NA	1	NA	0	NA	No
DUSP14	1.66	2.56	<0.1	NA	1.338345865	NA	0	NA	No
UHRF1	0.25	1.66	<0.1	NA	2.128	NA	0.599231	NA	No
ORA1I	1.37	1.72	<0.1	NA	1.147679325	NA	0	NA	No
AC012354.4	0.29	0.15	<0.1	NA	0.891472868	NA	0	NA	No
STMN1P1	17.49	28.57	5.49	7.73	1.599242834	1.344726807	0.557311	0.11809	No
AC027682.6	16.95	31.59	68.71	64.01	1.815598886	0.932508695	0.79568	-0.157142	No
CCL3L3	21.41	25.09	45.81	43.23	1.164212405	0.944928357	0.0772352	-0.141385	No
FUT8-AS1	0.59	0	<0.1	NA	0.628930818	NA	0	NA	No
AC009118.2	0.24	0.49	<0.1	NA	1.201612903	NA	0	NA	No
WHAMMP3	0.73	2.06	<0.1	NA	1.768786127	NA	0.298111	NA	No
AC084824.5	0.67	0.98	0.30	0.35	1.185628743	1.039845849	0	0	No
AC092118.2	1.31	1.06	<0.1	NA	0.891774892	NA	0	NA	No
RN7SL1	0.21	0.32	0.33	0.65	1.090909091	1.242387699	0	0.0376186	No
AC244153.1	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
MIR6090	0.32	0.48	<0.1	NA	1.121212121	NA	0	NA	No
H4C9	16.53	32.78	<0.1	NA	1.926982316	NA	0.77811	NA	No
AC245014.3	0.89	3.56	<0.1	NA	2.412698413	NA	0	NA	No
TADA2A	3.51	8.25	<0.1	NA	2.050997783	NA	0.801202	NA	No
AL442125.1	0.31	0.31	<0.1	NA	1	NA	0	NA	No
FRG1HP	2.31	2.73	11.96	12.69	1.126888218	1.056610333	0	0	No
AC131159.1	0.54	0.76	<0.1	NA	1.142857143	NA	0	NA	No
PIP4K2B	10.13	4.31	14.42	14.43	0.477088949	1.000735403	-0.893932	0	No
AL357033.3	0.5	0	<0.1	NA	0.666666667	NA	0	NA	No
AL133243.2	13.49	13.39	16.00	17.32	0.993098689	1.077636592	0	0	No
AC105429.1	0.7	0.7	<0.1	NA	1	NA	0	NA	No
H2AC14	0.13	0.16	<0.1	NA	1.026548673	NA	0	NA	No
AC016876.4	0.17	0.04	<0.1	NA	0.888888889	NA	0	NA	No
CNTNAP3P2	0.45	0.56	<0.1	NA	1.075862069	NA	0	NA	No
MIR6835	0.38	0.25	<0.1	NA	0.905797101	NA	0	NA	No
AC025287.2	1.32	0.83	0.45	0.63	0.788793103	1.124439548	-0.114393	0	No
AL136301.1	1.67	5.01	5.62	3.18	2.25093633	0.631469976	0	0	No

AC008735.4	0.32	0.24	<0.1	NA	0.939393939	NA	0	NA	No
AC025287.3	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AC010999.2	0.35	1.32	<0.1	NA	1.718518519	NA	0	NA	No
AL356515.1	0.21	0.11	<0.1	NA	0.917355372	NA	0	NA	No
AP001505.1	0.18	0.36	<0.1	NA	1.152542373	NA	0	NA	No
AC026271.4	3.35	2.06	<0.1	NA	0.703448276	NA	0	NA	No
PCDHGB5	3.74	1.69	<0.1	NA	0.567510549	NA	-0.0482686	NA	No
HERC2P2	0.35	0	<0.1	NA	0.740740741	NA	0	NA	No
AL359075.1	3.55	1.43	0.58	0.67	0.534065934	1.055006884	-0.963349	0	No
AC130650.2	5.33	7.66	18.94	23.34	1.368088468	1.22088348	0.356225	0	No
AC010327.6	0.25	0	<0.1	NA	0.8	NA	0	NA	No
AC002550.2	0.13	0.24	<0.1	NA	1.097345133	NA	0	NA	No
AL442067.1	3.48	2.84	<0.1	NA	0.857142857	NA	0	NA	No
MIR6895	0.27	0.41	<0.1	NA	1.11023622	NA	0	NA	No
TRBV11-3	0.48	0.24	<0.1	NA	0.837837838	NA	0	NA	No
RAB7B	0.69	0.68	4.61	2.61	0.99408284	0.643405091	0	0	No
AL109614.1	0.33	1	13.50	18.58	1.503759398	1.35048242	0.789258	0.203033	No
AL117335.1	0.77	1.4	<0.1	NA	1.355932203	NA	0	NA	No
AC009090.3	0.17	1.16	<0.1	NA	1.846153846	NA	1.02376	NA	No
AC004466.3	0.38	0	<0.1	NA	0.724637681	NA	0	NA	No
AL136295.6	0.29	0.29	<0.1	NA	1	NA	0	NA	No
AC243773.1	0.24	0.49	<0.1	NA	1.201612903	NA	0	NA	No
CSPG4P10	0.49	0.69	<0.1	NA	1.134228188	NA	0	NA	No
MIR7111	0.65	0.75	<0.1	NA	1.060606061	NA	0	NA	No
YWHAEP7	0.74	0	4.28	7.07	0.574712644	1.52791719	0	0	No
AC137834.2	0.59	0.39	<0.1	NA	0.874213836	NA	0	NA	No
AC142472.1	0.53	0	<0.1	NA	0.653594771	NA	0	NA	No
AC105137.2	0.55	0.58	<0.1	NA	1.019354839	NA	0	NA	No
AC069499.2	0.38	0.43	<0.1	NA	1.036231884	NA	0	NA	No
AC092117.1	0.14	0.42	<0.1	NA	1.245614035	NA	0	NA	No
AL133216.2	0.12	0.26	<0.1	NA	1.125	NA	0	NA	No
AL138955.1	0.38	0.81	<0.1	NA	1.311594203	NA	0.529624	NA	No
AF196972.2	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No
MIR6730	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
AL354718.3	3.19	0.8	<0.1	NA	0.429594272	NA	0	NA	No
PMS2P10	1	1.67	<0.1	NA	1.335	NA	0	NA	No
AC016590.3	1.05	1.4	<0.1	NA	1.170731707	NA	0	NA	No
AC245041.2	0.43	0.71	<0.1	NA	1.195804196	NA	0	NA	No

AC002401.4	2.12	4.06	<0.1	NA	1.621794872	NA	0.525007	NA	No
AC015922.3	0.37	1.65	<0.1	NA	1.934306569	NA	0.148913	NA	No
AC074050.4	2.25	4.41	<0.1	NA	1.664615385	NA	0.216586	NA	No
AC023157.2	0.3	0.3	<0.1	NA	1	NA	0	NA	No
H2AC16	0.72	2.81	<0.1	NA	2.215116279	NA	1.27425	NA	No
AC009041.3	0.89	2.44	<0.1	NA	1.82010582	NA	0	NA	No
H4C5	0.17	1	<0.1	NA	1.709401709	NA	0.113972	NA	No
AC008760.2	1.08	1.94	<0.1	NA	1.413461538	NA	0.0901524	NA	No
Metazoa_SRF	8.27	5.75	<0.1	NA	0.72815534	NA	-0.165447	NA	No
AC148477.4	0.42	0	<0.1	NA	0.704225352	NA	0	NA	No
AC008556.1	0.15	1.22	<0.1	NA	1.930434783	NA	1.27492	NA	No
GTF2IP1	0.45	2.98	<0.1	NA	2.744827586	NA	1.8932	NA	No
CU634019.1	0.98	0.91	2.39	2.70	0.964646465	1.092839753	0	0	No
STAG3L2	0.12	0.05	<0.1	NA	0.9375	NA	0	NA	No
H2AC8	1.52	3.29	15.31	13.74	1.702380952	0.90371392	0.673958	-0.0553795	No
FP565260.3	7.04	15.84	<0.1	NA	2.094527363	NA	0.681735	NA	No
MIR6089	1.62	1.18	<0.1	NA	0.832061069	NA	0	NA	No
AC012531.6	1.67	0	<0.1	NA	0.374531835	NA	0	NA	No
LINC00235	1.42	0.35	<0.1	NA	0.55785124	NA	0	NA	No
AC074276.2	0.62	0.81	1.65	0.91	1.117283951	0.71964013	0	-0.0273296	No
TYW1B	0.31	0	<0.1	NA	0.763358779	NA	0	NA	No
TOMM40P1	0.52	0.49	0.55	0.66	0.980263158	1.071514872	0	0	No
PIGW	1.73	0.61	<0.1	NA	0.58974359	NA	-0.301408	NA	No
AC006449.5	4.55	5.88	3.05	3.54	1.23963964	1.121676613	0.0835208	0	No
AC131212.1	1.04	2.42	<0.1	NA	1.676470588	NA	0.590074	NA	No
F8A1	0.24	0.96	<0.1	NA	1.580645161	NA	0	NA	No
H2BC7	2.25	3.18	23.86	21.80	1.286153846	0.916941775	0	-0.646442	No
GTSE1-DT	0.31	0.71	<0.1	NA	1.305343511	NA	0	NA	No
AL035420.3	0.67	1.2	<0.1	NA	1.317365269	NA	0	NA	No
MIR6784	0.17	1	<0.1	NA	1.709401709	NA	0	NA	No
PCGF2	0.8	3.98	2.30	3.80	2.766666667	1.45376074	0	0	No
LHX1-DT	11.68	7.3	2.82	3.62	0.654574132	1.208147401	-0.48283	0	No
AC004812.2	4.98	6.44	<0.1	NA	1.244147157	NA	0.126821	NA	No
AC048344.4	1.25	1.2	<0.1	NA	0.977777778	NA	0	NA	No
SRCIN1	0.61	0.41	<0.1	NA	0.875776398	NA	0	NA	No
AL138966.2	1.78	2.24	0.77	1.24	1.165467626	1.266359866	0.100658	0.152776	No
AC010654.1	0.35	0.46	<0.1	NA	1.081481481	NA	0	NA	No
AC010331.1	0.4	0.99	<0.1	NA	1.421428571	NA	0	NA	No

