hgnc_symb	baseMean	log2FoldCh	lfcSE	stat	pvalue	padj
SCYL3	224.1094	0.296571	0.208426	1.422911	0.154762	0.300109
C1orf112	340.09	-0.05267	0.2687	-0.19603	0.844589	0.907349
FGR	0.192403	0.975392	4.060716	0.240202	0.810174	NA
CFH	54.40414	-0.31781	0.475938	-0.66776	0.50429	0.653944
STPG1	662.8721	-0.28641	0.163665	-1.74996	0.080125	0.191663
NIPAL3	3455.799	-0.17816	0.163925	-1.08684	0.277106	0.443033
AK2	4613.099	0.026088	0.129094	0.202086	0.83985	0.9048
KDM1A	1777.252	0.040052	0.151809	0.263832	0.791909	0.87396
ZNF195	186.6874	0.728132	0.22437	3.245229	0.001174	0.011498
ABCC8	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
TMEM132A	1697.149	-0.30891	0.211333	-1.4617	0.143824	0.285467
ST7L	554.4035	-0.10197	0.163579	-0.62335	0.533058	0.677164
PAX6	13.66367	0.773468	0.56264	1.374713	0.169221	NA
DNAJC11	1467.713	-0.37808	0.143247	-2.63933	0.008307	0.04157
FMO3	0.326536	0.037056	3.842554	0.009644	0.992306	NA
E2F2	77.92322	-0.4278	0.417172	-1.02547	0.305139	0.472372
CAMK1G	4.321587	-0.93415	1.004304	-0.93015	0.352295	NA
CDK11A	47.94832	0.269555	0.312111	0.863652	0.387779	0.553708
NADK	2883.235	-0.1923	0.132937	-1.44658	0.148016	0.291096
CSDE1	12047.16	0.378952	0.170456	2.223158	0.026205	0.090873
MASP2	14.17974	0.63773	0.591921	1.077391	0.281306	NA
FAM76A	215.0253	-0.15573	0.204802	-0.76041	0.44701	0.606718
TRAF3IP3	39.61909	-0.03943	0.358046	-0.11013	0.912307	NA
SPRTN	400.3169	0.450794	0.162236	2.778633	0.005459	0.031461
METTL13	1851.873	-0.21536	0.142064	-1.51593	0.129538	0.266009
SCMH1	1245.091	-0.46551	0.1894	-2.45782	0.013978	0.05912
FMO1	1.557745	-0.52689	1.57873	-0.33375	0.738572	NA
TCEB3	2088.541	-0.02498	0.127722	-0.19558	0.844942	0.907647
LYPLA2	2793.234	-0.09877	0.14562	-0.67827	0.497602	0.648606
CLCN6	654.699	-0.16359	0.172828	-0.94653	0.343878	0.512081
SYT7	1.965572	-1.24964	1.632783	-0.76534	0.444067	NA
PIK3C2A	1168.437	0.995101	0.271979	3.65874	2.53E-04	0.004485
CD6	4.779577	-0.62493	1.242658	-0.5029	0.615037	NA
MTMR11	183.345	-0.23962	0.321637	-0.745	0.456274	0.614817
COX15	1441.797	-0.38662	0.136744	-2.82734	0.004694	0.028303
ZMYND11	814.2462	0.584353	0.221495	2.638218	0.008334	0.041654
CLCA1	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA
ATP1A2	0.593018	-0.10389	3.151334	-0.03297	0.973702	NA
PRDM11	100.1727	-0.6384	0.260548	-2.45022	0.014277	0.060039
SYT13	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZRANB1	878.1605	0.203755	0.168528	1.209027	0.226653	0.388178
NCDN	2430.419	-0.34376	0.162625	-2.11382	0.034531	0.108908
RUNX3	3496.193	-0.20914	0.196328	-1.06527	0.286755	0.453083
OSBPL5	908.2823	-0.49119	0.156566	-3.13729	0.001705	0.014606
ZDHHC6	701.0937	0.484317	0.152595	3.173874	0.001504	0.013592
RNH1	7172.302	-0.25439	0.12876	-1.97567	0.048193	0.135481

GLRX2	477.1498	0.615823	0.176029	3.498412	4.68E-04	0.006535
ABCC2	2839.359	-0.1978	0.196831	-1.00493	0.314933	0.482368
PLEKHO1	959.474	0.338251	0.222719	1.518737	0.128829	0.265134
GCLM	688.7395	0.648968	0.217749	2.980351	0.002879	0.020562
DEPDC1	327.5054	0.806586	0.173237	4.65597	3.22E-06	3.27E-04
NR1H3	357.005	0.034052	0.190786	0.178481	0.858345	0.91615
KPNA6	2222.17	-0.3888	0.15266	-2.54686	0.01087	0.049677
VIM	93043.95	-0.49073	0.140081	-3.50321	4.60E-04	0.006449
FAS	255.552	0.394722	0.222529	1.773802	0.076096	0.184822
CD44	25786.22	-0.3061	0.1156	-2.64795	0.008098	0.040922
SLAMF7	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
INSRR	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SH2D2A	2.000058	1.08437	1.455747	0.744889	0.456339	NA
TNFRSF1B	2.573727	1.598062	1.375703	1.161633	0.245385	NA
NUP160	1136.715	-0.00832	0.143872	-0.05786	0.953862	0.974786
SARS	4565.998	-0.09837	0.131979	-0.74533	0.456075	0.614797
LRRC7	48.25972	1.114472	0.456518	2.441245	0.014637	0.060862
MYOC	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
VCL	4816.629	-0.23763	0.164616	-1.44355	0.148866	0.292187
ADSS	1134.43	0.491205	0.165861	2.961541	0.003061	0.021524
ZZZ3	800.4392	0.593776	0.236126	2.514664	0.011915	0.053101
FBXO42	713.7234	-0.23557	0.140342	-1.67856	0.093237	0.213137
PQLC2	916.7455	-0.19091	0.144782	-1.31862	0.187296	0.341474
THAP3	495.2832	-0.15492	0.184352	-0.84036	0.400705	0.565475
AIFM2	1841.104	-0.12457	0.159004	-0.78345	0.433363	0.594551
USH2A	457.3924	-0.35188	0.175952	-1.99987	0.045515	0.13062
TRIT1	274.5782	0.09941	0.206823	0.480651	0.630765	0.753088
ADRB1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
WDR37	1064.755	-0.17216	0.128344	-1.34141	0.179788	0.332292
TPR	947.0658	0.888011	1.011703	0.877739	0.380086	0.546414
VPS13D	1662.131	-0.23389	0.146326	-1.59839	0.109957	0.237569
CELF2	4895.198	-0.24309	0.21502	-1.13056	0.258241	0.422501
COL9A2	19.46962	0.242193	0.479963	0.504607	0.613835	NA
H6PD	1164.825	-0.88906	0.175159	-5.07575	3.86E-07	8.53E-05
VAMP3	5593.588	-0.03889	0.136659	-0.28458	0.77597	0.861664
PER3	326.8472	-0.20288	0.194285	-1.04424	0.296376	0.463649
UTS2	2.736105	1.342371	1.508106	0.890103	0.37341	NA
TNFRSF9	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RCN1	1341.067	0.307054	0.140398	2.187024	0.028741	0.096331
DKK3	16464.73	0.021394	0.188654	0.113403	0.909711	0.947766
PTGER3	1.103647	3.314505	2.124646	1.560027	0.118754	NA
FAM160A2	473.0779	-0.20485	0.162332	-1.2619	0.206985	0.36412
SIKE1	348.5181	0.577042	0.2429	2.375635	0.017519	0.069159
RRP12	819.0614	-0.46504	0.17657	-2.63373	0.008445	0.042031
TTC17	1060.527	0.259267	0.155488	1.667447	0.095426	0.216181
ALX4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
AKR7A2	1941.63	-0.4203	0.1579	-2.66181	0.007772	0.039835

MRTO4	1313.935	-0.00755	0.206454	-0.03655	0.970842	0.983955
KCNQ1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TRAPPC3	2304.898	0.008508	0.145913	0.058311	0.953501	0.974629
THRAP3	3476.593	0.022346	0.166376	0.134311	0.893157	0.937439
ARID4B	314.0267	0.924091	0.807418	1.144501	0.252416	0.416477
OPN3	270.9776	0.303414	0.210233	1.443226	0.148957	0.292317
SDCCAG8	408.9498	0.695122	0.191736	3.625419	2.88E-04	0.00481
HHAT	470.8397	0.004093	0.175854	0.023276	0.98143	0.990173
KIF1B	1527.158	-0.1194	0.186147	-0.6414	0.521261	0.668146
SZRD1	6369.397	-0.27431	0.171194	-1.60236	0.109077	0.236227
MCOLN3	1058.49	0.645846	0.209111	3.088538	0.002011	0.016255
MRPL43	1829.402	-0.07785	0.123007	-0.63286	0.526826	0.672284
SOAT1	4455.221	0.034626	0.171734	0.201624	0.840211	0.905024
MSH4	1.063143	1.12382	1.855095	0.605802	0.544646	NA
GDI2	7412.943	0.066329	0.141354	0.469242	0.638897	0.759385
PITHD1	1632.523	-0.18812	0.147275	-1.27737	0.201472	0.357821
LAMC2	4.333408	0.145177	1.059986	0.136962	0.891061	NA
CROCC	586.656	-0.32207	0.262729	-1.22586	0.220251	0.379959
ATP2B4	3513.382	-0.29085	0.165205	-1.76054	0.078316	0.188553
ZC3H11A	1870.844	0.542153	0.20725	2.615945	0.008898	0.043752
YIPF1	1203.779	-0.13526	0.148804	-0.90898	0.363362	0.53062
NDC1	720.7316	0.11093	0.178956	0.619875	0.53534	0.678475
ALDH18A1	2538.639	-0.48984	0.124173	-3.9448	7.99E-05	0.002212
TARBP1	696.1703	0.096819	0.193465	0.500448	0.61676	0.742224
PSD	53.09778	-0.33775	0.367055	-0.92017	0.357484	0.525021
CCAR1	656.3063	0.963097	0.836269	1.151659	0.249461	0.413328
PIGV	546.0879	-0.38697	0.156097	-2.47904	0.013174	0.056978
PTPRU	1997.059	-0.36618	0.199006	-1.84003	0.065764	0.167212
SNRNP40	974.2023	-0.10176	0.184352	-0.55198	0.580965	0.714677
COL11A1	2257.632	0.596693	0.542748	1.099392	0.271597	0.436818
QSER1	598.0205	-0.0475	0.331235	-0.1434	0.885978	0.932547
WAPAL	1012.368	0.599436	0.207549	2.888161	0.003875	0.024953
TSPAN32	2.976098	-1.89976	1.351807	-1.40535	0.159918	NA
DDX20	707.1869	0.127934	0.166936	0.766366	0.443458	0.603336
CHI3L2	3.319069	-1.01124	1.210886	-0.83513	0.403646	NA
GNAI3	1712.356	0.349094	0.171195	2.039155	0.041435	0.123384
OAT	6278.789	0.364821	0.161073	2.264938	0.023516	0.084459
WDR3	1423.294	0.110149	0.124192	0.886928	0.375118	0.541491
PKN2	747.526	0.788338	0.31041	2.539664	0.011096	0.050462
MCM10	152.2167	0.105206	0.298927	0.351946	0.724879	0.82527
SPEN	1106.019	-0.18268	0.254605	-0.71752	0.473053	0.628776
TMEM206	855.7561	0.146665	0.15306	0.958224	0.33795	0.506818
SLK	943.6148	0.741753	0.89564	0.828183	0.407567	0.571292
COL17A1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GSTO2	96.34809	-0.11078	0.262788	-0.42156	0.673345	0.786221
SEC61A2	220.2919	0.05751	0.219541	0.261956	0.793355	0.874742
PRKCQ	0.83597	1.639551	2.453777	0.668175	0.504022	NA

FAM107B	368.8103	0.814626	0.197164	4.131714	3.60E-05	0.001362
YBX1	25103.54	0.112837	0.149106	0.756757	0.449196	0.60872
PPP2R5A	1397.329	0.137218	0.152141	0.901917	0.367101	0.534248
TIE1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
KDM4A	1436.943	-0.43176	0.15399	-2.80382	0.00505	0.029845
NFYC	1139.06	-0.2872	0.133708	-2.14795	0.031718	0.103187
ZMYND12	102.8834	-0.19662	0.229375	-0.85721	0.391331	0.556629
ASPM	453.4251	0.93395	0.695307	1.343219	0.179201	0.331683
CD84	0.747876	-0.62091	2.562446	-0.24231	0.80854	NA
ELOVL1	3658.18	-0.18013	0.157585	-1.14304	0.253023	0.417247
SPI1	1.943774	-0.14746	1.446255	-0.10196	0.918789	NA
MPPED2	223.4521	-0.38492	0.218127	-1.76464	0.077625	0.187485
FGFR2	0.654449	1.296029	2.63083	0.492631	0.622273	NA
LRRC40	334.3283	0.848453	0.255741	3.317629	9.08E-04	0.009758
PFKP	8621.362	-0.22981	0.150517	-1.52679	0.126812	0.26232
IDI1	3672.963	0.9749	0.226845	4.297644	1.73E-05	8.54E-04
KLF6	5334.111	0.220934	0.152049	1.453052	0.146209	0.288741
EVI5	649.1135	0.855278	0.332242	2.574266	0.010045	0.047332
DNTTIP2	676.3698	1.118141	0.309529	3.612393	3.03E-04	0.004988
RRP15	393.6701	0.639324	0.244946	2.610064	0.009053	0.044218
PRKCZ	160.6338	0.347401	0.298681	1.163116	0.244782	0.40757
IARS2	3602.44	0.217362	0.135393	1.605413	0.108403	0.235264
INPP5A	809.6296	0.009972	0.172802	0.057705	0.953983	0.974786
NUP133	1157.12	0.036235	0.154234	0.234936	0.814258	0.889353
NUCKS1	3620.936	0.25145	0.173951	1.445519	0.148312	0.291534
KCNAB2	19150.65	-0.60118	0.189136	-3.17854	0.00148	0.013453
DRD4	1.208159	0.798263	2.146876	0.371826	0.710023	NA
TGFBR3	664.1667	0.054336	0.224951	0.241548	0.809131	0.885851
KIAA1107	25.91016	0.49203	0.504162	0.975936	0.329096	NA
HES2	8.939077	-0.10394	0.683563	-0.15205	0.879148	NA
SCT	0.796689	-1.1728	2.541471	-0.46147	0.644464	NA
PHRF1	1605.969	-0.48244	0.153683	-3.13921	0.001694	0.014563
NUCB2	501.5252	1.130565	0.29258	3.864122	1.11E-04	0.002754
TESK2	800.7611	-0.23612	0.254203	-0.92885	0.352968	0.521035
EIF2B3	790.5521	0.033199	0.14014	0.236898	0.812736	0.888591
CDC42	4393.853	-0.08167	0.145281	-0.56218	0.573997	0.709491
EPHA8	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
TRPM5	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
MS4A12	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
UBE2D1	393.2383	0.468807	0.207081	2.263888	0.023581	0.084611
RHOBTB1	906.8142	-0.20296	0.207583	-0.97771	0.328216	0.496427
ASAH2C	0.575812	0.936922	2.776634	0.337431	0.735792	NA
FCGR2B	55.72714	0.043171	0.394984	0.109298	0.912966	0.94937
MRVI1	1.961428	-1.1534	1.481335	-0.77862	0.436202	NA
CD5L	0.652666	2.537288	2.975981	0.852589	0.393887	NA
PTGS2	292.9033	1.823113	0.766808	2.377535	0.017429	0.069026
TSG101	2135.459	0.064754	0.14507	0.446363	0.655335	0.772419

ENO1	35010.51	-0.22869	0.124924	-1.83065	0.067153	0.169494
ARHGEF10l	1662.029	-0.27138	0.15941	-1.70239	0.088683	0.205499
TACR2	41.02514	-0.28491	0.385221	-0.7396	0.459543	NA
EIF4G3	2068.28	0.30423	0.205524	1.480264	0.138803	0.278663
WNT8B	0.424115	1.932531	3.45462	0.559405	0.575885	NA
RASAL2	484.6036	-0.09067	0.205175	-0.44191	0.658553	0.77483
ZNF37A	334.1565	0.847096	0.403166	2.10111	0.035631	0.111248
SEC31B	42.4341	0.459703	0.364126	1.262482	0.206775	NA
PAX2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
KIFAP3	978.538	0.410856	0.165894	2.476619	0.013263	0.057239
FMO4	105.1657	-0.19638	0.261835	-0.75	0.453255	0.61221
KLHL20	625.8116	0.397718	0.191218	2.079922	0.037533	0.115123
PLXNA2	128.4201	-0.3063	0.259306	-1.18123	0.23751	0.400358
NT5C2	1116.564	0.039242	0.130041	0.301767	0.76283	0.852664
RAP1GAP	2225.06	-0.09315	0.146621	-0.63533	0.525215	0.670944
TM9SF3	3436.769	0.318528	0.17283	1.843011	0.065327	0.166729
NFKB2	1642.585	-0.45035	0.15318	-2.93998	0.003282	0.022409
UBE2T	533.606	0.158202	0.179063	0.883501	0.376966	0.543599
PPP1R12B	494.5571	-0.09806	0.156366	-0.62714	0.530571	0.675246
USP33	1156.483	0.725096	0.238686	3.037866	0.002383	0.018106
SPAG6	1.306087	0.163842	1.952563	0.083911	0.933127	NA
APBB1IP	0.260158	1.240347	4.047124	0.306476	0.759242	NA
ACTN2	6.70751	0.621525	0.844327	0.736118	0.461659	NA
CAPZB	7371.348	-0.15647	0.116962	-1.33778	0.180968	0.333581
GPR137B	5863.595	-0.12399	0.13931	-0.89001	0.373461	0.539792
ITGA8	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NEBL	0.654449	1.296029	2.63083	0.492631	0.622273	NA
GNB1	17847.98	-0.19198	0.118325	-1.62251	0.104695	0.2301
MLLT10	847.0715	0.442388	0.152976	2.891875	0.00383	0.024734
NRD1	2582.849	0.338769	0.143102	2.367328	0.017917	0.070101
SDF4	8580.918	-0.16442	0.135798	-1.21078	0.225982	0.387196
TP73	4.356263	1.077093	0.988108	1.090056	0.275688	NA
TOLLIP	5312.586	-0.43938	0.131314	-3.34602	8.20E-04	0.009177
MKNK1	632.0065	-0.03725	0.144279	-0.25818	0.796265	0.87685
SAR1A	3237.646	0.025863	0.156179	0.165601	0.868471	0.921978
CDC14A	130.9005	0.559694	0.251355	2.226707	0.025967	0.090324
PGM1	3202.355	-0.22494	0.221807	-1.01414	0.310515	0.47801
CROCCP3	35.38335	0.26145	0.506027	0.516672	0.605385	NA
RSBN1	320.9092	0.287107	0.193223	1.48588	0.137311	0.276526
MAGI3	184.5694	0.463285	0.27581	1.67973	0.09301	0.212781
PKP1	48.9226	-1.90187	0.403051	-4.71868	2.37E-06	2.68E-04
JMJD4	224.7279	-0.16271	0.180026	-0.9038	0.366103	0.533342
DUSP12	377.5518	0.034161	0.212807	0.160526	0.872467	0.924068
HSPB11	450.922	0.603552	0.166302	3.629246	2.84E-04	0.004766
IL12RB2	1068.395	-0.20833	0.244297	-0.85277	0.393786	0.558547
KCNK2	18.05907	-1.56756	0.660287	-2.37405	0.017594	NA
SERTAD4	455.6898	1.183559	0.382655	3.09302	0.001981	0.016077