AC069234.5	3.67	4.59	<0.1	NA	1.197002141	NA	0	NA	No
AL121890.4	0.9	0.51	<0.1	NA	0.794736842	NA	0	NA	No
MARCKS	0.18	0.61	<0.1	NA	1.36440678	NA	0	NA	No
CEBPB-AS1	20.51	16.82	8.63	7.83	0.828451883	0.917432071	-0.163132	-0.134485	No
AP001527.2	0.16	1.75	5.26	3.66	2.370689655	0.744853532	1.98368	-0.601737	No
ZNF670	2.63	5.67	<0.1	NA	1.837465565	NA	0.389885	NA	No
AC005332.5	0.43	1.46	3.80	3.56	1.72027972	0.950764162	1.11069	-0.113453	No
AL022345.3	0.61	0.45	<0.1	NA	0.900621118	NA	0	NA	No
AL357033.4	0.23	0.23	<0.1	NA	1	NA	0	NA	No
AC116407.2	0.53	1.54	<0.1	NA	1.660130719	NA	0.627297	NA	No
AC007996.1	0.93	1.43	<0.1	NA	1.259067358	NA	0	NA	No
AC104073.3	0.99	1.84	<0.1	NA	1.427135678	NA	0.325365	NA	No
AL356752.1	0.11	0.22	<0.1	NA	1.099099099	NA	0	NA	No
AC018553.1	0.54	0	<0.1	NA	0.649350649	NA	0	NA	No
AC089999.2	0.95	0.92	<0.1	NA	0.984615385	NA	0	NA	No
AC130343.2	0.19	0.46	<0.1	NA	1.226890756	NA	0	NA	No
AC005363.2	0.63	0	<0.1	NA	0.613496933	NA	0	NA	No
AC008406.3	0.66	0	<0.1	NA	0.602409639	NA	0	NA	No
CCL3	0.54	0.54	<0.1	NA	1	NA	0	NA	No
AC007906.2	0.65	0.57	<0.1	NA	0.951515152	NA	0	NA	No
AL354696.1	0.32	0.75	<0.1	NA	1.325757576	NA	0	NA	No
AC097641.2	1.5	0.58	<0.1	NA	0.632	NA	0	NA	No
AC011462.4	0.24	0.48	<0.1	NA	1.193548387	NA	0	NA	No
FO681492.1	0.42	0.59	<0.1	NA	1.11971831	NA	0	NA	No
AC007040.3	2.17	2.17	<0.1	NA	1	NA	0	NA	No
H3C7	0.11	1.3	<0.1	NA	2.072072072	NA	0.649161	NA	No
PGM5P2	1.94	2.54	0.63	0.93	1.204081633	1.18339912	0	0	No
AC068870.2	0.27	0.41	<0.1	NA	1.11023622	NA	0	NA	No
PSMB3	187.15	162.34	145.25	143.90	0.868137125	0.990755573	-0.128201	-0.0524328	No
AC131159.2	0.15	0.23	<0.1	NA	1.069565217	NA	0	NA	No
NLRP3P1	0.15	0.39	<0.1	NA	1.208695652	NA	0	NA	No
MIR6746	3.39	0.85	3.26	2.42	0.421412301	0.803546835	0	0	No
AL390037.1	0.12	0.12	<0.1	NA	1	NA	0	NA	No
ENP3-EIF4A	0.17	0.5	90.80	90.05	1.282051282	0.991846289	0.285084	-0.123425	No
AL162274.2	1.61	1.13	<0.1	NA	0.816091954	NA	0	NA	No
AC091825.2	0.59	0	<0.1	NA	0.628930818	NA	0	NA	No
AC006449.6	2.58	7.63	<0.1	NA	2.410614525	NA	1.19541	NA	No
CISD3	16.65	19.88	34.21	38.14	1.183002833	1.111748678	0.110301	0	No

AC010542.5	0.56	1.4	<0.1	NA	1.538461538	NA	0	NA	No
AC107075.1	10.04	6.63	<0.1	NA	0.691123188	NA	0	NA	No
AC009093.6	0.58	1.16	<0.1	NA	1.367088608	NA	0	NA	No
AL627171.1	0.16	0.12	<0.1	NA	0.965517241	NA	0	NA	No
AL139099.3	1.41	4.68	<0.1	NA	2.356846473	NA	0	NA	No
AC064801.1	0.39	0.13	<0.1	NA	0.81294964	NA	0	NA	No
RDM1	4.44	4.33	2.16	2.23	0.979779412	1.021391399	0	0	No
U2	1.12	0	<0.1	NA	0.471698113	NA	0	NA	No
DDX52	2.48	4.58	4.41	5.05	1.603448276	1.117624197	0.686882	0	No
AL161669.3	0.83	0.21	<0.1	NA	0.661202186	NA	0	NA	No
AC145423.3	0.34	0.57	<0.1	NA	1.171641791	NA	0	NA	No
ZNF8	1	0.97	4.26	3.25	0.985	0.80732475	0	-0.225888	No
AC135050.6	1.27	1.98	<0.1	NA	1.31277533	NA	0	NA	No
SC22D1-AS	0.59	0.74	2.35	1.84	1.094339623	0.849011721	0	-0.0532573	No
GLDR	1.31	2.28	0.92	1.23	1.41991342	1.163144826	0.46541	0	No
AL118505.1	0.25	0.11	<0.1	NA	0.888	NA	0	NA	No
AC243919.2	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
PRICKLE4	0.89	0.71	3.81	5.53	0.904761905	1.358357397	0	0	No
AL133342.1	0.15	1.46	<0.1	NA	2.139130435	NA	0.34893	NA	No
AL359513.1	2.4	0.77	<0.1	NA	0.520588235	NA	0	NA	No
MYO19	12.91	16.32	19.20	22.27	1.245147376	1.151921903	0.258097	0	No
MIR6859-1	3.14	0	<0.1	NA	0.241545894	NA	0	NA	No
AL161772.1	0.15	0.15	<0.1	NA	1	NA	0	NA	No
GGNBP2	8.08	8.44	20.89	23.34	1.039647577	1.111971688	0	0	No
ZNF229	2.03	3.21	<0.1	NA	1.389438944	NA	0.365936	NA	No
AC138028.6	1.12	0.54	<0.1	NA	0.726415094	NA	0	NA	No
AC005911.1	0.47	0.23	<0.1	NA	0.836734694	NA	0	NA	No
U4	0.84	0	<0.1	NA	0.543478261	NA	0	NA	No
AP004609.3	0.54	0.45	<0.1	NA	0.941558442	NA	0	NA	No
AC121338.2	0.12	0.43	<0.1	NA	1.276785714	NA	0	NA	No
AL122023.1	0.2	1.11	<0.1	NA	1.758333333	NA	0	NA	No
PMS2P2	0.28	0.52	<0.1	NA	1.1875	NA	0	NA	No
AC015712.7	0.93	0.08	<0.1	NA	0.559585492	NA	-0.509897	NA	No
H2AC4	0.71	0.1	<0.1	NA	0.643274854	NA	0	NA	No
AC138393.3	0.56	0.09	<0.1	NA	0.698717949	NA	0	NA	No
AC039056.2	3.03	0.42	<0.1	NA	0.35235732	NA	-0.938421	NA	No
DHRS11	4.96	8.08	4.44	6.37	1.523489933	1.354526336	0.513837	0.0298813	No
IGKV2OR2-8	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No

ACACA	12.88	11.19	15.33	15.61	0.878242075	1.017417833	-0.115296	-0.0384347	No
AC003101.2	1.94	2.05	<0.1	NA	1.037414966	NA	0	NA	No
TMEM191B	0.85	1.37	3.51	3.55	1.281081081	1.008309519	0	0	No
H2BC10	0.33	0.11	<0.1	NA	0.834586466	NA	0	NA	No
AC004080.15	3.95	3.16	<0.1	NA	0.84040404	NA	0	NA	No
AL589182.2	0.31	0.1	<0.1	NA	0.839694656	NA	0	NA	No
AL133396.1	0.27	0.4	<0.1	NA	1.102362205	NA	0	NA	No
AC015871.3	0.66	0.87	<0.1	NA	1.126506024	NA	0	NA	No
ZNF426-DT	1.3	1.3	<0.1	NA	1	NA	0	NA	No
C11orf98	15.14	19.5	38.89	46.99	1.270136307	1.202947135	0.0818146	0	No
BEND3P3	0.74	0.42	0.92	1.05	0.816091954	1.067005084	0	0	No
MRM1	8.46	14.23	9.70	8.58	1.609936575	0.895144453	0.50231	0	No
AC005962.1	0.25	0	<0.1	NA	0.8	NA	0	NA	No
AC141557.2	0.44	2.22	<0.1	NA	2.236111111	NA	0.326271	NA	No
H4C1	0.27	0.13	<0.1	NA	0.88976378	NA	0	NA	No
AC015813.4	0.6	0	<0.1	NA	0.625	NA	0	NA	No
MIR6826	1.09	0	<0.1	NA	0.4784689	NA	0	NA	No
GOLGA6L10	0.28	0.49	<0.1	NA	1.1640625	NA	0	NA	No
H2AC17	2.96	7.24	<0.1	NA	2.080808081	NA	0.531927	NA	No
H4C2	0.24	0.61	<0.1	NA	1.298387097	NA	0	NA	No
NKILA	1.43	3.64	<0.1	NA	1.909465021	NA	0.883571	NA	No
AC120114.2	0.16	0.08	<0.1	NA	0.931034483	NA	0	NA	No
AC020765.4	0.53	0.8	<0.1	NA	1.176470588	NA	0	NA	No
AC005332.6	5.97	6.82	<0.1	NA	1.12195122	NA	0	NA	No
AC087239.1	0.65	0.28	<0.1	NA	0.775757576	NA	0	NA	No
FAM27B	6.02	9.53	5.78	4.27	1.5	0.777374819	0	0	No
AC004477.2	0.36	0.09	<0.1	NA	0.801470588	NA	0	NA	No
BACE1-AS	0.65	0.55	1.06	1.23	0.939393939	1.084263606	0	0	No
AL136295.7	1.6	2.09	<0.1	NA	1.188461538	NA	0	NA	No
AL121890.5	0.35	0	<0.1	NA	0.740740741	NA	0	NA	No
H3C10	3.37	7.99	<0.1	NA	2.057208238	NA	0.794478	NA	No
AC073508.3	0.19	0.04	<0.1	NA	0.87394958	NA	0	NA	No
MRPL45	26.04	21.18	21.74	21.49	0.820266272	0.988927902	-0.123985	-0.0071203	No
AC055811.4	2.71	2.95	<0.1	NA	1.064690027	NA	0	NA	No
AC145207.9	0.66	1.15	<0.1	NA	1.295180723	NA	0	NA	No
AL358852.1	0.38	0.76	<0.1	NA	1.275362319	NA	0	NA	No
AC002310.5	10.4	8.14	<0.1	NA	0.801754386	NA	-0.0447363	NA	No
AC136621.1	0.21	0.65	<0.1	NA	1.363636364	NA	0.0523193	NA	No

AL031587.5	4.68	4.22	<0.1	NA	0.919014085	NA	0	NA	No
AC130686.1	0.15	0.22	<0.1	NA	1.060869565	NA	0	NA	No
HEIH	5.14	7.68	25.16	22.59	1.413680782	0.901572137	0.281712	-0.153173	No
AC073592.2	0.82	1.64	<0.1	NA	1.450549451	NA	0	NA	No
AC093909.6	0.34	0.14	<0.1	NA	0.850746269	NA	0	NA	No
AL031009.1	0.12	0.1	<0.1	NA	0.982142857	NA	0	NA	No
AC002350.2	1.02	1.81	<0.1	NA	1.391089109	NA	0.120331	NA	No
Z69720.2	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
AL662907.1	0.16	0.16	<0.1	NA	1	NA	0	NA	No
AC099552.4	0.34	1.41	<0.1	NA	1.798507463	NA	0.29246	NA	No
AC092139.1	0.11	0.06	<0.1	NA	0.954954955	NA	0	NA	No
AC004232.2	1.32	0.2	<0.1	NA	0.517241379	NA	-0.252286	NA	No
AC022211.4	0.72	0.54	<0.1	NA	0.895348837	NA	0	NA	No
AC102945.2	0.15	0.38	<0.1	NA	1.2	NA	0	NA	No
AC007485.2	0.64	0.48	<0.1	NA	0.902439024	NA	0	NA	No
AC008735.5	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC015813.5	3.25	2.79	<0.1	NA	0.891764706	NA	0	NA	No
AC022400.6	2.34	1.25	<0.1	NA	0.673652695	NA	-0.13445	NA	No
AC148477.7	0.62	0.87	<0.1	NA	1.154320988	NA	0	NA	No
AL031258.1	0.49	0	<0.1	NA	0.67114094	NA	0	NA	No
AL590326.1	4.38	3.68	<0.1	NA	0.869888476	NA	0	NA	No
AC099667.1	0.91	2.62	<0.1	NA	1.895287958	NA	0	NA	No
AC126474.1	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
TSTD3	0.12	0.07	0.77	1.16	0.955357143	1.221745016	0	0.119816	No
CR559946.2	0.27	0.22	<0.1	NA	0.960629921	NA	0	NA	No
AC027601.4	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC135048.4	0.34	0.4	<0.1	NA	1.044776119	NA	0	NA	No
AC008894.3	1.65	1.45	<0.1	NA	0.924528302	NA	0	NA	No
AC015813.6	1.54	2.54	<0.1	NA	1.393700787	NA	0.395191	NA	No
AC009303.4	0.25	0.53	<0.1	NA	1.224	NA	0	NA	No
AC122688.3	0.74	1.08	<0.1	NA	1.195402299	NA	0	NA	No
AL121753.2	0.99	1.79	<0.1	NA	1.40201005	NA	0.0629146	NA	No
AC087741.3	1.94	1.51	<0.1	NA	0.853741497	NA	0	NA	No
AC131009.4	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
NDUFAF2P1	0.42	0.1	<0.1	NA	0.774647887	NA	0	NA	No
AC073439.1	0.12	0.06	<0.1	NA	0.946428571	NA	0	NA	No
AC020910.6	0.63	1.06	<0.1	NA	1.263803681	NA	0	NA	No
RBM12B-AS1	0.9	1.96	2.76	3.01	1.557894737	1.067649445	0	0	No

AP000866.6	0.37	0.15	<0.1	NA	0.839416058	NA	0	NA	No
AC021945.1	0.13	0.23	<0.1	NA	1.088495575	NA	0	NA	No
AC012513.3	0.23	0.33	<0.1	NA	1.081300813	NA	0	NA	No
AL031123.3	0.17	0.26	<0.1	NA	1.076923077	NA	0	NA	No
AC004777.1	0.75	0	<0.1	NA	0.571428571	NA	0	NA	No
AC137723.1	0.81	0.13	<0.1	NA	0.624309392	NA	0	NA	No
AC024595.1	0.41	0.41	<0.1	NA	1	NA	0	NA	No
AC018665.1	1.26	2.27	<0.1	NA	1.446902655	NA	0.124772	NA	No
AL158801.5	0.11	0.23	<0.1	NA	1.108108108	NA	0	NA	No
AC007191.1	0.77	0.48	<0.1	NA	0.836158192	NA	0	NA	No
AC112497.2	3.35	3.51	<0.1	NA	1.036781609	NA	0	NA	No
CR392039.3	2.94	0.73	<0.1	NA	0.439086294	NA	-0.324734	NA	No
AC011840.5	0.44	0.26	<0.1	NA	0.875	NA	0	NA	No
AC006277.1	0.27	0.46	<0.1	NA	1.149606299	NA	0	NA	No
Z99129.4	0.33	0.42	<0.1	NA	1.067669173	NA	0	NA	No
WASH9P	6.28	6.46	<0.1	NA	1.024725275	NA	0	NA	No
AC090498.1	113.33	105.37	<0.1	NA	0.930376979	NA	0	NA	No
AC004623.1	1.01	0.28	<0.1	NA	0.63681592	NA	-0.604028	NA	No
AP003733.3	0.66	1.83	<0.1	NA	1.704819277	NA	0.624145	NA	No
AL928654.4	2.86	2.43	<0.1	NA	0.888601036	NA	0	NA	No
CR392039.4	0.71	0	<0.1	NA	0.584795322	NA	0	NA	No
AC093525.8	0.32	0.76	<0.1	NA	1.333333333	NA	0	NA	No
AC008764.8	0.45	0.37	<0.1	NA	0.944827586	NA	0	NA	No
AC002094.5	0.17	0.08	<0.1	NA	0.923076923	NA	0	NA	No
AC006486.2	0.15	0.61	<0.1	NA	1.4	NA	0.29246	NA	No
AC010435.1	0.23	0.05	<0.1	NA	0.853658537	NA	0	NA	No
AL845472.1	0.17	0.25	<0.1	NA	1.068376068	NA	0	NA	No
AC020763.4	0.45	0.91	<0.1	NA	1.317241379	NA	0.332923	NA	No
AC099804.1	0.22	0.15	<0.1	NA	0.942622951	NA	0	NA	No
AC009086.2	0.9	0.9	<0.1	NA	1	NA	0	NA	No
AC109326.1	4.29	1.58	<0.1	NA	0.487712665	NA	-0.823094	NA	No
AC067930.5	1.19	2.34	<0.1	NA	1.525114155	NA	0.587691	NA	No
AC012313.1C	0.98	0.29	<0.1	NA	0.651515152	NA	0	NA	No
AL158211.5	0.32	0.36	<0.1	NA	1.03030303	NA	0	NA	No
AP003108.4	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AC120057.3	0.2	0.76	<0.1	NA	1.466666667	NA	0.152328	NA	No
AL132780.4	0.42	0.24	<0.1	NA	0.873239437	NA	0	NA	No
AP006621.5	3.14	5.39	<0.1	NA	1.543478261	NA	0.264998	NA	No

AC092919.2	1.59	1.46	<0.1	NA	0.94980695	NA	0	NA	No
AC110285.6	0.84	3.16	<0.1	NA	2.260869565	NA	1.16549	NA	No
AC011270.2	0.27	0.21	<0.1	NA	0.952755906	NA	0	NA	No
AP001273.1	0.14	0.2	<0.1	NA	1.052631579	NA	0	NA	No
AC131212.2	0.12	0.12	<0.1	NA	1	NA	0	NA	No
AC006128.1	3.48	3.21	<0.1	NA	0.939732143	NA	0	NA	No
SOWAHCP2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC007342.7	0.23	0.23	<0.1	NA	1	NA	0	NA	No
KMT5AP1	0.82	0.54	<0.1	NA	0.846153846	NA	0	NA	No
AC007342.8	0.24	0.16	<0.1	NA	0.935483871	NA	0	NA	No
AP000974.1	0.2	0.36	<0.1	NA	1.133333333	NA	0	NA	No
AC132938.6	0.23	0.68	<0.1	NA	1.365853659	NA	0	NA	No
AC012317.2	0.14	0.5	<0.1	NA	1.315789474	NA	0	NA	No
AC013394.1	0.14	0.14	<0.1	NA	1	NA	0	NA	No
AC067931.1	2.07	1.27	<0.1	NA	0.739413681	NA	0	NA	No
AC120114.3	0.12	0.46	<0.1	NA	1.303571429	NA	0.0159878	NA	No
AC015909.5	0.12	0.31	<0.1	NA	1.169642857	NA	0	NA	No
AC024580.1	0.16	0.95	<0.1	NA	1.681034483	NA	0.113972	NA	No
AC006077.2	1.64	1.64	<0.1	NA	1	NA	0	NA	No
BCLAF1P2	0.27	0.27	<0.1	NA	1	NA	0	NA	No
AC011472.5	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AC120057.4	0.69	0.35	<0.1	NA	0.798816568	NA	0	NA	No
AC145098.2	1.68	2.49	<0.1	NA	1.302238806	NA	0.124323	NA	No
AL031846.2	0.12	0.09	<0.1	NA	0.973214286	NA	0	NA	No
AC097372.2	0.23	0.23	<0.1	NA	1	NA	0	NA	No
AC073548.1	0.71	0.48	<0.1	NA	0.865497076	NA	0	NA	No
AC092964.1	0.11	0.19	<0.1	NA	1.072072072	NA	0	NA	No
AC069547.1	0.34	0.54	<0.1	NA	1.149253731	NA	0	NA	No
AP003108.5	0.48	0.48	<0.1	NA	1	NA	0	NA	No
BIRC6-AS2	0.15	0	0.17	0.17	0.869565217	1.002631838	0	0	No
AC022417.1	0.16	0.04	<0.1	NA	0.896551724	NA	0	NA	No
FO538757.1	0.28	4.68	<0.1	NA	4.4375	NA	2.0452	NA	No
AL032819.2	0.3	0.67	<0.1	NA	1.284615385	NA	0	NA	No
FLJ38576	0.11	0.17	<0.1	NA	1.054054054	NA	0	NA	No
AL162274.3	0.12	0.05	<0.1	NA	0.9375	NA	0	NA	No
AP001350.2	0.2	0.29	<0.1	NA	1.075	NA	0	NA	No
AC116407.3	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
AC126544.1	0.14	0.14	<0.1	NA	1	NA	0	NA	No