TRAF5	250.606	0.361221	0.211697	1.70631	0.08795	0.204161
PLOD1	7737.079	-0.3603	0.148458	-2.42694	0.015227	0.062744
SMAP2	1358.956	-0.41913	0.13393	-3.12946	0.001751	0.014833
PPIE	1044.924	-0.02229	0.157114	-0.14187	0.887186	0.933443
ZMPSTE24	1848.631	0.270949	0.15604	1.736413	0.082491	0.195273
EIF3I	6674.858	-0.09626	0.133935	-0.71868	0.472337	0.628176
NKAIN1	3.935479	-0.24649	1.124792	-0.21914	0.826537	NA
COL16A1	565.8076	0.448116	0.254587	1.760168	0.078379	0.188591
TXLNA	3271.87	-0.52811	0.145704	-3.62454	2.89E-04	0.004811
CD59	28677.82	-0.02194	0.134494	-0.16312	0.870424	0.923107
CD82	1756.8	-0.73499	0.210811	-3.48649	4.89E-04	0.0067
WDR47	924.7529	0.291531	0.146632	1.988177	0.046792	0.133122
OVGP1	13.7793	0.381369	0.57305	0.665508	0.505726	NA
SLC25A24	1008.879	0.630747	0.207321	3.042364	0.002347	0.017941
IGSF9	0.476449	0.524262	3.402674	0.154073	0.877552	NA
TTC39A	9.225306	-0.96156	0.677468	-1.41935	0.155798	NA
EPS15	3582.223	-0.25509	0.19748	-1.29173	0.19645	0.351906
ORC1	172.6997	-0.19423	0.230349	-0.8432	0.399116	0.563814
POMGNT1	6815.678	-0.26643	0.1236	-2.15559	0.031116	0.101631
RAD54L	152.7992	-0.17797	0.276955	-0.64258	0.520494	0.667581
MAST2	2273.184	-0.3698	0.158971	-2.32624	0.020006	0.075797
FOLH1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SEPHS1	1099.379	-0.0651	0.155978	-0.41734	0.676427	0.788478
ERO1LB	198.2328	0.974725	0.230449	4.229671	2.34E-05	0.001011
ALG6	427.1553	-0.07563	0.214248	-0.35301	0.72408	0.824799
ASAP3	319.2639	-0.2766	0.172741	-1.60124	0.109325	0.236504
GANAB	11806.65	-0.58978	0.144425	-4.08364	4.43E-05	0.001546
DHX32	1021.155	-0.01856	0.158191	-0.11733	0.906601	0.945876
SLC9A1	1186.074	-0.79356	0.159772	-4.96681	6.81E-07	1.26E-04
RGS1	39.77479	1.253734	0.36076	3.475255	5.10E-04	NA
NUDC	3187.382	-0.18533	0.153999	-1.20348	0.228791	0.390543
MUL1	1487.693	-0.30461	0.132337	-2.30181	0.021346	0.079153
PABPC4	3521.088	-0.39356	0.139263	-2.82603	0.004713	0.028375
USP48	1962.807	0.217472	0.220651	0.985593	0.324333	0.492439
FH	2570.868	0.062607	0.130739	0.478868	0.632033	0.754253
SLC17A6	7.515663	1.277133	0.806202	1.584135	0.113163	NA
TBX15	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PHGDH	1767.614	-0.60728	0.145051	-4.18669	2.83E-05	0.001145
AGO1	1531.536	-0.38434	0.194135	-1.97974	0.047733	0.134702
TEKT2	0.49029	2.123092	3.304282	0.642527	0.520531	NA
CLSPN	131.4361	0.615424	0.313644	1.962173	0.049742	0.138006
TGFB2	88.82036	0.151971	0.25755	0.590064	0.555147	0.695073
GPATCH2	215.7629	0.800599	0.229451	3.489189	4.84E-04	0.006671
FMO2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SUCO	535.6015	0.577003	0.241898	2.385312	0.017065	0.067932
PDE6C	1.148462	1.182044	1.944788	0.607801	0.54332	NA
CWF19L1	525.8632	-0.20481	0.173133	-1.18294	0.236833	0.399729

SEMA4G	181.645	-0.24722	0.203518	-1.21474	0.224467	0.385493
BTAF1	823.0324	0.456537	0.175244	2.605156	0.009183	0.044545
IKZF5	358.7583	0.380481	0.178413	2.132584	0.032959	0.105731
BLNK	0.883146	1.112834	2.554178	0.435692	0.663061	NA
TLL2	3.30337	0.168173	1.070454	0.157105	0.875162	NA
CYP26A1	2.243002	0.506383	1.305121	0.387997	0.698018	NA
SORBS1	3317.642	-0.01534	0.152706	-0.10047	0.919971	0.953678
CRTAC1	17.30241	-0.50909	0.513878	-0.99069	0.321837	NA
BAMBI	3560.307	-0.0449	0.143384	-0.31314	0.754175	0.846661
WAC	2483.109	0.329821	0.143192	2.303354	0.021259	0.078903
CREM	1315.477	0.499129	0.182886	2.729177	0.006349	0.034646
SIRT1	382.1952	0.467826	0.197125	2.373248	0.017632	0.069469
HNRNPH3	1739.952	0.289981	0.143321	2.0233	0.043042	0.126367
ACOT7	6830.851	-0.20819	0.125845	-1.65434	0.098059	0.220378
SH3GLB1	2595.973	0.454865	0.158424	2.87119	0.004089	0.025773
CDC7	229.1692	0.737148	0.213396	3.454373	5.52E-04	0.007178
SYDE2	124.8628	1.044066	0.247771	4.213833	2.51E-05	0.001062
SCD	27200.89	-0.44697	0.223126	-2.0032	0.045156	0.129997
ABLIM1	978.2745	-0.17161	0.220875	-0.77695	0.437186	0.597569
RAB18	1829.451	0.799337	0.209547	3.814596	1.36E-04	0.003063
NRP1	51.71731	0.290298	0.429641	0.675676	0.499246	0.649678
HSD17B7P2	52.8471	0.886924	0.314877	2.816733	0.004851	0.028931
PRTFDC1	1.44374	-0.31701	1.683753	-0.18828	0.85066	NA
PALMD	156.7238	-0.05318	0.393395	-0.13519	0.892462	0.936854
TSPAN15	841.4023	0.032497	0.196648	0.165255	0.868743	0.922011
H2AFY2	188.5543	-0.75843	0.27893	-2.71908	0.006546	0.035454
FAM21A	207.7782	0.104592	0.194505	0.537738	0.590758	0.722451
CDHR5	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RASSF7	316.8127	0.397604	0.260043	1.528992	0.126266	0.261419
NHP2P1	2.164161	0.754144	1.383147	0.545238	0.58559	NA
DVL1	3109.219	-0.16786	0.177664	-0.94479	0.344764	0.512821
PDLIM1	2204.781	0.177175	0.212649	0.833179	0.404744	0.569118
CCNJ	169.8347	0.52343	0.234467	2.232425	0.025587	0.089457
GATA3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ATRNL1	373.7921	0.049801	0.21419	0.232509	0.816143	0.889858
HPS1	7484.871	-0.34497	0.124317	-2.77493	0.005521	0.031724
PHYH	822.9825	0.009274	0.151209	0.061334	0.951094	0.973008
RASSF4	351.0376	0.255179	0.236037	1.081096	0.279654	0.445605
DNMBP	476.2675	-0.47626	0.17704	-2.6901	0.007143	0.037636
RAB11FIP2	707.3659	0.972479	0.211975	4.58771	4.48E-06	3.99E-04
CXCL12	179.0207	0.919531	0.306232	3.002728	0.002676	0.019678
ERLIN1	1467.251	-0.14601	0.13999	-1.04297	0.296962	0.464076
EIF3A	6174.16	0.460851	0.291465	1.581153	0.113843	0.242954
PKD2L1	0.410275	0.244283	3.100889	0.078778	0.937209	NA
CUBN	674.72	-0.3787	0.214078	-1.76897	0.076899	0.186314
TRDMT1	175.8205	0.552311	0.281381	1.962857	0.049663	0.137946
GDF10	0.163957	0.424913	4.079006	0.104171	0.917034	NA

DDX50	807.9426	0.5712	0.19429	2.939932	0.003283	0.022409
MAPK8	347.1366	0.56709	0.200743	2.824955	0.004729	0.028456
SEC23IP	1173.948	0.204573	0.171899	1.190079	0.234015	0.396549
ATE1	906.0239	0.511026	0.196304	2.603241	0.009235	0.044695
NSMCE4A	428.1949	0.3227	0.200452	1.609864	0.107427	0.233913
PLEKHA1	806.0882	0.677838	0.183908	3.685742	2.28E-04	0.004196
PALD1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
UNC5B	5.034543	0.913357	0.958711	0.952692	0.340746	NA
CDH23	1.06329	0.285492	1.942399	0.146979	0.883149	NA
C10orf54	65.82138	0.013441	0.609006	0.02207	0.982392	0.990412
SPOCK2	8.398473	0.469623	0.724367	0.648323	0.516776	NA
MICU1	1865.723	-0.19468	0.135595	-1.43574	0.151076	0.295011
PPP3CB	1286.488	0.05713	0.138256	0.413217	0.679448	0.790858
CCSER2	1284.089	0.614252	0.161355	3.806846	1.41E-04	0.003125
BMPR1A	440.4059	0.389566	0.192961	2.018887	0.043499	0.127074
MINPP1	644.2536	0.050085	0.153325	0.326659	0.743926	0.83881
ACTA2	414.6836	-0.56257	0.208636	-2.6964	0.007009	0.037173
LIPA	13133.16	0.162244	0.200125	0.810711	0.417532	0.580424
C10orf2	760.5592	-0.08998	0.180572	-0.49828	0.618284	0.743157
LZTS2	3597.062	-0.27071	0.141838	-1.90859	0.056315	0.150161
SFXN3	4405.225	-0.32502	0.145381	-2.23567	0.025374	0.088919
KAZALD1	29.28855	0.31259	0.425432	0.73476	0.462486	NA
FBXW4	947.2473	-0.23383	0.154387	-1.51455	0.129887	0.266173
FGF8	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
NPM3	608.6067	-0.11059	0.172492	-0.64113	0.521441	0.668146
TNKS2	2518.445	0.359836	0.149588	2.405515	0.01615	0.06541
GBF1	2955.541	-0.61194	0.154906	-3.95041	7.80E-05	0.002183
ARHGAP21	1471.884	0.319351	0.198762	1.606702	0.10812	0.234927
CPEB3	47.72626	0.317118	0.38484	0.824026	0.409925	0.573435
FBXL15	701.0305	-0.0354	0.161563	-0.21912	0.826553	0.895602
CUEDC2	3069.116	-0.14953	0.141101	-1.05974	0.289264	0.45559
SUFU	1130.692	-0.62405	0.146995	-4.24538	2.18E-05	9.62E-04
ANKRD26	121.8596	0.859332	1.040276	0.826062	0.408769	0.572402
ACBD5	1180.831	0.68013	0.194595	3.495115	4.74E-04	0.006586
LHPP	346.7926	-0.42867	0.18394	-2.3305	0.01978	0.075109
LARP4B	1177.14	-0.03263	0.141035	-0.23138	0.817018	0.890316
GTPBP4	1375.891	0.374527	0.150927	2.481515	0.013083	0.056665
EDRF1	267.5266	0.569364	0.21186	2.687455	0.0072	0.037853
BCCIP	668.9777	0.822198	0.23963	3.431112	6.01E-04	0.007597
MTPAP	383.953	0.247926	0.193413	1.28185	0.199895	0.355943
NEURL1	13.42221	0.348106	0.624819	0.557131	0.577438	NA
SH3PXD2A	8256.065	-0.08512	0.167527	-0.50809	0.611393	0.738281
PITRM1	3808.509	-0.31761	0.127786	-2.48551	0.012937	0.05628
OBFC1	350.4743	0.033544	0.163051	0.205726	0.837005	0.902391
MAP3K8	34.09989	0.223912	0.388563	0.576256	0.564442	NA
DKK1	1400.923	0.60809	0.262383	2.317564	0.020473	0.076899
EBF3	0.533728	-1.74213	2.820432	-0.61768	0.536785	NA