AC007342.9	0.12	0.08	<0.1	NA	0.964285714	NA	0	NA	No
AP002800.1	0.7	0.5	<0.1	NA	0.882352941	NA	0	NA	No
AC116407.4	0.25	0.3	<0.1	NA	1.04	NA	0	NA	No
AC091825.3	0.55	0.16	<0.1	NA	0.748387097	NA	-0.121983	NA	No
AC012676.5	0.33	0.46	<0.1	NA	1.097744361	NA	0	NA	No
GATD3B	6.57	6.25	<0.1	NA	0.957727873	NA	0	NA	No
AL353763.2	1.18	0.76	<0.1	NA	0.80733945	NA	0	NA	No
AC011447.7	0.17	1.11	<0.1	NA	1.803418803	NA	0.929476	NA	No
AC126474.2	0.12	0.27	<0.1	NA	1.133928571	NA	0	NA	No
AL603750.1	0.44	0.59	<0.1	NA	1.104166667	NA	0	NA	No
AL022393.1	0.16	0.19	<0.1	NA	1.025862069	NA	0	NA	No
AC231657.2	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AC073857.1	0.66	0.96	<0.1	NA	1.180722892	NA	0	NA	No
AL662795.2	0.38	0.52	<0.1	NA	1.101449275	NA	0	NA	No
AC026471.6	0.39	0.59	<0.1	NA	1.143884892	NA	0	NA	No
AC240565.1	0.12	0.08	<0.1	NA	0.964285714	NA	0	NA	No
AP000892.4	0.12	0.17	<0.1	NA	1.044642857	NA	0	NA	No
AC009078.3	0.12	0.18	<0.1	NA	1.053571429	NA	0	NA	No
AC135050.7	0.6	0.91	<0.1	NA	1.19375	NA	0	NA	No
AC022413.1	1.85	1.09	<0.1	NA	0.733333333	NA	0	NA	No
AC104447.1	0.15	0.18	<0.1	NA	1.026086957	NA	0	NA	No
AC022107.1	0.47	1.17	<0.1	NA	1.476190476	NA	0.578421	NA	No
AD000864.1	0.26	0.35	<0.1	NA	1.071428571	NA	0	NA	No
AC245140.2	0.58	0.55	<0.1	NA	0.981012658	NA	0	NA	No
AC087163.3	0.31	0.08	<0.1	NA	0.824427481	NA	0	NA	No
AC005831.1	0.35	0.13	<0.1	NA	0.837037037	NA	0	NA	No
AC026401.3	13.94	17.19	<0.1	NA	1.217536814	NA	0.00534446	NA	No
AC106886.5	0.38	0.49	<0.1	NA	1.079710145	NA	0	NA	No
UCKL1-AS1	0.19	0.22	1.40	1.98	1.025210084	1.241955648	0	0	No
AL022326.2	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AC126564.1	0.56	0.19	<0.1	NA	0.762820513	NA	0	NA	No
AL031719.2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC011498.7	0.18	0.79	<0.1	NA	1.516949153	NA	0.435897	NA	No
AC233723.2	0.43	0.2	<0.1	NA	0.839160839	NA	0	NA	No
AC130456.7	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AP000577.2	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AF131216.4	0.2	0.4	<0.1	NA	1.166666667	NA	0	NA	No
FLJ30679	0.24	1	<0.1	NA	1.612903226	NA	0.516164	NA	No

AC131212.3	1	0.78	<0.1	NA	0.89	NA	0	NA	No
ERICD	0.27	0.93	<0.1	NA	1.519685039	NA	0.408279	NA	No
AC023300.3	0.13	0.03	<0.1	NA	0.911504425	NA	0	NA	No
AC127496.7	0.51	0.24	<0.1	NA	0.821192053	NA	0	NA	No
AL132656.4	0.15	0.08	<0.1	NA	0.939130435	NA	0	NA	No
AC012640.5	0.34	0	<0.1	NA	0.746268657	NA	0	NA	No
Z95331.1	0.12	0.08	<0.1	NA	0.964285714	NA	0	NA	No
AP000648.4	0.39	0.58	<0.1	NA	1.136690647	NA	0	NA	No
AC132872.4	0.6	1.13	<0.1	NA	1.33125	NA	0.19034	NA	No
AC032044.2	0.29	0	<0.1	NA	0.775193798	NA	0	NA	No
AC096887.2	0.11	0.74	<0.1	NA	1.567567568	NA	0.819838	NA	No
AC005355.2	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
BX537318.2	0.18	0.21	<0.1	NA	1.025423729	NA	0	NA	No
AC006058.4	0.83	0.74	<0.1	NA	0.950819672	NA	0	NA	No
AC002064.3	0.31	0	<0.1	NA	0.763358779	NA	0	NA	No
AC005329.3	0.18	0.18	<0.1	NA	1	NA	0	NA	No
Metazoa_SRF	0.18	0.18	<0.1	NA	1	NA	0	NA	No
AC006059.2	0.25	0.3	<0.1	NA	1.04	NA	0	NA	No
LINC01348	0.25	0.95	0.10	0.05	1.56	0.955350273	0.987935	0	No
BTG3-AS1	0.41	0.7	<0.1	NA	1.205673759	NA	0	NA	No
LINC02204	0.13	5.01	<0.1	NA	5.318584071	NA	3.83487	NA	No
AC245100.7	2.07	2.98	<0.1	NA	1.296416938	NA	0	NA	No
CCDC163	2	2.09	<0.1	NA	1.03	NA	0	NA	No
43PXD2A-AS1	1.35	2.19	<0.1	NA	1.357446809	NA	0.132354	NA	No
LINC01943	0.11	0.25	<0.1	NA	1.126126126	NA	0	NA	No
LINC01232	4.11	4.44	0.37	0.42	1.064579256	1.03655239	0	0	No
AL732314.4	0.21	0.1	<0.1	NA	0.909090909	NA	0	NA	No
PAGR1	8.39	7.83	26.26	24.35	0.940362087	0.929755095	0	-0.117402	No
LINC00294	0.61	0.99	1.24	1.51	1.236024845	1.120023691	0	0	No
AC090114.3	0.77	1.61	<0.1	NA	1.474576271	NA	0	NA	No
GSEC	2.48	3.1	<0.1	NA	1.17816092	NA	0	NA	No
AC025048.6	0.78	1.01	<0.1	NA	1.129213483	NA	0	NA	No
ELDR	0.15	0.34	<0.1	NA	1.165217391	NA	0	NA	No
CTSLP3	0.11	0.04	<0.1	NA	0.936936937	NA	0	NA	No
CTBP1-AS	0.12	0.15	3.76	4.19	1.026785714	1.090387816	0	-0.270234	No
AC002059.2	19.93	26.21	<0.1	NA	1.300047778	NA	0	NA	No
MATR3	0.4	0.18	42.15	43.73	0.842857143	1.036619284	-0.242407	-0.0238828	No
LINC00921	0.3	0.26	1.24	1.17	0.969230769	0.96736735	0	0	No

N4BP2L2-IT2	0.11	0.04	0.22	0.24	0.936936937	1.015850665	0	0	No
AL117327.1	0.35	0.18	<0.1	NA	0.874074074	NA	0	NA	No
SCHLAP1	1.94	2.38	<0.1	NA	1.149659864	NA	0	NA	No
LINC01127	0.21	1.21	2.79	2.96	1.826446281	1.04569926	1.6123	0	No
NPTN-IT1	0.3	0.3	0.53	0.98	1	1.291706167	0	0.17743	No
GHET1	0.7	0.7	0.49	0.43	1	0.959033104	0	0	No
SLFNL1-AS1	0.2	0.37	1.82	2.80	1.141666667	1.347053722	0	0.180571	No
LINC00997	0.77	0.54	3.81	4.19	0.870056497	1.079036792	0	0	No
AC024941.2	0.55	0.49	<0.1	NA	0.961290323	NA	0	NA	No
AC120114.4	2.21	0.29	<0.1	NA	0.401869159	NA	-0.830364	NA	No
4RRDC3-AS1	0.11	0.3	0.45	0.67	1.171171171	1.152516579	0.478411	0	No
RASSF1-AS1	0.74	0.47	18.38	17.41	0.844827586	0.950203489	0	-0.0405417	No
ABALON	2.19	2.69	2.81	3.53	1.156739812	1.188875637	0	0.029799	No
SNHG4	1.47	1.4	18.97	20.12	0.971659919	1.057727749	0	0	No
LINC01176	0.12	0.18	1.44	1.78	1.053571429	1.139018971	0	0	No
BLACAT1	5.82	6.83	<0.1	NA	1.148093842	NA	0.0619811	NA	No
AP001052.1	4.32	2.7	<0.1	NA	0.695488722	NA	0	NA	No
CICP14	0.94	1.04	<0.1	NA	1.051546392	NA	0	NA	No
SEPSECS-AS1	0.33	0.16	1.10	1.50	0.872180451	1.190142388	0	0	No
AC004461.3	0.13	0.07	<0.1	NA	0.946902655	NA	0	NA	No
AC241585.2	0.29	1.57	<0.1	NA	1.992248062	NA	0.699482	NA	No
AL365214.2	0.18	0.04	<0.1	NA	0.881355932	NA	0	NA	No
SAMD12-AS1	0.23	0.14	<0.1	NA	0.926829268	NA	0	NA	No
EBLN3P	4.66	4.36	<0.1	NA	0.946996466	NA	0	NA	No
LINC01012	0.54	0.48	<0.1	NA	0.961038961	NA	0	NA	No
LINC01394	0.65	1.55	<0.1	NA	1.545454545	NA	0	NA	No
AL732314.6	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
LINC02246	4.53	4.73	<0.1	NA	1.036166365	NA	0	NA	No
LINC01144	0.25	0.56	0.54	0.24	1.248	0.803934989	0	-0.247931	No
AC100810.3	0.19	0.45	<0.1	NA	1.218487395	NA	0	NA	No
AC106886.6	0.25	0.42	<0.1	NA	1.136	NA	0.178602	NA	No
AC233280.19	10.22	14.53	<0.1	NA	1.384135472	NA	0	NA	No
AC119427.1	2.4	10.76	<0.1	NA	3.458823529	NA	1.4339	NA	No
AC140479.4	0.23	0.17	<0.1	NA	0.951219512	NA	0	NA	No
AL358472.4	0.53	1.88	<0.1	NA	1.882352941	NA	0.13137	NA	No
AC092299.1	0.28	0.14	<0.1	NA	0.890625	NA	0	NA	No
AC092811.1	0.19	1.62	<0.1	NA	2.201680672	NA	0.692617	NA	No
LINC01002	0.57	0.64	<0.1	NA	1.044585987	NA	0	NA	No

AC215522.2	1.03	0.55	<0.1	NA	0.763546798	NA	0	NA	No
AL157888.1	0.72	1.71	<0.1	NA	1.575581395	NA	0	NA	No
FRG1CP	2.74	2.54	10.15	10.41	0.946524064	1.022925811	0	0	No
AL590644.1	0.13	0.13	<0.1	NA	1	NA	0	NA	No
AL359834.1	0.92	2.93	<0.1	NA	2.046875	NA	0.382331	NA	No
BISPR	2.3	5.66	2.82	2.97	2.018181818	1.039782797	0.954555	0	No
AC093591.3	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
Z98752.4	0.36	0.09	<0.1	NA	0.801470588	NA	0	NA	No
AL627171.2	0.53	1.86	<0.1	NA	1.869281046	NA	0.993611	NA	No
RHOXF1P3	0.2	0.4	<0.1	NA	1.166666667	NA	0	NA	No
AC004706.3	0.74	1.15	<0.1	NA	1.235632184	NA	0.109719	NA	No
AL031777.2	0.23	2.15	<0.1	NA	2.56097561	NA	1.82999	NA	No
LINC02635	0.93	2.58	<0.1	NA	1.85492228	NA	0.624145	NA	No
AL139353.3	0.26	0	<0.1	NA	0.793650794	NA	0	NA	No
AC022596.2	0.16	0.45	<0.1	NA	1.25	NA	0	NA	No
AC008038.1	369.33	229.56	<0.1	NA	0.622579861	NA	-0.629176	NA	No
GTF2IP12	0.48	0.52	<0.1	NA	1.027027027	NA	0	NA	No
AC010653.3	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
AL353759.1	0.17	1.73	<0.1	NA	2.333333333	NA	1.61634	NA	No
LBHD2	0.44	7.29	<0.1	NA	5.756944444	NA	2.47308	NA	No
AL137077.2	0.17	1.03	<0.1	NA	1.735042735	NA	0.828724	NA	No
AC010642.2	4.75	3.56	<0.1	NA	0.793043478	NA	-0.158635	NA	No
AC011451.3	0.23	1.2	<0.1	NA	1.788617886	NA	0.407635	NA	No
AL049767.1	2.6	2.08	<0.1	NA	0.855555556	NA	0	NA	No
IQCI-SCHIP1	6.21	10.49	0.93	1.97	1.593619972	1.536769391	0.569791	0.222094	No
BX119927.1	2.38	2.41	<0.1	NA	1.00887574	NA	0	NA	No
C13orf46	0.7	1.43	<0.1	NA	1.429411765	NA	0.467414	NA	No
AC007529.2	0.15	0.05	<0.1	NA	0.913043478	NA	0	NA	No
TEX54	0.55	0	<0.1	NA	0.64516129	NA	0	NA	No
TEX52	0.19	0.05	<0.1	NA	0.882352941	NA	0	NA	No
AL831711.1	0.19	0	<0.1	NA	0.840336134	NA	0	NA	No
AC068205.2	0.23	0.15	<0.1	NA	0.93495935	NA	0	NA	No
AL021368.4	0.63	0.4	<0.1	NA	0.858895706	NA	0	NA	No
CNTNAP3C	5.32	2.56	<0.1	NA	0.563291139	NA	-0.607108	NA	No
AC068631.3	14.97	13.29	<0.1	NA	0.894802755	NA	0	NA	No
MIR3662	0.56	0	0.54	0.54	0.641025641	0.997165413	0	0	No
MIR1910	0.67	0	0.64	0.00	0.598802395	0.609756098	0	0	No
AF001550.2	0.49	1.23	<0.1	NA	1.496644295	NA	0	NA	No

MIR1244-3	1.26	0	<0.1	NA	0.442477876	NA	0	NA	No
AL136985.3	0.16	0.14	<0.1	NA	0.982758621	NA	0	NA	No
FAM95C	0.18	0.37	5.20	6.22	1.161016949	1.164508132	0	0	No
AC017104.4	0.84	1	<0.1	NA	1.086956522	NA	0	NA	No
MIR1244-2	6.29	3.14	<0.1	NA	0.567901235	NA	0	NA	No
AC137936.2	0.13	0.8	<0.1	NA	1.592920354	NA	0.694771	NA	No
AC005622.1	0.57	0.88	<0.1	NA	1.197452229	NA	0	NA	No
AC005972.3	0.27	0.02	<0.1	NA	0.803149606	NA	-1.0127	NA	No
AC098484.3	0.17	0.03	<0.1	NA	0.88034188	NA	0	NA	No
AL137785.1	1.31	1.85	<0.1	NA	1.233766234	NA	0	NA	No
AC083841.4	0.15	0.76	<0.1	NA	1.530434783	NA	0	NA	No
AC018553.2	2.91	2.11	<0.1	NA	0.795396419	NA	0	NA	No
AL592295.4	0.86	0.8	<0.1	NA	0.967741935	NA	0	NA	No
FAM238C	0.24	0.42	<0.1	NA	1.14516129	NA	0	NA	No
AL137002.2	0.41	1.12	<0.1	NA	1.503546099	NA	0.530307	NA	No
MIR4260	1.6	0	<0.1	NA	0.384615385	NA	0	NA	No
BX664615.2	0.28	0.14	<0.1	NA	0.890625	NA	0	NA	No
AC011416.3	0.11	0.09	<0.1	NA	0.981981982	NA	0	NA	No
TEP2-CSNK	0.12	0.12	<0.1	NA	1	NA	0	NA	No
AP002851.1	0.2	0.63	<0.1	NA	1.358333333	NA	0	NA	No
MIR4442	37.5	39.05	86.70	72.15	1.04025974	0.834102604	0	0	No
AC084337.2	0.73	0.3	<0.1	NA	0.751445087	NA	0	NA	No
GNG14	0.13	0.38	<0.1	NA	1.221238938	NA	0	NA	No
SLURP2	11.83	16.4	<0.1	NA	1.356196415	NA	0.0844472	NA	No
MIR1281	0.99	0.99	69.50	51.83	1	0.749327947	0	-0.065581	No
HSPA14	2.82	5.36	15.41	16.58	1.664921466	1.071334756	0.673189	0	No
AC006460.2	0.22	0.16	<0.1	NA	0.950819672	NA	0	NA	No
SCO2	5.81	4.76	53.32	52.82	0.845814978	0.990831059	0	0	No
AC004922.1	0.12	0.28	<0.1	NA	1.142857143	NA	0	NA	No
C2orf81	0.2	0.18	5.60	3.77	0.983333333	0.722234083	0	-0.402941	No
AC092329.4	0.66	0.98	<0.1	NA	1.192771084	NA	0.0154192	NA	No
AL022238.3	0.12	0.11	<0.1	NA	0.991071429	NA	0	NA	No
MIR205	6.32	0.49	<0.1	NA	0.203551913	NA	-0.782541	NA	No
AC011471.4	0.25	0.49	<0.1	NA	1.192	NA	0	NA	No
THSD8	0.18	0.3	<0.1	NA	1.101694915	NA	0	NA	No
YNX1-SLURF	15.84	8.41	<0.1	NA	0.558788599	NA	-0.625142	NA	No
LINC01226	0.14	0.41	<0.1	NA	1.236842105	NA	0.841478	NA	No
AL031432.4	0.29	0.22	<0.1	NA	0.945736434	NA	0	NA	No

LINC02786	0.31	0.38	<0.1	NA	1.053435115	NA	0	NA	No
AC092902.4	0.95	0.91	<0.1	NA	0.979487179	NA	0	NA	No
AP000867.4	1.22	0	<0.1	NA	0.45045045	NA	0	NA	No
AP000553.5	1.48	1.36	<0.1	NA	0.951612903	NA	0	NA	No
AC073648.6	19.13	17.88	<0.1	NA	0.937903626	NA	0	NA	No
AC097493.3	0.24	1.95	<0.1	NA	2.379032258	NA	0.00670363	NA	No
AP000553.6	0.99	3.96	<0.1	NA	2.492462312	NA	0	NA	No
AC105233.5	0.49	0	<0.1	NA	0.67114094	NA	0	NA	No
AC073111.4	1.42	1.8	<0.1	NA	1.157024793	NA	0	NA	No
LINC02606	0.2	0.06	<0.1	NA	0.883333333	NA	0	NA	No
AL049637.1	0.63	1.09	<0.1	NA	1.282208589	NA	0	NA	No
SMIM38	0.11	3	<0.1	NA	3.603603604	NA	3.20258	NA	No
AL033527.3	0.34	0.4	<0.1	NA	1.044776119	NA	0	NA	No
AC083906.5	1.71	0	<0.1	NA	0.36900369	NA	0	NA	No
AC099063.4	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
AL645728.2	0.32	0.08	<0.1	NA	0.818181818	NA	0	NA	No
AL034417.4	0.19	0.31	<0.1	NA	1.100840336	NA	0	NA	No
EEF1AKMT4	34.65	22.84	<0.1	NA	0.668723703	NA	-0.390124	NA	No
AL121900.1	0.62	0	<0.1	NA	0.617283951	NA	-0.0100004	NA	No
AC008397.1	0.43	1.23	<0.1	NA	1.559440559	NA	0	NA	No
AC245033.4	0.34	0	<0.1	NA	0.746268657	NA	0	NA	No
AC007846.1	0.26	2.55	<0.1	NA	2.817460317	NA	1.86563	NA	No
AC133644.2	0.15	0.07	<0.1	NA	0.930434783	NA	0	NA	No
AL359762.1	0.41	0.72	<0.1	NA	1.219858156	NA	0	NA	No
AC091057.6	0.14	0.12	<0.1	NA	0.98245614	NA	0	NA	No
AC068831.6	0.55	0.33	<0.1	NA	0.858064516	NA	-0.0963278	NA	No
AC107959.4	0.9	1.07	<0.1	NA	1.089473684	NA	0	NA	No
AL662884.3	1.06	1.26	<0.1	NA	1.097087379	NA	0	NA	No
AC093827.4	0.59	1.32	<0.1	NA	1.459119497	NA	0.435811	NA	No
AL049629.2	0.11	0.62	<0.1	NA	1.459459459	NA	0	NA	No
BX255925.3	18.84	25.86	<0.1	NA	1.353830645	NA	0.287325	NA	No
AL449043.2	0.95	1.49	<0.1	NA	1.276923077	NA	0	NA	No
AL590282.2	0.84	0.48	<0.1	NA	0.804347826	NA	0	NA	No
AC017002.3	0.29	0.25	<0.1	NA	0.968992248	NA	0	NA	No
AC245140.3	1.65	1.1	<0.1	NA	0.79245283	NA	0	NA	No
AC091057.7	0.32	0.32	<0.1	NA	1	NA	0	NA	No
AC093512.2	1.03	1	<0.1	NA	0.985221675	NA	0	NA	No
TBCE	1.36	1.37	28.36	28.17	1.004237288	0.993467961	0	-0.0157922	No