GLRX3	1433.535	0.37059	0.164864	2.247851	0.024586	0.086816
SORCS1	673.1237	-0.14342	0.168437	-0.8515	0.39449	0.559233
FAM208B	1347.316	0.176542	0.221166	0.798233	0.424735	0.58672
XPNPEP1	3365.562	-0.29575	0.12975	-2.2794	0.022643	0.082217
SMC3	595.2298	0.877652	0.796439	1.10197	0.270475	0.435443
SHOC2	951.815	0.690924	0.205125	3.36831	7.56E-04	0.008794
TFAM	525.7189	0.628269	0.213776	2.938914	0.003294	0.02243
CCDC6	931.3244	-0.11413	0.14941	-0.76384	0.444965	0.60481
CUL2	969.1345	0.665963	0.234398	2.841165	0.004495	0.027439
CCNY	1424.963	-0.2196	0.152824	-1.43694	0.150734	0.294487
ZMIZ1	2218.713	-0.77725	0.256109	-3.03482	0.002407	0.018243
DNAJC12	44.57201	0.1372	0.379698	0.361338	0.717847	NA
PPIF	2469.933	-0.39856	0.156612	-2.54488	0.010931	0.049887
PBLD	109.7464	0.129801	0.277892	0.467091	0.640435	0.760529
TSPAN14	3792.086	-0.34808	0.126879	-2.74341	0.006081	0.033748
TBC1D12	374.7939	0.406609	0.168622	2.411367	0.015893	0.064533
HTATIP2	2462.177	0.164757	0.169842	0.970062	0.332016	0.500515
CCDC34	189.7136	0.822355	0.361257	2.27637	0.022824	0.08267
ELP4	260.3942	0.105867	0.173076	0.611679	0.54075	0.682777
MTCH2	4012.604	-0.18117	0.125696	-1.44133	0.149491	0.293079
FNBP4	752.2973	0.76816	0.156459	4.909654	9.12E-07	1.53E-04
P2RX3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LPXN	595.4468	-0.22619	0.178756	-1.26535	0.205748	0.362805
DTX4	742.402	-0.95424	0.214044	-4.45817	8.27E-06	5.54E-04
OSBP	2082.682	-0.28276	0.135327	-2.08946	0.036666	0.113473
MS4A6A	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CCDC86	1135.239	-0.14183	0.208588	-0.67996	0.49653	0.647636
PRPF19	2795.056	-0.25108	0.130541	-1.92335	0.054436	0.146868
TMEM109	4520.339	-0.28344	0.158871	-1.78409	0.074409	0.182182
HPX	2.849643	0.101521	1.201689	0.084482	0.932674	NA
TRIM3	969.3124	-0.23964	0.15598	-1.53638	0.124446	0.259008
RNF141	946.641	0.40992	0.183937	2.228596	0.025841	0.09006
EIF4G2	19739.75	0.089828	0.147924	0.607262	0.543677	0.685451
GALNT18	862.0482	-0.63846	0.168193	-3.79599	1.47E-04	0.003187
HIPK3	1252.228	0.462612	0.200151	2.311312	0.020816	0.077845
KIAA1549L	1003.856	-0.67918	0.199684	-3.40126	6.71E-04	0.008081
FBXO3	762.7446	0.49778	0.166725	2.985634	0.00283	0.020359
PDHX	503.5474	0.292474	0.160621	1.820892	0.068623	0.172248
SLC1A2	0.452561	2.061505	3.349456	0.615474	0.538241	NA
COMMD9	1448.644	-0.23036	0.128869	-1.78754	0.073851	0.181188
SLC15A3	76.30038	-0.51531	0.436147	-1.1815	0.237402	0.400285
CD5	0.846649	2.927909	2.364097	1.23849	0.215535	NA
ACCS	167.2434	0.245633	0.272881	0.900148	0.368042	0.535223
MDK	123.9906	-0.69394	0.361064	-1.92194	0.054614	0.147199
AMBRA1	2171.104	-0.43477	0.208727	-2.08295	0.037256	0.11457
MADD	2451.508	-0.41313	0.191238	-2.1603	0.030749	0.100783
PTPMT1	246.5957	-0.1533	0.197554	-0.77599	0.437754	0.597921

CARS	1111.167	0.052927	0.135023	0.391986	0.695068	0.803279
SLC22A18	1385.581	-0.5344	0.190759	-2.80146	0.005087	0.029945
CD81	29879.99	-0.16079	0.172071	-0.93445	0.35007	0.518113
CALCA	0.288605	1.443619	4.029058	0.358302	0.720117	NA
SOX6	860.2326	0.242132	0.207486	1.166979	0.243219	0.406164
C11orf58	3255.94	0.499392	0.155785	3.205645	0.001348	0.012589
RPS13	8421.119	0.171631	0.170525	1.006489	0.31418	0.481589
NUP98	2596.056	-0.28251	0.142413	-1.98373	0.047286	0.133854
HPS5	2543.002	-4.85E-04	0.164381	-0.00295	0.997645	0.999133
GTF2H1	1844.317	0.443785	0.154859	2.865736	0.00416	0.026068
PTPN5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
BCL9	758.7995	-0.52102	0.175177	-2.97425	0.002937	0.02086
PRRX1	22.39433	1.569443	0.583378	2.690267	0.007139	NA
DHCR24	12225.2	-0.44553	0.184196	-2.41879	0.015572	0.063581
DNAJC16	446.0884	-0.2288	0.166482	-1.37432	0.169342	0.319725
MARK1	327.6334	0.339988	0.187205	1.81613	0.06935	0.173413
TNR	0.601483	-1.7332	2.729494	-0.63499	0.525436	NA
MORN1	32.76862	-0.71208	0.373055	-1.90878	0.056291	NA
GPX7	177.0585	-0.10351	0.226748	-0.4565	0.648033	0.766251
CACYBP	1499.018	0.48465	0.152341	3.181357	0.001466	0.013388
SCP2	2142.499	0.684125	0.164019	4.171012	3.03E-05	0.001198
PAPPA2	0.722204	1.447218	2.611582	0.554154	0.579474	NA
RALGPS2	677.5527	0.790849	0.221587	3.569025	3.58E-04	0.005531
ANGPTL1	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
CEP104	1053.116	-0.04638	0.157312	-0.2948	0.768146	0.856103
FAM20B	1490.682	0.09515	0.178195	0.533969	0.593363	0.723919
TCEANC2	421.3588	0.090342	0.160156	0.564084	0.572697	0.708624
TMEM59	8649.736	0.21588	0.145474	1.48398	0.137814	0.277148
LRRC42	788.674	-0.12703	0.153184	-0.82924	0.406968	0.570689
WRAP73	429.1407	0.056879	0.156352	0.363786	0.716018	0.818789
MRPL37	2904.841	-0.26536	0.148915	-1.78196	0.074755	0.182462
ICMT	6087.934	-0.23083	0.176578	-1.30724	0.191131	0.345564
RPL22	3833.035	0.205844	0.181519	1.134006	0.256792	0.42077
CHD5	2.037197	-3.52786	2.070223	-1.7041	0.088363	NA
QSOX1	5001.716	-0.44881	0.129669	-3.46117	5.38E-04	0.007049
STXBP3	676.9927	0.975911	0.275989	3.536046	4.06E-04	0.005981
PHF13	720.57	-0.37239	0.190558	-1.9542	0.050677	0.139911
ERRFI1	151.4258	0.296137	0.213447	1.3874	0.16532	0.314232
PARK7	8646.256	0.09645	0.141466	0.681793	0.49537	0.646549
KIAA1324	7.425292	0.206909	0.731256	0.282951	0.777215	NA
OPRD1	8.165897	-0.63668	0.767849	-0.82917	0.407008	NA
AMPD2	1663.882	-0.12223	0.188273	-0.64921	0.516199	0.663725
SRSF4	2278.617	0.00164	0.146764	0.011175	0.991084	0.996125
MECR	737.5864	-0.27236	0.172001	-1.58346	0.113317	0.242093
KCNC4	125.224	-0.29909	0.301402	-0.99233	0.321035	0.489249
EDEM3	947.0091	0.748728	0.291171	2.571435	0.010128	0.047569
WDR77	731.5349	-0.08403	0.143013	-0.58756	0.556825	0.696179

ATP5F1	4085.097	0.245777	0.153661	1.599479	0.109714	0.237131
RAP1A	1235.035	0.529677	0.168859	3.1368	0.001708	0.014611
HDAC1	4629.776	0.033192	0.143247	0.231709	0.816764	0.890203
CAPZA1	4401.722	0.385906	0.186619	2.067882	0.038651	0.117459
S100PBP	446.6626	-1.60E-04	0.165352	-9.68E-04	0.999227	0.999472
RNF19B	1312.647	-0.57963	0.179823	-3.22332	0.001267	0.012066
SCAMP3	3524.47	-0.17388	0.139284	-1.24838	0.211891	0.370332
TRIM62	355.9909	-0.65163	0.179203	-3.63628	2.77E-04	0.004684
ASH1L	1080.229	0.168565	0.195553	0.86199	0.388693	0.554241
DLGAP3	1.054044	0.320362	1.998516	0.1603	0.872645	NA
SFPQ	3975.694	0.084056	0.141271	0.595	0.551844	0.6928
RHOU	8.364656	1.088681	1.138959	0.955857	0.339145	NA
GON4L	819.6799	-0.13946	0.135736	-1.02747	0.3042	0.47141
ARHGEF2	3433.122	-0.45161	0.151578	-2.97935	0.002889	0.02058
LAMTOR2	1546.178	-0.08166	0.13484	-0.60563	0.544759	0.686428
MEF2D	1844.139	-0.4144	0.162768	-2.54596	0.010898	0.049765
DOCK7	3115.794	0.00751	0.1923	0.039053	0.968848	0.983028
SRM	3729.348	-0.27352	0.128657	-2.12599	0.033504	0.106886
DLEU2L	2.164218	0.833174	1.362062	0.611701	0.540736	NA
FBXO2	1106.706	-0.04084	0.968948	-0.04214	0.966383	0.981451
FBXO6	320.5197	-0.49519	0.178452	-2.77492	0.005521	0.031724
C1orf21	2143.516	0.047617	0.157911	0.301542	0.763002	0.852775
SWT1	130.4791	0.747131	0.332576	2.246496	0.024672	0.086963
MAD2L2	958.1752	-0.09603	0.16196	-0.59292	0.553236	0.693776
DNAJC6	609.7249	0.351121	0.186066	1.887076	0.05915	0.155655
LEPR	42.14526	1.08978	0.374404	2.910704	0.003606	NA
IVNS1ABP	3726.974	0.278862	0.132119	2.110689	0.034799	0.109544
KIAA2013	1985.07	-0.2891	0.131755	-2.1942	0.028221	0.095208
MFN2	4810.798	-0.40237	0.135167	-2.97681	0.002913	0.020726
PRG4	4.992252	0.515492	1.19796	0.430308	0.666972	NA
MIIP	784.0923	-0.17084	0.144868	-1.17929	0.238284	0.401144
SMG7	1970.946	-0.37082	0.134872	-2.74944	0.00597	0.033288
NCF2	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
PDC	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SLC35D1	547.3641	-0.18906	0.197756	-0.95603	0.339058	0.507709
PLA2G4A	1859.441	1.129664	0.238498	4.736575	2.17E-06	2.63E-04
GADD45A	856.0797	0.10407	0.257056	0.404852	0.685586	0.79533
WLS	3251.465	-0.14435	0.14541	-0.99271	0.320851	0.489095
PRDM2	974.6858	-0.03986	0.162671	-0.24503	0.806433	0.88439
RGS2	236.4328	1.156681	0.334458	3.45838	5.43E-04	0.007103
RPE65	6.974697	0.539064	0.780197	0.690932	0.489608	NA
TROVE2	831.7542	0.900859	0.294036	3.063772	0.002186	0.017131
UCHL5	557.2541	0.713695	0.270074	2.642586	0.008228	0.041382
BCAS2	645.1575	0.719251	0.196803	3.654669	2.58E-04	0.004536
SRSF11	1464.704	1.003743	0.292233	3.434738	5.93E-04	0.007528
CTH	166.2951	-0.47296	0.21315	-2.2189	0.026493	0.091302
AGMAT	35.45064	-0.39581	0.35936	-1.10142	0.270713	NA