ARHGAP11B	0.52	0.94	49.99	48.38	1.276315789	0.968495086	0.193442	-0.114774	No
AL662884.4	1.31	0.51	<0.1	NA	0.653679654	NA	0	NA	No
AL109840.2	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
AC021066.3	1.16	0	<0.1	NA	0.462962963	NA	0	NA	No
AC016831.6	0.12	0.06	<0.1	NA	0.946428571	NA	0	NA	No
AC103718.1	0.39	0.54	<0.1	NA	1.107913669	NA	0	NA	No
AC092306.1	1.9	1.21	<0.1	NA	0.762068966	NA	0	NA	No
AL357556.4	0.12	0.25	<0.1	NA	1.116071429	NA	0	NA	No
AC018754.1	0.33	0.35	<0.1	NA	1.015037594	NA	0	NA	No
AL009178.3	0.59	1.82	<0.1	NA	1.773584906	NA	0.0523193	NA	No
RALY-AS1	0.24	0.47	3.37	3.86	1.185483871	1.112547093	0.391011	0	No
OOSP3	0.13	0.31	<0.1	NA	1.159292035	NA	0	NA	No
TFAP2A-AS2	0.48	0.33	<0.1	NA	0.898648649	NA	0	NA	No
LINC00842	0.73	1.28	<0.1	NA	1.317919075	NA	0.154972	NA	No
AC090517.5	0.11	0.17	<0.1	NA	1.054054054	NA	0	NA	No
LINC02478	0.12	0.37	<0.1	NA	1.223214286	NA	0	NA	No
GABPB1-IT1	1.87	1.34	<0.1	NA	0.81533101	NA	-0.116344	NA	No
AC137630.5	0.28	0.42	<0.1	NA	1.109375	NA	0	NA	No
AC093827.5	0.28	0.21	<0.1	NA	0.9453125	NA	0	NA	No
H2BE1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AC010198.2	0.24	0.51	<0.1	NA	1.217741935	NA	0.641872	NA	No
Z83840.1	0.7	0.28	<0.1	NA	0.752941176	NA	0	NA	No
LINC02788	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
RELA-DT	0.86	1.46	<0.1	NA	1.322580645	NA	0.221289	NA	No
AL590666.4	0.11	0.28	<0.1	NA	1.153153153	NA	0	NA	No
AC010422.8	1.88	3.07	<0.1	NA	1.413194444	NA	0.386308	NA	No
AC234917.2	0.16	0.78	<0.1	NA	1.534482759	NA	0	NA	No
AC023593.1	0.21	0.1	<0.1	NA	0.909090909	NA	0	NA	No
AC097625.1	0.15	0.12	<0.1	NA	0.973913043	NA	0	NA	No
AC117378.1	0.18	0.09	<0.1	NA	0.923728814	NA	0	NA	No
AC126755.6	0.38	0.13	<0.1	NA	0.81884058	NA	-0.0981797	NA	No
AL358472.6	1.07	0.75	<0.1	NA	0.845410628	NA	0	NA	No
AL357079.2	0.16	0.26	<0.1	NA	1.086206897	NA	0	NA	No
AL031274.1	0.24	0.24	<0.1	NA	1	NA	0	NA	No
AC126544.2	0.9	1.59	<0.1	NA	1.363157895	NA	0	NA	No
AL158212.5	0.22	0.04	<0.1	NA	0.852459016	NA	0	NA	No
AC079142.1	0.27	0.42	<0.1	NA	1.118110236	NA	0	NA	No
AC115284.3	0.29	0.92	<0.1	NA	1.488372093	NA	0	NA	No

AP002381.2	2.22	2.06	<0.1	NA	0.950310559	NA	0	NA	No
AL807776.1	0.36	0.66	<0.1	NA	1.220588235	NA	0	NA	No
AC063960.1	0.39	0.65	<0.1	NA	1.18705036	NA	0	NA	No
AC207130.1	0.14	0.11	<0.1	NA	0.973684211	NA	0	NA	No
AC004967.2	0.92	0.67	<0.1	NA	0.869791667	NA	0	NA	No
AC098484.4	0.5	0.27	<0.1	NA	0.846666667	NA	0	NA	No
AC083837.1	0.42	0.37	<0.1	NA	0.964788732	NA	0	NA	No
BX890604.2	1.02	1.2	<0.1	NA	1.089108911	NA	0	NA	No
AL138885.3	0.62	0.53	<0.1	NA	0.944444444	NA	0	NA	No
AL645939.6	0.71	0.77	<0.1	NA	1.035087719	NA	0	NA	No
ANAPC1P2	4.68	4.6	<0.1	NA	0.985915493	NA	0	NA	No
AL162458.1	0.14	0.3	<0.1	NA	1.140350877	NA	0.272511	NA	No
AP000813.1	0.16	0.08	<0.1	NA	0.931034483	NA	0	NA	No
AP000944.5	0.16	0.15	<0.1	NA	0.99137931	NA	0	NA	No
AL157829.1	1.34	1.96	<0.1	NA	1.264957265	NA	0	NA	No
CCDC15-DT	0.18	0.26	<0.1	NA	1.06779661	NA	0	NA	No
AP001267.5	0.17	0.1	<0.1	NA	0.94017094	NA	0	NA	No
AC007240.3	0.26	0.86	<0.1	NA	1.476190476	NA	0.168573	NA	No
AL445253.1	0.53	0.72	<0.1	NA	1.124183007	NA	0	NA	No
AL035446.2	0.35	0.52	<0.1	NA	1.125925926	NA	0	NA	No
AL022345.4	0.41	0.2	<0.1	NA	0.85106383	NA	0	NA	No
AC083855.2	10.21	11.64	<0.1	NA	1.127564674	NA	0	NA	No
AC104453.1	0.18	0.3	<0.1	NA	1.101694915	NA	0	NA	No
AP003498.2	4.25	2.66	<0.1	NA	0.697142857	NA	-0.113088	NA	No
AC072022.2	0.56	0.37	<0.1	NA	0.878205128	NA	0	NA	No
NIPBL-DT	1.49	3.12	<0.1	NA	1.654618474	NA	0.768279	NA	No
AL135905.2	7.83	8.75	<0.1	NA	1.10419026	NA	0	NA	No
AC124944.3	0.3	0.43	<0.1	NA	1.1	NA	0	NA	No
AC062037.3	0.3	0.37	<0.1	NA	1.053846154	NA	0	NA	No
AF129075.3	0.44	0.22	<0.1	NA	0.847222222	NA	0	NA	No
NOTCH2NLB	0.14	0.1	<0.1	NA	0.964912281	NA	0	NA	No
AC100822.1	0.11	0.66	<0.1	NA	1.495495495	NA	0.113972	NA	No
AC091214.1	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
AC005034.6	0.21	0.11	<0.1	NA	0.917355372	NA	0	NA	No
AC008966.3	0.19	0.41	<0.1	NA	1.18487395	NA	0	NA	No
AC018865.2	0.13	0.32	<0.1	NA	1.168141593	NA	0	NA	No
RCAN3AS	0.14	1.05	0.60	0.59	1.798245614	0.995667977	0.487244	0	No
AL035413.2	0.32	0.47	<0.1	NA	1.113636364	NA	0	NA	No

AC004263.2	0.52	1.52	<0.1	NA	1.657894737	NA	0.743656	NA	No
AC110795.1	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AC099661.1	1.71	0.75	<0.1	NA	0.645756458	NA	-0.340424	NA	No
SPEGNB	0.17	0.28	<0.1	NA	1.094017094	NA	0	NA	No
AC016629.3	1.05	0.66	<0.1	NA	0.809756098	NA	-0.0198179	NA	No
NOTCH2NLR	0.63	0.48	<0.1	NA	0.90797546	NA	0	NA	No
AL157394.3	0.13	0.13	<0.1	NA	1	NA	0	NA	No
AC245060.7	3.23	2.62	<0.1	NA	0.855791962	NA	0	NA	No
AC093817.2	2.63	1.23	<0.1	NA	0.614325069	NA	-0.256512	NA	No
AC010336.7	0.5	1.14	<0.1	NA	1.426666667	NA	0	NA	No
Z97056.2	0.12	1.64	<0.1	NA	2.357142857	NA	1.43116	NA	No
AP000331.1	0.21	0.26	<0.1	NA	1.041322314	NA	0	NA	No
AC026273.1	3.15	2.33	<0.1	NA	0.802409639	NA	0	NA	No
AL034548.2	0.34	0.08	<0.1	NA	0.805970149	NA	0	NA	No
AL162253.2	0.86	0.96	<0.1	NA	1.053763441	NA	0	NA	No
AC024937.3	0.68	0.37	<0.1	NA	0.81547619	NA	0	NA	No
AC011462.5	0.15	0.33	<0.1	NA	1.156521739	NA	0	NA	No
AL139351.2	0.81	0.37	<0.1	NA	0.756906077	NA	0	NA	No
AC073140.2	0.28	0	<0.1	NA	0.78125	NA	0	NA	No
AC025449.2	1.53	0.77	<0.1	NA	0.699604743	NA	-0.369807	NA	No
AC007546.3	0.17	0.07	<0.1	NA	0.914529915	NA	0	NA	No
AC064836.3	0.48	0.14	<0.1	NA	0.77027027	NA	0	NA	No
AC018797.3	0.39	0.13	<0.1	NA	0.81294964	NA	0	NA	No
AC078820.2	0.26	0.55	<0.1	NA	1.23015873	NA	0	NA	No
AC022137.3	0.89	1.77	<0.1	NA	1.465608466	NA	0.290523	NA	No
AP001453.4	12.08	10.39	<0.1	NA	0.870795107	NA	0	NA	No
AL009177.1	0.12	0.16	<0.1	NA	1.035714286	NA	0	NA	No
Z95115.2	0.12	0.15	<0.1	NA	1.026785714	NA	0	NA	No
AC011388.1	1.06	0.42	<0.1	NA	0.689320388	NA	0	NA	No
AL161430.1	0.18	0.8	<0.1	NA	1.525423729	NA	0	NA	No
AC025370.2	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
AC135726.1	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
AP005717.2	0.21	0.26	<0.1	NA	1.041322314	NA	0	NA	No
AC005052.2	0.29	0.29	<0.1	NA	1	NA	0	NA	No
AP002813.1	0.93	0.34	<0.1	NA	0.694300518	NA	0	NA	No
AC022387.2	0.24	0.12	<0.1	NA	0.903225806	NA	0	NA	No
AC084864.2	0.11	0.06	<0.1	NA	0.954954955	NA	0	NA	No
AC026748.3	5.57	5.64	<0.1	NA	1.01065449	NA	0	NA	No