OLFML3	57.94518	-0.2397	0.326416	-0.73433	0.462746	0.620712
CFHR3	0.47961	0.535796	3.39605	0.15777	0.874638	NA
PLEKHM2	7978.005	-0.28325	0.169086	-1.67521	0.093893	0.214014
CRYZ	822.1582	0.708512	0.205757	3.443442	5.74E-04	0.007385
PHTF1	719.9477	0.467908	0.182094	2.569598	0.010182	0.047747
ZBTB17	844.8217	-0.3321	0.180253	-1.84243	0.065412	0.166897
CD58	358.1293	0.646246	0.16884	3.827568	1.29E-04	0.002993
TFAP2E	101.3506	0.265906	0.255962	1.03885	0.298875	0.465742
CD2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TTF2	773.4421	-0.09456	0.150515	-0.62822	0.529861	0.674874
NR5A2	22.1047	-0.2516	0.570447	-0.44105	0.659176	NA
KIF21B	8.462004	-1.0269	0.883312	-1.16256	0.245008	NA
TMEM9	2304.323	-0.10994	0.138046	-0.79638	0.425813	0.587731
ADPRHL2	968.4038	-0.12798	0.161262	-0.79364	0.427407	0.589313
MAP7D1	6981.875	-0.43379	0.14543	-2.98282	0.002856	0.020475
WARS2	318.0667	-0.01645	0.167958	-0.09795	0.921974	0.954836
HAO2	1.02675	-3.84073	2.498363	-1.5373	0.12422	NA
	7.070697	-0.73007	0.806922	-0.90476	0.365593	NA
OSCP1	217.2568	-0.21605	0.19977	-1.08152	0.279466	0.445601
MRPS15	2117.967	0.24189	0.139825	1.729947	0.08364	0.197007
EXOC8	432.125	0.383626	0.219189	1.750207	0.080083	0.1916
GNPAT	1392.326	0.146126	0.176518	0.827821	0.407772	0.571343
TSNAX	1298.338	1.008859	0.226603	4.452106	8.50E-06	5.66E-04
C1orf109	404.0012	0.265004	0.158542	1.671507	0.094621	0.21514
RRAGC	1940.592	0.068543	0.13369	0.512702	0.60816	0.735387
TBCE	727.0404	0.300558	0.155362	1.934566	0.053044	0.144021
NID1	1657.659	-0.88932	0.188155	-4.72652	2.28E-06	2.67E-04
LGALS8	1019.753	0.339149	0.163796	2.07056	0.0384	0.116966
HPCAL4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MTR	1231.126	0.389182	0.258934	1.503018	0.132834	0.270093
BMP8B	6.522309	0.220497	0.924086	0.238611	0.811407	NA
MYCL	1.325977	-1.6864	2.032952	-0.82953	0.406804	NA
SIPA1L2	1895.038	-0.02144	0.133447	-0.16067	0.872351	0.924028
RLF	286.206	0.818439	0.252098	3.246514	0.001168	0.011465
KMO	19.27903	0.455864	0.582913	0.782045	0.434188	NA
ZNF684	88.54893	0.704461	0.2558	2.753954	0.005888	0.032988
KCNQ4	3.983783	-0.6257	0.993123	-0.63004	0.52867	NA
RIMS3	76.08058	-0.3098	0.298353	-1.03838	0.299092	0.465931
AKT3	1515.688	0.49805	0.243135	2.048452	0.040516	0.121376
ETV3	1565.945	0.263417	0.204148	1.290328	0.196937	0.352352
ACADM	1227.878	0.67386	0.18413	3.659696	2.53E-04	0.004475
ST6GALNA(	85.02774	0.34942	0.337906	1.034075	0.301101	0.467954
SLAMF1	0.518939	0.925178	3.271397	0.282808	0.777324	NA
LPHN2	438.1967	0.363111	0.179303	2.025128	0.042854	0.126001
PADI2	20.06008	-1.00558	0.459094	-2.19037	0.028498	NA
SDHB	2886.259	0.134479	0.149985	0.896619	0.369922	0.536838
MFAP2	294.7351	-0.02268	0.193526	-0.1172	0.906701	0.945876

RPF1	988.6311	0.529692	0.182601	2.900818	0.003722	0.02435
KDM5B	1510.019	-0.24974	0.148228	-1.68482	0.092024	0.210973
UAP1	637.7613	0.176967	0.170341	1.038893	0.298854	0.465742
CTBS	541.4332	0.144008	0.196581	0.732563	0.463825	0.621386
RGS4	35.5753	1.021058	0.466866	2.187045	0.028739	NA
KLHL12	1476.144	-0.03019	0.153797	-0.19629	0.844385	0.907349
SSX2IP	328.4171	0.704093	0.315402	2.23237	0.025591	0.089457
ZNHIT6	457.8831	0.366016	0.23124	1.582838	0.113458	0.242307
RBBP5	713.7574	-0.01675	0.17095	-0.09799	0.921943	0.954836
GBP3	403.8692	0.872124	0.295819	2.948167	0.003197	0.022084
GBP1	186.6728	-0.14648	0.239523	-0.61154	0.540845	0.682824
PINK1-AS	88.61496	-0.55151	0.297065	-1.85651	0.06338	0.163381
KIF17	1.457231	1.67388	1.698239	0.985656	0.324302	NA
GPR89A	85.81416	-0.08024	0.258078	-0.31091	0.755867	0.847421
CDK18	432.5186	-0.45054	0.157816	-2.85486	0.004306	0.026682
RAB7L1	1573.326	0.019024	0.16643	0.114309	0.908993	0.947483
CD160	0.921134	0.131863	2.11947	0.062215	0.950391	NA
TXNIP	2017.913	-0.8782	0.205479	-4.2739	1.92E-05	9.04E-04
ECE1	1060.177	-0.1659	0.21339	-0.77746	0.436886	0.597357
HMGCL	1051.425	-0.24093	0.160601	-1.50018	0.133569	0.271237
GALE	946.9416	-0.42944	0.153067	-2.80558	0.005023	0.029727
ID3	520.4595	1.02204	0.677107	1.509421	0.131191	0.267735
CD46	2215.994	0.481859	0.153527	3.138603	0.001698	0.014564
PRPF3	760.1483	0.285081	0.136538	2.087927	0.036804	0.113713
APH1A	4232.537	-0.2505	0.123671	-2.02554	0.042812	0.125941
LEPRE1	1510.974	-0.32301	0.147348	-2.19216	0.028368	0.09539
SLC2A1	1658.658	-0.34474	0.168444	-2.04663	0.040695	0.121674
EBNA1BP2	1354.798	0.410705	0.17401	2.360237	0.018263	0.071011
CDC20	1523.597	-0.53812	0.253495	-2.12278	0.033772	0.107317
MPL	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
ARTN	7.853323	-0.08065	0.773469	-0.10427	0.916954	NA
IPO13	2474.491	-0.57667	0.147213	-3.91721	8.96E-05	0.002386
ATP6V0B	5832.13	0.046796	0.190675	0.245421	0.806131	0.88422
B4GALT2	1767.763	-0.24194	0.147034	-1.64548	0.09987	0.223198
ERI3	1674.954	-0.18795	0.146626	-1.28187	0.199889	0.355943
PTCH2	5.84713	-0.34857	0.890473	-0.39144	0.695472	NA
AKR1A1	2035.12	-0.20295	0.147898	-1.37223	0.169992	0.320363
PRDX1	13484.58	0.122153	0.150245	0.813024	0.416204	0.579324
PIK3R3	506.6227	-0.3538	0.296694	-1.19247	0.233078	0.395583
TSPAN1	9.959758	-0.56719	0.729667	-0.77732	0.43697	NA
BLZF1	557.9861	0.759469	0.244965	3.100314	0.001933	0.015805
CCDC181	22.34229	0.802168	0.684846	1.17131	0.241474	NA
SLC19A2	1297.813	0.155453	0.17232	0.902117	0.366995	0.534224
FAAH	24.23153	0.622241	0.419254	1.484162	0.137766	NA
NSUN4	779.2122	-0.08262	0.171352	-0.48215	0.6297	0.752151
TMED5	1017.518	0.740803	0.190859	3.881423	1.04E-04	0.002626
MROH9	6.235232	0.356648	0.871765	0.40911	0.682459	NA

DR1	1518.519	0.25659	0.138846	1.848016	0.0646	0.165674
CNN3	9536.557	0.281396	0.165859	1.696599	0.089772	0.207416
PRRC2C	2639.297	-0.0371	0.333572	-0.11121	0.911453	0.948657
F3	10.56311	-0.28438	0.660941	-0.43027	0.666998	NA
ABCD3	1801.339	0.302167	0.188677	1.601507	0.109265	0.236504
VAMP4	426.9538	0.766964	0.189408	4.049266	5.14E-05	0.001673
DPH5	468.13	-0.01671	0.161048	-0.10373	0.917382	0.952076
PTBP2	163.9922	0.72268	0.248523	2.907899	0.003639	0.024058
TNFSF4	33.94066	0.261133	0.374709	0.696895	0.485869	NA
PRDX6	4207.127	-0.10894	0.141657	-0.76902	0.441882	0.601869
DARS2	780.8194	-0.18276	0.138432	-1.32024	0.186753	0.340881
IRF6	232.7272	-0.35068	0.183755	-1.90843	0.056336	0.150183
DIEXF	688.9647	0.210431	0.16019	1.313631	0.18897	0.343263
	75.56938	-0.57645	0.356171	-1.61847	0.105562	0.231319
	7.158911	-1.74781	1.065998	-1.6396	0.101088	NA
SERPINC1	2.760746	0.010583	1.168747	0.009055	0.992776	NA
RCAN3	809.8339	-0.01207	0.142858	-0.08452	0.932644	0.961853
SYF2	766.4757	0.599586	0.164502	3.644857	2.68E-04	0.004599
C1orf63	433.7099	1.501794	0.208515	7.202341	5.92E-13	1.40E-09
SLC35A3	295.4181	0.852427	0.318458	2.676732	0.007434	0.038826
RCOR3	646.3948	0.124503	0.17826	0.698435	0.484905	0.638373
STMN1	7210.339	-0.14898	0.188412	-0.79069	0.429125	0.590656
MTFR1L	1824.457	-0.11163	0.141949	-0.78639	0.431636	0.592892
MAN1C1	283.7036	-0.407	0.173164	-2.35036	0.018755	0.072322
NEK2	413.3044	-0.01364	0.282028	-0.04836	0.961433	0.979108
RPS6KA1	585.2275	-0.01836	0.200151	-0.09174	0.926903	0.958156
DHDDS	1243.201	-0.31501	0.140146	-2.2477	0.024595	0.086816
NENF	2273.706	0.115703	0.163315	0.708467	0.478655	0.633256
NSL1	586.8607	0.434556	0.205836	2.111172	0.034758	0.109442
PROX1	12.17747	-0.64419	0.622622	-1.03464	0.300837	NA
ARID1A	1794.941	-0.71607	0.243458	-2.94124	0.003269	0.022362
CENPF	1257.095	0.893761	0.860109	1.039125	0.298747	0.465699
RPA2	1055.17	0.279642	0.165853	1.686088	0.091779	0.210711
PPP1R8	1108.251	0.143128	0.142438	1.004838	0.314975	0.48237
STX12	1524.224	0.206481	0.13526	1.526556	0.126871	0.262351
2-Mar	237.2537	0.02871	0.17966	0.159803	0.873037	0.924424
SLC5A9	10.10982	0.485295	0.682166	0.711403	0.476835	NA
OSBPL9	3852.304	0.084636	0.161826	0.523005	0.600971	0.730247
TXNDC12	2022.874	0.15059	0.140202	1.074095	0.28278	0.449137
MUC5B	7.56184	0.422626	0.803924	0.525704	0.599094	NA
CTSD	36813.96	-0.12577	0.164121	-0.76633	0.443481	0.603336
KIF14	165.2351	0.732214	0.375718	1.94884	0.051315	0.140999
TNNT2	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
DDX59	424.8899	0.62427	0.187056	3.337348	8.46E-04	0.009353
CAMSAP2	1235.854	0.637782	0.209116	3.049902	0.002289	0.017639
ATF6	1818.978	0.107643	0.172351	0.624556	0.532263	0.676528
C1orf54	60.08771	-0.1992	0.289404	-0.6883	0.491262	0.64317

CA14	2713.078	-0.68732	0.248914	-2.76128	0.005757	0.032518
ANKRD13C	674.2072	0.499234	0.196558	2.539882	0.011089	0.050462
SGIP1	83.82387	0.246203	0.357542	0.688599	0.491075	0.642998
DCLRE1B	330.9988	0.030098	0.208342	0.144464	0.885134	0.932072
CASQ2	24.75354	-1.4498	0.524665	-2.76329	0.005722	NA
OLFM3	0.422534	1.924583	3.001758	0.641152	0.521424	NA
RAB3GAP2	1223.566	0.644212	0.204885	3.144254	0.001665	0.014409
C1orf198	4687.301	-0.05606	0.327901	-0.17096	0.864259	0.92003
TRIM67	21.51096	-0.67103	0.587345	-1.14248	0.253256	NA
HEATR1	1198.298	0.038741	0.139112	0.278487	0.780639	0.86547
FAM178A	747.9346	0.406203	0.19609	2.071518	0.03831	0.116813
IDE	1025.385	0.340036	0.177454	1.916199	0.05534	0.148596
TECTB	1.140586	-0.14889	1.823527	-0.08165	0.934926	NA
ELOVL3	1.568656	-2.16843	1.872601	-1.15798	0.246874	NA
IFIT3	3458.822	-0.32368	0.24567	-1.31754	0.187659	0.341836
IFIT2	909.9531	0.122034	0.332686	0.366815	0.713757	0.817308
GPAM	446.2833	0.363543	0.206569	1.759908	0.078423	0.188658
CUTC	310.8974	0.224631	0.179307	1.252773	0.210288	0.368021
PPP1R3C	1562.003	-0.2773	0.161392	-1.71815	0.085769	0.200354
PYROXD2	154.5833	-0.42051	0.256718	-1.63802	0.101419	0.225027
CNNM1	293.5815	-0.35893	0.296319	-1.2113	0.225782	0.386966
MXI1	3572.671	0.443477	0.192106	2.308499	0.020971	0.078206
SMNDC1	714.1141	0.07772	0.153909	0.504969	0.61358	0.740094
C10orf88	316.6782	0.402732	0.193397	2.082411	0.037305	0.114667
HELLS	173.206	0.496472	0.25534	1.94436	0.051852	0.141801
TCTN3	1580.43	-0.2668	0.149302	-1.78698	0.073941	0.181373
FAM45A	605.1975	0.165275	0.173054	0.955048	0.339553	0.508003
AVPI1	3076.944	-0.14393	0.163119	-0.88234	0.377594	0.544108
WDR11	1998.94	0.281646	0.154939	1.817786	0.069097	0.172997
C10orf76	1095.772	-0.26995	0.141382	-1.90937	0.056215	0.150029
KCNIP2	24.95027	-0.31522	0.493477	-0.63878	0.522967	NA
CCDC147	3.111381	0.316474	1.146239	0.276098	0.782473	NA
GOT1	1366.826	-0.23682	0.138139	-1.71433	0.086467	0.201508
CPN1	220.0631	0.472879	0.350099	1.350698	0.176792	0.329058
C10orf95	0.589223	-3.04304	3.047314	-0.9986	0.317989	NA
SFRP5	3.436623	-0.22799	1.523268	-0.14967	0.881026	NA
TNN	5.18199	0.041792	0.945093	0.04422	0.964729	NA
MRPS14	1005.215	0.262069	0.128128	2.04536	0.040819	0.121985
CENPL	301.8094	0.242358	0.236108	1.026473	0.304669	0.472013
TNFSF18	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SEC16B	1.728229	-1.16052	1.555065	-0.74628	0.455497	NA
GORAB	148.281	1.344287	0.255374	5.263985	1.41E-07	4.29E-05
MASTL	560.2347	0.517634	0.161803	3.199164	0.001378	0.012785
KIAA1217	205.6812	-0.04788	0.210527	-0.22744	0.820078	0.892334
SEPT7P9	0.49029	2.123092	3.304282	0.642527	0.520531	NA
PLXDC2	163.3123	0.346371	0.248645	1.393037	0.163608	0.312181
EPC1	341.561	0.289132	0.202193	1.429982	0.152722	0.297294

TAF12	456.6411	0.248984	0.174294	1.428524	0.153141	0.297865
NPPB	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
UBIAD1	610.2707	-0.27571	0.159749	-1.72588	0.084368	0.197978
TARDBP	2300.599	0.108241	0.140788	0.76882	0.442	0.601943
TNFRSF8	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TRIM6	100.829	-0.09549	0.327146	-0.29188	0.770375	0.858023
ECHDC2	321.7561	0.259044	0.18591	1.393381	0.163505	0.312042
LHX4	20.37447	0.680262	0.505713	1.345152	0.178576	NA
RNF2	434.8897	0.11716	0.194268	0.603082	0.546454	0.688001
TRMT1L	454.1882	0.398671	0.225703	1.766349	0.077337	0.186995
KIF18A	137.272	1.406962	0.260351	5.404106	6.51E-08	2.57E-05
DESI2	1797.262	0.183008	0.169365	1.080556	0.279895	0.445868
MAPK8IP1	343.6062	-0.17877	0.183087	-0.97641	0.328862	0.497151
CRY2	439.3277	-0.35835	0.161182	-2.22325	0.026199	0.090873
PEX16	683.9545	-0.1686	0.164754	-1.02332	0.306157	0.473267
DEPDC7	252.1233	0.417844	0.199336	2.096185	0.036066	0.112073
CAT	2110.154	0.169185	0.157993	1.070838	0.284242	0.450855
BAI2	141.4766	-0.23557	0.250933	-0.93877	0.347848	0.515984
HCRTR1	0.971297	3.154786	2.249666	1.402335	0.160815	NA
ZCCHC17	1148.342	0.212608	0.159937	1.329325	0.183741	0.336981
FABP3	179.4808	0.58221	0.393552	1.479373	0.139041	0.279046
KHDRBS1	2949.242	-0.02975	0.183676	-0.16199	0.871313	0.923353
TMEM39B	324.2527	-0.39325	0.206449	-1.90485	0.0568	0.151046
RNF115	1140.241	-0.13871	0.141247	-0.98202	0.326088	0.494155
POLR3GL	786.7416	0.18465	0.147328	1.253328	0.210086	0.367775
CPXM2	3210.285	0.011624	0.223966	0.051899	0.958609	0.977155
TMEM54	936.1956	-0.07292	0.137749	-0.52934	0.596572	0.726525
ZSCAN20	150.8307	-0.13403	0.202945	-0.66043	0.50898	0.657437
CSMD2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
HPCA	5.000189	-0.80439	1.018967	-0.78942	0.429866	NA
LRIF1	206.7313	0.834455	0.275997	3.023416	0.002499	0.018801
ADORA3	3.309249	0.682598	1.132778	0.602587	0.546783	NA
CLCC1	696.5738	0.243326	0.171473	1.419038	0.155888	0.301723
GPSM2	498.7101	0.407239	0.228829	1.779662	0.075131	0.183032
FMOD	38.06608	0.15388	0.456213	0.337298	0.735892	NA
MYOG	0.163957	0.424913	4.079006	0.104171	0.917034	NA
COPA	8658.801	-0.29096	0.133896	-2.17307	0.029775	0.098517
CD244	0.915556	-1.07826	2.191337	-0.49206	0.62268	NA
ANXA11	8331.034	-0.21798	0.142982	-1.52452	0.12738	0.263265
LDB3	62.14506	-1.04672	0.428381	-2.44344	0.014548	0.06067
FAM35A	378.1288	1.011101	0.246603	4.100107	4.13E-05	0.001488
FAM213A	3026.791	0.070449	0.146354	0.481364	0.630258	0.752665
RPL5	15906.25	0.475607	0.183355	2.593908	0.009489	0.045544
ODF2L	223.1283	1.079143	0.358004	3.014333	0.002575	0.019243
SPATA1	5.272178	0.624747	0.914548	0.683121	0.49453	NA
TRMT13	103.5258	1.028722	0.354141	2.904837	0.003674	0.024173
LRRC39	168.9592	1.034133	0.268026	3.858331	1.14E-04	0.002779