AC069547.2	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No
AC010378.1	0.26	1.64	<0.1	NA	2.095238095	NA	1.37475	NA	No
AC004863.1	0.17	0.17	<0.1	NA	1	NA	0	NA	No
AC113410.4	4.06	2.77	<0.1	NA	0.745059289	NA	0	NA	No
AL442067.3	0.22	0.7	<0.1	NA	1.393442623	NA	0.841684	NA	No
AC009486.2	0.3	0.03	<0.1	NA	0.792307692	NA	-0.352227	NA	No
AC020558.6	0.39	0.59	<0.1	NA	1.143884892	NA	0	NA	No
BX842570.1	1.07	0.8	<0.1	NA	0.869565217	NA	0	NA	No
AC091178.2	0.55	0.46	<0.1	NA	0.941935484	NA	0	NA	No
AL035661.2	0.11	0.05	<0.1	NA	0.945945946	NA	0	NA	No
AL499602.1	2.37	4.53	<0.1	NA	1.640949555	NA	0.383008	NA	No
AC016769.5	1.08	1.79	<0.1	NA	1.341346154	NA	0	NA	No
AC007130.1	0.22	0.55	<0.1	NA	1.270491803	NA	0	NA	No
AC117509.1	0.22	0	<0.1	NA	0.819672131	NA	0	NA	No
AC004947.3	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
AC009236.1	0.59	0.13	<0.1	NA	0.710691824	NA	-0.0046639	NA	No
H3C2	1.36	7.84	<0.1	NA	3.745762712	NA	1.50617	NA	No
AL161665.2	0.12	0.12	<0.1	NA	1	NA	0	NA	No
PARTICL	3.82	2.79	2.97	2.29	0.786307054	0.829577322	0	-0.161709	No
AC139019.1	0.11	0.35	<0.1	NA	1.216216216	NA	0	NA	No
AP003065.1	0.38	0.26	<0.1	NA	0.913043478	NA	0	NA	No
AC104304.3	0.25	0.08	<0.1	NA	0.864	NA	0	NA	No
AC023494.1	0.46	0.4	<0.1	NA	0.95890411	NA	0	NA	No
AC104472.4	1.76	2.44	<0.1	NA	1.246376812	NA	0	NA	No
AP006261.1	0.13	0.13	<0.1	NA	1	NA	0	NA	No
AC010201.3	0.23	0.27	<0.1	NA	1.032520325	NA	0	NA	No
AC119673.2	1.56	1.04	<0.1	NA	0.796875	NA	-0.198255	NA	No
AL139234.1	0.11	0.73	<0.1	NA	1.558558559	NA	0.248989	NA	No
AL021918.5	0.15	0.02	<0.1	NA	0.886956522	NA	0	NA	No
Z99716.2	0.3	0.79	<0.1	NA	1.376923077	NA	0	NA	No
AC008532.1	0.51	2.55	<0.1	NA	2.350993377	NA	0.594125	NA	No
AC090946.1	0.14	0.53	<0.1	NA	1.342105263	NA	0	NA	No
AC084198.4	0.47	0.85	<0.1	NA	1.258503401	NA	0	NA	No
AC079140.6	0.33	0.09	<0.1	NA	0.819548872	NA	0	NA	No
AC010896.1	0.31	0.23	<0.1	NA	0.938931298	NA	0	NA	No
AC007066.3	0.16	2.3	<0.1	NA	2.844827586	NA	0.898804	NA	No
AL732509.1	0.38	0.39	<0.1	NA	1.007246377	NA	0	NA	No
AC137695.3	0.57	0.67	<0.1	NA	1.063694268	NA	0	NA	No

AC126182.3	0.47	0.07	<0.1	NA	0.727891156	NA	-0.252286	NA	No
AC127540.2	0.24	0	<0.1	NA	0.806451613	NA	-0.352227	NA	No
AC091978.1	0.62	1.82	<0.1	NA	1.740740741	NA	0.748067	NA	No
AL138716.1	0.62	0.33	<0.1	NA	0.820987654	NA	0	NA	No
AC092338.3	0.25	0.35	<0.1	NA	1.08	NA	0	NA	No
AL133477.1	3.6	2.53	<0.1	NA	0.767391304	NA	0	NA	No
AC087533.1	0.36	0.6	<0.1	NA	1.176470588	NA	0	NA	No
AL358232.2	0.15	0.66	<0.1	NA	1.443478261	NA	0	NA	No
AC061708.1	0.59	2	<0.1	NA	1.886792453	NA	0	NA	No
AC074290.1	1.21	0.94	<0.1	NA	0.877828054	NA	0	NA	No
AC012306.3	0.35	0.35	<0.1	NA	1	NA	0	NA	No
AC072054.1	1.16	0	<0.1	NA	0.462962963	NA	0	NA	No
AC005041.5	0.87	1.26	<0.1	NA	1.20855615	NA	0	NA	No
AL049569.2	0.14	0	<0.1	NA	0.877192982	NA	0	NA	No
AC108488.2	0.25	0.39	<0.1	NA	1.112	NA	0	NA	No
AC024560.4	1.58	2.79	<0.1	NA	1.468992248	NA	0.184801	NA	No
AC087269.3	0.37	0.47	<0.1	NA	1.072992701	NA	0	NA	No
AC006008.1	1.49	0.53	<0.1	NA	0.614457831	NA	-0.184332	NA	No
AC092943.2	1.7	2.78	<0.1	NA	1.4	NA	0.0714074	NA	No
AL035411.3	0.3	0.15	<0.1	NA	0.884615385	NA	0	NA	No
SMIM40	0.18	0	<0.1	NA	0.847457627	NA	0	NA	No
AL136419.3	0.42	0.42	<0.1	NA	1	NA	0	NA	No
AC092849.2	0.13	0.64	<0.1	NA	1.451327434	NA	0	NA	No
MICB-DT	1.06	1.52	<0.1	NA	1.223300971	NA	0	NA	No
AC027128.1	0.11	0.31	<0.1	NA	1.18018018	NA	0	NA	No
AL137800.1	30.45	32.98	<0.1	NA	1.080445151	NA	0	NA	No
AL662884.5	0.13	0.04	<0.1	NA	0.920353982	NA	0	NA	No
AL691432.4	1.02	0.85	<0.1	NA	0.915841584	NA	0	NA	No
AC010996.1	0.35	0.15	<0.1	NA	0.851851852	NA	0	NA	No
AL022162.1	6.24	2.59	<0.1	NA	0.495856354	NA	-0.316433	NA	No
AC004464.1	0.19	0.06	<0.1	NA	0.890756303	NA	0	NA	No
AC090945.1	0.14	0.27	<0.1	NA	1.114035088	NA	0	NA	No
AC124862.1	0.32	0	<0.1	NA	0.757575758	NA	0	NA	No
AC121757.2	0.52	0.75	<0.1	NA	1.151315789	NA	0	NA	No
AL606500.1	1.35	15.97	<0.1	NA	7.221276596	NA	2.94528	NA	No
H3C3	1.65	1.76	<0.1	NA	1.041509434	NA	0	NA	No
AP001066.1	0.17	0.05	<0.1	NA	0.897435897	NA	0	NA	No
AC097382.3	3.03	3.08	<0.1	NA	1.012406948	NA	0	NA	No

AC104024.3	4.43	16.84	<0.1	NA	3.285451197	NA	1.41046	NA	No
AC018695.9	3.35	2.22	<0.1	NA	0.740229885	NA	-0.11928	NA	No
AC108488.3	1.46	2.97	<0.1	NA	1.613821138	NA	0.621175	NA	No
C2orf27A	0.4	0.26	0.67	0.50	0.9	0.898755532	0	0	No
AL138479.2	0.24	0.05	<0.1	NA	0.846774194	NA	0	NA	No
AC112254.1	0.18	0.54	<0.1	NA	1.305084746	NA	0	NA	No
AC104561.4	0.18	0.42	<0.1	NA	1.203389831	NA	0	NA	No
AL512625.3	2.92	1.23	<0.1	NA	0.568877551	NA	-0.341916	NA	No
AC131953.2	0.55	0	<0.1	NA	0.64516129	NA	0	NA	No
AC041005.1	0.15	0.79	<0.1	NA	1.556521739	NA	1.0782	NA	No
AC008119.1	0.11	0.07	<0.1	NA	0.963963964	NA	0	NA	No
AL359962.3	0.39	0.3	<0.1	NA	0.935251799	NA	0	NA	No
AC234917.3	2.92	4.47	<0.1	NA	1.395408163	NA	0.260018	NA	No
AC079848.2	0.48	2	<0.1	NA	2.027027027	NA	1.44051	NA	No
AL592211.2	1.95	2.21	<0.1	NA	1.088135593	NA	0	NA	No
AL732437.2	0.16	0.11	<0.1	NA	0.956896552	NA	0	NA	No
Z73420.2	0.14	0.42	<0.1	NA	1.245614035	NA	0	NA	No
AC073593.2	0.12	0.05	<0.1	NA	0.9375	NA	0	NA	No
AC005400.1	0.12	0	<0.1	NA	0.892857143	NA	0	NA	No
AL009179.1	0.54	2.1	<0.1	NA	2.012987013	NA	1.24638	NA	No
AC007877.1	0.2	0	<0.1	NA	0.833333333	NA	0	NA	No
AC008875.3	5.66	4.99	<0.1	NA	0.899399399	NA	0	NA	No
AC011455.6	1.14	1.14	<0.1	NA	1	NA	0	NA	No
AL031726.2	0.5	0.67	<0.1	NA	1.113333333	NA	0	NA	No
AL133476.1	0.97	0.81	<0.1	NA	0.918781726	NA	0	NA	No
AL670729.3	0.54	0.83	<0.1	NA	1.188311688	NA	0	NA	No
AC138647.2	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
AC106045.1	0.77	4.6	<0.1	NA	3.163841808	NA	0.889986	NA	No
AL139351.3	0.49	0.28	<0.1	NA	0.859060403	NA	0	NA	No
AC005962.2	0.28	0.07	<0.1	NA	0.8359375	NA	0	NA	No
AL132712.2	0.99	1.3	<0.1	NA	1.155778894	NA	0	NA	No
AL590822.3	0.39	0.57	<0.1	NA	1.129496403	NA	0	NA	No
AL596442.3	0.16	0.49	<0.1	NA	1.284482759	NA	0	NA	No
AL121929.3	0.25	0.36	<0.1	NA	1.088	NA	0	NA	No
AL590068.4	0.27	0.16	<0.1	NA	0.913385827	NA	0	NA	No
AC131237.1	0.27	0	<0.1	NA	0.787401575	NA	0	NA	No
AC027601.5	0.81	0.76	<0.1	NA	0.972375691	NA	0	NA	No
AC109133.1	0.33	0.44	<0.1	NA	1.082706767	NA	0	NA	No