RWDD3	203.5709	0.648293	0.219818	2.949223	0.003186	0.022047
ZNF644	455.836	0.936092	0.347884	2.690813	0.007128	0.037572
CCDC18	46.23504	1.066126	1.068949	0.997359	0.31859	NA
RPAP2	163.3506	0.610409	0.274227	2.225926	0.026019	0.09043
NBPF14	59.90566	0.495068	0.334013	1.48218	0.138292	0.277874
PLAU	1.095699	-1.13063	2.016328	-0.56074	0.574978	NA
SRGN	571.2963	0.089871	0.201263	0.446534	0.655211	0.77237
CHST3	2643.51	-0.46873	0.218844	-2.14184	0.032207	0.104129
BICC1	208.86	0.654263	0.260725	2.509398	0.012094	0.053697
CISD1	663.3329	0.332066	0.164681	2.016421	0.043756	0.127483
EGR2	10.88194	0.06974	0.665466	0.104799	0.916535	NA
ECD	1205.686	0.144919	0.140861	1.028811	0.303569	0.47084
P4HA1	1254.219	0.369631	0.154496	2.392491	0.016734	0.067227
SLC25A16	393.1384	0.203948	0.193962	1.051479	0.293039	0.460068
ZWINT	1241.066	-0.01155	0.195563	-0.05906	0.952904	0.974355
VPS26A	1680.266	0.49039	0.191068	2.566579	0.010271	0.048031
CDKN2C	1182.849	-0.53789	0.255738	-2.10329	0.03544	0.110885
RNF11	3613.571	0.402819	0.149018	2.703164	0.006868	0.036661
OPTN	5185.925	0.469101	0.17811	2.633775	0.008444	0.042031
ITIH5	60.13219	0.694552	1.54035	0.450905	0.652058	0.769935
KBTBD4	217.6765	-0.33969	0.193943	-1.75151	0.079857	0.191148
TYRL	14.5993	-0.45067	0.572665	-0.78697	0.431298	NA
ATPAF1	1442.804	-0.1373	0.143614	-0.95604	0.339051	0.507709
STIL	350.2548	0.197254	0.204883	0.962764	0.335666	0.504477
LPGAT1	1689.123	0.401647	0.250158	1.605572	0.108368	0.23525
BATF3	31.84067	0.572776	0.429578	1.333347	0.182418	NA
G0S2	3.098036	-0.9555	1.190182	-0.80282	0.422078	NA
PFKFB2	758.5855	-0.05136	0.144567	-0.35524	0.72241	0.823619
C4BPB	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TRIM51	55.1216	0.435477	0.419207	1.038812	0.298892	0.465742
MYRF	13.41555	-0.16899	0.549201	-0.30771	0.758303	NA
AHNAK	48066.94	-0.20557	0.139325	-1.47545	0.140091	0.280348
MSTO1	287.3216	-0.13725	0.198857	-0.69018	0.490083	0.642357
ATG4C	366.4366	0.780265	0.239698	3.255201	0.001133	0.011192
HNRNPR	2833.431	0.401952	0.142737	2.816043	0.004862	0.028972
ZNF436	370.4173	-0.10681	0.227053	-0.47044	0.638041	0.758814
PSMB2	2849.554	-0.11904	0.130587	-0.9116	0.361977	0.529064
AGO3	107.4897	0.304165	0.274424	1.108374	0.2677	0.432663
UROD	3326.526	-0.28598	0.123911	-2.30794	0.021003	0.078273
ST3GAL3	755.7712	-0.44113	0.139482	-3.16261	0.001564	0.013896
TMEM53	347.875	-0.3372	0.180044	-1.87286	0.061087	0.159302
HECTD3	2996.485	-0.44842	0.1313	-3.41523	6.37E-04	0.007829
DNAJC8	2939.646	0.357445	0.171061	2.089576	0.036656	0.113473
AHDC1	661.7997	-0.75355	0.22306	-3.37825	7.29E-04	0.008554
IFI6	26191.13	-1.10825	0.22265	-4.97753	6.44E-07	1.21E-04
CPSF3L	2109.141	-0.24375	0.12074	-2.0188	0.043508	0.127074
HIVEP3	231.5576	-0.57163	0.219499	-2.60425	0.009207	0.044608

PPCS	1271.719	0.262086	0.138911	1.886725	0.059197	0.155744
AUNIP	117.8429	0.079889	0.322762	0.247518	0.804507	0.883177
EMC1	1660.93	-0.56802	0.149501	-3.79943	1.45E-04	0.003166
UBR4	4467.114	-0.56277	0.177761	-3.16587	0.001546	0.013793
HP1BP3	2864.861	-0.13318	0.151952	-0.87649	0.380765	0.546883
MACF1	3463.991	0.251398	0.170747	1.472343	0.140928	0.281423
ECHS1	4481.88	-0.19616	0.149946	-1.30823	0.190795	0.345061
ARHGAP22	5.976682	0.713856	0.892319	0.800002	0.42371	NA
COPB1	2903.384	0.270162	0.164284	1.644485	0.100076	0.223218
PSMA1	512.218	0.295902	0.152415	1.94142	0.052207	0.14251
BBOX1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MYOD1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
SERGEF	427.2164	-0.03472	0.181064	-0.19174	0.847944	0.909306
KCNC1	3.068778	2.003469	1.500976	1.334777	0.181949	NA
TPH1	1.137783	0.40046	1.978632	0.202392	0.83961	NA
CSRP3	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
E2F8	12.81442	0.354669	0.618451	0.57348	0.56632	NA
CHRNA10	9.732896	-0.36006	0.671957	-0.53584	0.59207	NA
CDKN1C	381.0598	-0.15657	0.187749	-0.83396	0.404306	0.569031
STK33	2.941917	0.754544	1.184601	0.63696	0.524151	NA
LSP1	0.326536	0.037056	3.842554	0.009644	0.992306	NA
TNNT3	0.785714	-3.2458	3.343263	-0.97085	0.331623	NA
TNNI2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
H19	2.820211	1.069965	1.248846	0.856763	0.391576	NA
TUBGCP2	2508.545	-0.30588	0.131222	-2.33099	0.019754	0.075058
CALY	0.192403	0.975392	4.060716	0.240202	0.810174	NA
CYP2E1	3.617697	2.601175	1.246578	2.086651	0.03692	NA
CEP85	472.4615	-0.09944	0.152983	-0.64998	0.515705	0.663161
ARHGEF16	12.87285	0.094739	0.578241	0.163839	0.869858	NA
LRRC47	1506.425	-0.42316	0.128341	-3.29717	9.77E-04	0.010183
SESN2	710.3648	-0.43004	0.161575	-2.66157	0.007778	0.039847
SMPDL3B	0.968668	-0.08001	2.195869	-0.03644	0.970935	NA
ATPIF1	1885.493	0.051897	0.13554	0.382894	0.701799	0.808378
MED18	647.3899	-0.14649	0.148731	-0.98494	0.324654	0.492617
THEMIS2	904.2662	-0.83393	0.227812	-3.6606	2.52E-04	0.004472
UBE4B	2611.483	-0.12472	0.142924	-0.87265	0.382856	0.548882
CASZ1	6.348526	0.159266	0.924264	0.172316	0.863189	NA
GJA9	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
CAP1	17019.41	0.005313	0.163251	0.032544	0.974038	0.985529
PPT1	5090.419	-0.17202	0.178921	-0.96144	0.33633	0.505284
ACAP3	2197.274	-0.0523	0.171456	-0.30502	0.760354	0.850778
C1orf159	472.5651	-0.05152	0.179748	-0.28663	0.774395	0.860453
NPHP4	526.3485	-0.28597	0.167958	-1.70265	0.088634	0.205459
CHD1L	2103.288	0.104563	0.14561	0.718098	0.472697	0.628442
PEX11B	912.4982	-0.19981	0.136693	-1.46175	0.143809	0.285467
FMO5	94.68091	0.291953	0.259184	1.126434	0.259982	0.424355
PIAS3	517.3753	-0.34297	0.177828	-1.92867	0.053771	0.145548