AL357558.3	0.17	0.11	<0.1	NA	0.948717949	NA	0	NA	No
AC092803.3	0.9	1.21	<0.1	NA	1.163157895	NA	0	NA	No
AL161663.1	0.99	0.72	<0.1	NA	0.864321608	NA	0	NA	No
AC068580.5	0.25	1.14	<0.1	NA	1.712	NA	0	NA	No
AL356489.4	0.13	2.76	<0.1	NA	3.327433628	NA	2.37222	NA	No
AC092418.2	0.23	0.68	<0.1	NA	1.365853659	NA	0	NA	No
AP001053.1	0.28	0.71	<0.1	NA	1.3359375	NA	0	NA	No
AL109984.1	0.4	4.22	<0.1	NA	3.728571429	NA	1.35377	NA	No
AL133390.1	0.21	0.17	<0.1	NA	0.966942149	NA	0	NA	No
AC005753.3	0.13	0.26	<0.1	NA	1.115044248	NA	0	NA	No
AL121749.2	0.16	0.28	<0.1	NA	1.103448276	NA	0	NA	No
AC022966.2	0.12	0.18	<0.1	NA	1.053571429	NA	0	NA	No
AC092268.2	0.17	0.39	<0.1	NA	1.188034188	NA	0	NA	No
AL109615.4	0.25	0.45	<0.1	NA	1.16	NA	0	NA	No
AL078587.2	0.63	0.26	<0.1	NA	0.773006135	NA	0	NA	No
AL035447.1	0.19	0.46	<0.1	NA	1.226890756	NA	0	NA	No
AC004938.2	0.18	0.74	<0.1	NA	1.474576271	NA	0	NA	No
AL390755.3	0.12	0.06	<0.1	NA	0.946428571	NA	0	NA	No
AC067930.8	0.76	0.84	<0.1	NA	1.045454545	NA	0	NA	No
AL158216.1	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AC097369.2	0.15	0.37	<0.1	NA	1.191304348	NA	0	NA	No
AC122719.3	0.13	0.07	<0.1	NA	0.946902655	NA	0	NA	No
AC022210.1	0.26	1.14	<0.1	NA	1.698412698	NA	0.894272	NA	No
AC093599.2	0.2	0.15	<0.1	NA	0.958333333	NA	0	NA	No
AC080112.4	0.48	0.64	<0.1	NA	1.108108108	NA	0	NA	No
AC023283.1	0.11	0.11	<0.1	NA	1	NA	0	NA	No
AC108479.1	0.26	0.53	<0.1	NA	1.214285714	NA	0	NA	No
AC003086.1	0.23	0	<0.1	NA	0.81300813	NA	0	NA	No
AL031778.1	0.47	0.18	<0.1	NA	0.802721088	NA	0	NA	No
AC062029.1	0.8	1.37	<0.1	NA	1.316666667	NA	0	NA	No
AC011317.1	0.15	0.04	<0.1	NA	0.904347826	NA	0	NA	No
Z99127.3	0.29	0.17	<0.1	NA	0.906976744	NA	0	NA	No
AC115284.4	0.13	0.09	<0.1	NA	0.96460177	NA	0	NA	No
AC008780.1	3.43	7.88	<0.1	NA	2.004514673	NA	0.762728	NA	No
AC067852.5	4.83	2.17	<0.1	NA	0.54373928	NA	-0.308471	NA	No
AC005865.2	0.6	0.38	<0.1	NA	0.8625	NA	0	NA	No
AC061975.8	0.17	0.55	<0.1	NA	1.324786325	NA	0	NA	No
AP003071.5	0.29	1.58	<0.1	NA	2	NA	1.7377	NA	No

AC083862.2	0.36	0.46	<0.1	NA	1.073529412	NA	0	NA	No
AL355075.6	0.31	0.1	<0.1	NA	0.839694656	NA	0	NA	No
AC132872.5	0.39	0.77	<0.1	NA	1.273381295	NA	0.268375	NA	No
AC068282.2	0.12	0.12	<0.1	NA	1	NA	0	NA	No
AL353572.4	3.23	6.06	<0.1	NA	1.669030733	NA	0.264496	NA	No
AC099521.4	0.25	1.11	<0.1	NA	1.688	NA	0.264298	NA	No
AC006130.3	0.23	0.04	<0.1	NA	0.845528455	NA	0	NA	No
AL353748.3	1.75	2.36	<0.1	NA	1.221818182	NA	0.00692726	NA	No
AC006230.1	0.26	0.19	<0.1	NA	0.944444444	NA	0	NA	No
AC018714.2	0.16	0.12	<0.1	NA	0.965517241	NA	0	NA	No
AL359632.1	0.17	0	<0.1	NA	0.854700855	NA	0	NA	No
AC092275.1	1.13	3.9	<0.1	NA	2.300469484	NA	1.03158	NA	No
Z98745.2	0.16	0.05	<0.1	NA	0.905172414	NA	0	NA	No
AL355999.1	0.21	0.53	<0.1	NA	1.26446281	NA	0	NA	No
AC005632.6	0.19	0.03	<0.1	NA	0.865546218	NA	0	NA	No
AL391840.3	0.41	0.71	<0.1	NA	1.212765957	NA	0	NA	No
AC005081.1	0.31	0.36	<0.1	NA	1.038167939	NA	0	NA	No
AL096701.4	0.37	1.1	<0.1	NA	1.532846715	NA	0	NA	No
AC098679.5	0.23	0.22	<0.1	NA	0.991869919	NA	0	NA	No
AL035587.2	1.64	2.04	<0.1	NA	1.151515152	NA	0	NA	No
AL590064.1	1.43	3.09	<0.1	NA	1.683127572	NA	0.308554	NA	No
AL353807.5	2.42	5.13	<0.1	NA	1.792397661	NA	0.549463	NA	No
AP001885.2	0.36	0.48	<0.1	NA	1.088235294	NA	0	NA	No
AL031668.2	0.22	0.91	<0.1	NA	1.56557377	NA	0.186004	NA	No
AC079804.3	0.12	0.12	<0.1	NA	1	NA	0	NA	No
AC099552.5	0.48	1.22	<0.1	NA	1.5	NA	0.202487	NA	No
AC022382.2	0.13	0.25	<0.1	NA	1.10619469	NA	0	NA	No
AC005914.1	0.39	0.56	<0.1	NA	1.122302158	NA	0	NA	No
AL391560.2	0.28	0.51	<0.1	NA	1.1796875	NA	0	NA	No
AC174469.1	0.11	0.11	<0.1	NA	1	NA	0	NA	No
AC127526.5	2.42	2.02	<0.1	NA	0.883040936	NA	0	NA	No
AC104024.4	0.28	1.63	<0.1	NA	2.0546875	NA	0.991241	NA	No
AP000944.7	0.83	2	<0.1	NA	1.639344262	NA	0.474108	NA	No
AL713868.1	1.32	3.3	<0.1	NA	1.853448276	NA	0.39909	NA	No
AL354953.1	0.17	0.06	<0.1	NA	0.905982906	NA	0	NA	No
AC092651.2	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AP001885.3	0.17	0.58	<0.1	NA	1.35042735	NA	0	NA	No
AC020911.3	0.16	0	<0.1	NA	0.862068966	NA	0	NA	No

AL590062.1	1.03	0.24	<0.1	NA	0.610837438	NA	-0.361187	NA	No
AC004882.3	0.28	0.69	<0.1	NA	1.3203125	NA	0	NA	No
AC073648.7	0.13	0	<0.1	NA	0.884955752	NA	0	NA	No
AC245407.2	1.84	0.72	<0.1	NA	0.605633803	NA	0	NA	No
AC073270.2	0.13	0.58	<0.1	NA	1.398230088	NA	0	NA	No
AC092803.4	0.37	0.85	<0.1	NA	1.350364964	NA	0	NA	No
AL353135.2	0.33	0.46	<0.1	NA	1.097744361	NA	0	NA	No
AP003307.1	2.39	3.27	<0.1	NA	1.259587021	NA	0	NA	No
AP003120.1	0.15	0.18	<0.1	NA	1.026086957	NA	0	NA	No
AL096870.10	5.17	2.42	<0.1	NA	0.554294976	NA	-0.0410387	NA	No
AL355338.1	0.7	0.7	<0.1	NA	1	NA	0	NA	No
AP000926.2	0.44	0.37	<0.1	NA	0.951388889	NA	0	NA	No
AL136981.3	0.11	0.22	<0.1	NA	1.099099099	NA	0	NA	No
AC067945.3	0.11	0	<0.1	NA	0.900900901	NA	0	NA	No
AC007881.4	0.19	0.19	<0.1	NA	1	NA	0	NA	No
AC097448.1	0.53	0.36	<0.1	NA	0.888888889	NA	0	NA	No
AC022463.1	0.75	0.68	<0.1	NA	0.96	NA	0	NA	No
AC108519.1	0.14	0.1	<0.1	NA	0.964912281	NA	0	NA	No
AL592295.5	0.14	0.31	<0.1	NA	1.149122807	NA	0	NA	No
AC005618.4	0.25	0.46	<0.1	NA	1.168	NA	0	NA	No
AC109322.2	0.28	0.44	<0.1	NA	1.125	NA	0	NA	No
AC126768.3	0.32	0.52	<0.1	NA	1.151515152	NA	0	NA	No
AC079331.3	0.21	0	<0.1	NA	0.826446281	NA	0	NA	No
BX255925.4	0.26	0.92	<0.1	NA	1.523809524	NA	0	NA	No
AL109627.1	0.94	1.1	<0.1	NA	1.082474227	NA	0	NA	No
AL669830.2	0.15	0.2	<0.1	NA	1.043478261	NA	0	NA	No
AP000942.5	0.43	0.17	<0.1	NA	0.818181818	NA	0	NA	No
AP001931.2	0.24	0.68	<0.1	NA	1.35483871	NA	0.78705	NA	No
AP002985.1	0.12	0.37	<0.1	NA	1.223214286	NA	0	NA	No
AL035409.2	0.54	0.86	<0.1	NA	1.207792208	NA	0	NA	No
AF222685.1	0.14	0.16	<0.1	NA	1.01754386	NA	0	NA	No
US4L-BCAP2	0.12	0.07	<0.1	NA	0.955357143	NA	0	NA	No
AC016394.2	0.34	1.63	<0.1	NA	1.962686567	NA	0.240207	NA	No
AL357079.3	0.48	1.82	<0.1	NA	1.905405405	NA	0.0159878	NA	No
AL357874.3	0.25	0.53	<0.1	NA	1.224	NA	0	NA	No
C8orf44	1.87	2.04	1.61	2.13	1.059233449	1.200227384	0	0.0390109	No
NPBWR1	0.44	1.76	0.26	0.05	1.916666667	0.834567875	1.36294	0	No
AL133351.4	1.17	2.13	<0.1	NA	1.442396313	NA	0.119211	NA	No

<i>AC133555.6</i>	0.58	0.86	<0.1	NA	1.17721519	NA	0	NA	No