PRKAB2	814.7744	0.256235	0.161289	1.588666	0.112136	0.240523
RBM8A	724.1979	0.057068	0.137712	0.414405	0.678578	0.790385
LIN28A	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TRIM21	926.4127	-0.44456	0.158793	-2.79962	0.005116	0.030041
SPATA6	444.9128	0.327432	0.182673	1.79245	0.073061	0.180107
LRRC41	2593.193	-0.54873	0.12442	-4.41029	1.03E-05	6.34E-04
FCRLA	7180.426	-0.21928	0.167249	-1.31108	0.18983	0.34409
HSD17B7	483.8921	0.33025	0.157317	2.099266	0.035794	0.111578
ARFIP2	1815.862	0.033279	0.175308	0.189829	0.849443	0.910419
TRIM5	592.8935	-0.20168	0.204032	-0.98846	0.322928	0.490809
CNGA4	1.061949	-0.45116	2.030098	-0.22224	0.82413	NA
TRIM22	356.7487	-0.40639	0.250141	-1.62463	0.104241	0.229312
RRP8	565.7299	-0.17479	0.14639	-1.19402	0.232469	0.394718
TIMM10B	1494.436	-0.20554	0.137518	-1.49464	0.135008	0.273593
PTPRE	14.53178	0.759209	0.926839	0.819138	0.412708	NA
ZRANB2	783.7367	1.049539	0.290835	3.608712	3.08E-04	0.005032
DAP3	2465.44	0.071987	0.131272	0.548378	0.583433	0.716894
RHBG	1.440017	0.403371	1.70198	0.237001	0.812656	NA
KIAA0907	763.1213	0.377452	0.159661	2.364081	0.018075	0.070509
ATP1A4	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
NES	4415.034	0.015357	0.321511	0.047767	0.961902	0.979417
BCAN	12442.6	-0.87595	0.201485	-4.34749	1.38E-05	7.56E-04
ARHGEF11	4258.71	-0.34541	0.157625	-2.19132	0.028429	0.095503
RAB25	0.162376	0.424913	4.079006	0.104171	0.917034	NA
HAPLN2	0.949524	-0.003	2.040023	-0.00147	0.998826	NA
FCRL2	0.518939	0.925178	3.271397	0.282808	0.777324	NA
DCAF8	1260.608	-0.01555	0.152746	-0.1018	0.918912	0.95308
SYT11	1885.524	-0.14761	0.186361	-0.79204	0.428335	0.590112
MMACHC	775.2374	-0.71799	0.194294	-3.6954	2.20E-04	0.00412
DPH2	960.2618	-0.11511	0.155969	-0.73804	0.460491	0.618738
TOE1	453.6833	-0.37095	0.152437	-2.4335	0.014954	0.061855
NASP	958.315	0.458863	0.14499	3.164787	0.001552	0.013833
MUTYH	322.9853	-0.34455	0.157838	-2.18296	0.029039	0.096974
INADL	138.5263	0.187523	0.257425	0.728457	0.466334	0.623479
KANK4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ANGPTL3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FBXO44	1222.354	-0.09199	0.157747	-0.58315	0.559794	0.69845
RSG1	141.4002	-0.2339	0.222987	-1.04895	0.2942	0.461219
CASP9	336.2478	-0.17053	0.197496	-0.86345	0.387892	0.553708
CHRM3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MYBPH	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PIK3C2B	1104.216	-0.81547	0.180973	-4.50601	6.61E-06	4.97E-04
DSTYK	5959.642	0.039492	0.141889	0.278333	0.780757	0.8655
SLC41A1	1153.1	-0.28408	0.161528	-1.75869	0.07863	0.18904
LGR6	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TMCC2	3494.838	-0.22123	0.230464	-0.95995	0.337079	0.505912
EPHB2	0.616518	2.49285	2.980788	0.836306	0.402983	NA

SRRM1	1247.63	-0.18003	0.163371	-1.10195	0.270485	0.435443
WDR74	840.2889	-0.04303	0.192888	-0.22307	0.82348	0.893657
SFTPD	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
DYDC2	1.188177	-0.03068	1.878929	-0.01633	0.986971	NA
TMEM254	192.2091	-0.41441	0.234344	-1.7684	0.076995	0.186394
SWAP70	2260.266	0.481458	0.145628	3.306074	9.46E-04	0.00998
ARNTL	301.9651	0.410965	0.179025	2.295581	0.0217	0.080091
AMPD3	62.93996	-0.18431	0.430088	-0.42854	0.668258	0.782242
MICALCL	0.440301	0.468383	3.449808	0.135771	0.892003	NA
SBF2	1078.404	-0.05272	0.154173	-0.34196	0.732377	0.830527
MICAL2	53.8623	-0.83327	0.322309	-2.58532	0.009729	0.046338
RRAS2	296.1896	0.064006	0.174344	0.367123	0.713528	0.817124
GNAT2	4.164569	0.455944	0.986074	0.462383	0.643806	NA
GSTM1	286.1896	-0.26724	0.200716	-1.33144	0.183045	0.336174
PRPF38B	679.776	1.009372	0.569716	1.771709	0.076443	0.185473
TSPAN2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
GSTM5	0.422737	0.518872	3.501356	0.148192	0.882191	NA
GSTM3	1957.581	0.208714	0.149994	1.391482	0.164079	0.312777
SYT6	15.00252	-0.21773	0.575354	-0.37843	0.70511	NA
VAV3	138.3962	0.20032	0.27543	0.727298	0.467043	0.623713
PSRC1	974.6654	-0.30891	0.182464	-1.693	0.090456	0.208467
PTPN22	0.520316	2.239969	3.173769	0.705776	0.480328	NA
SORT1	11155.05	-0.27185	0.149534	-1.818	0.069064	0.172997
WNT2B	15.1156	1.042018	0.567392	1.836506	0.066283	NA
PTGFRN	1811.119	-0.70318	0.184511	-3.81103	1.38E-04	0.00309
LAMTOR5	2384.365	0.172452	0.164367	1.049185	0.294093	0.461117
NOTCH2	2841.294	-0.67777	0.192237	-3.52568	4.22E-04	0.006131
TRIM45	54.69377	-0.54308	0.299409	-1.81383	0.069704	0.174038
CEPT1	802.6344	0.31816	0.172796	1.841248	0.065585	0.167055
CD101	5.545709	0.413153	0.890165	0.464131	0.642554	NA
VTCN1	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
NGF	24.20227	0.841378	0.723719	1.162576	0.245002	NA
AP4B1	259.6388	-0.16852	0.18982	-0.88778	0.374658	0.54093
LDHA	30115.96	0.122205	0.152526	0.801209	0.423011	0.585361
ANO3	2.830285	-0.18544	1.311018	-0.14145	0.887518	NA
NAV1	2017.724	-0.7892	0.192416	-4.10155	4.10E-05	0.001483
CDC73	976.4314	0.82815	0.163487	5.065558	4.07E-07	8.78E-05
TIMM17A	2437.438	0.355829	0.159009	2.237794	0.025234	0.088507
CRB1	1.195988	-1.61404	2.13645	-0.75548	0.449963	NA
FBXO18	2771.9	-0.07928	0.135962	-0.58311	0.559821	0.69845
RBM17	1090.78	0.441649	0.154636	2.85605	0.004289	0.026624
ANKRD16	154.9643	-0.06816	0.202876	-0.33596	0.736901	0.833267
ECHDC3	185.4207	-0.48572	0.252634	-1.92261	0.054529	0.147055
IL15RA	2.453932	0.61104	1.502475	0.406689	0.684236	NA
LRP4	404.0086	-0.68696	0.179239	-3.83266	1.27E-04	0.002972
DDB2	2001.265	-0.11108	0.171977	-0.64591	0.51834	0.665395
ACP2	1191.078	-0.33665	0.17401	-1.93467	0.05303	0.144021

PUM1	1890.176	-0.11004	0.128972	-0.85321	0.393545	0.55842
SPOCD1	248.188	0.311733	0.374886	0.831541	0.405668	0.56959
YARS	2369.589	-0.14359	0.163967	-0.87572	0.381181	0.547413
PHC2	4003.727	-0.13314	0.136445	-0.9758	0.329163	0.497366
CDCA8	487.5601	-0.41764	0.240874	-1.73386	0.082944	0.195915
GNL2	947.1777	0.753649	0.202197	3.727301	1.94E-04	0.003807
AGO4	583.7519	0.198686	0.170714	1.163849	0.244485	0.407246
HOOK1	27.79773	1.321844	0.46735	2.828381	0.004678	NA
CYP2J2	138.0198	-0.11962	0.235148	-0.5087	0.610966	0.737952
BTF3L4	609.7631	0.139581	0.147416	0.946848	0.343716	0.511904
ZCCHC11	378.1266	0.409598	0.317435	1.290336	0.196934	0.352352
PRPF38A	530.9575	0.327863	0.15149	2.164251	0.030445	0.100035
DAGLA	101.0016	-0.63087	0.2904	-2.17241	0.029825	0.098598
SLC43A3	3049.359	-0.15768	0.240205	-0.65644	0.51154	0.659379
TIMM10	698.2364	0.11792	0.184272	0.639924	0.522222	0.66864
GIF	0.258578	1.233151	4.047809	0.304646	0.760635	NA
APLNR	0.575812	0.936922	2.776634	0.337431	0.735792	NA
FADS2	8004.207	-0.48641	0.149067	-3.26306	0.001102	0.011045
TMEM258	137.4693	-0.14343	0.208093	-0.68927	0.490651	0.642797
TCN1	44.2246	0.047957	0.438655	0.109328	0.912943	NA
PRR5L	64.5143	-0.36049	0.289559	-1.24497	0.213141	0.37186
LMO2	153.9101	1.323748	0.425085	3.114078	0.001845	0.015297
PHF21A	725.2254	-0.12785	0.164384	-0.77775	0.436715	0.597284
NAT10	1473.43	-0.21946	0.128368	-1.70961	0.087338	0.203019
EHF	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PRRG4	209.4455	0.915818	0.216181	4.236351	2.27E-05	9.97E-04
CAPRIN1	7202.886	-0.14391	0.118495	-1.21447	0.224569	0.385613
AGT	4.504847	0.4133	1.091602	0.378618	0.704972	NA
ZNF670	49.96237	0.501046	0.317297	1.579108	0.114311	0.243515
PCNXL2	289.6966	-0.48131	0.17716	-2.71681	0.006591	0.035632
KCNK1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
URB2	479.6845	-0.14982	0.175499	-0.85371	0.393267	0.558333
EGLN1	2817.243	0.040194	0.170108	0.236285	0.813211	0.8887
CAPN9	4.399315	0.886612	0.965877	0.917935	0.358653	NA
COG2	1217.409	0.011601	0.175029	0.06628	0.947155	0.97057
ABCB10	344.238	0.594443	0.241324	2.463255	0.013768	0.058503
NTPCR	986.0055	-0.05851	0.142683	-0.41007	0.681754	0.792683
TAF5L	699.2931	0.078885	0.147279	0.53562	0.592221	0.7233
GLUL	8104.867	-0.20114	0.321272	-0.62609	0.531258	0.675613
STX6	1365.233	0.13312	0.181376	0.733942	0.462984	0.620891
RNASEL	313.9046	0.105417	0.196434	0.536653	0.591507	0.723
DHX9	4593.728	0.058422	0.128445	0.454842	0.649223	0.767275
KIAA1614	319.5987	-0.55661	0.188953	-2.94577	0.003222	0.022179
CEP350	850.9723	0.731829	0.269253	2.718002	0.006568	0.035537
NPL	618.7039	0.120932	0.242169	0.499372	0.617518	0.742537
FAM129A	3539.379	0.382065	0.266175	1.435394	0.151175	0.295106
PIGC	790.537	0.022473	0.132597	0.169486	0.865415	0.920317

ACBD6	1166.432	-0.04278	0.132852	-0.32203	0.74743	0.84124
LAMC1	7137.256	-0.3659	0.127991	-2.85881	0.004252	0.026491
RC3H1	341.3071	0.480104	0.20223	2.374055	0.017594	0.069387
EPRS	2839.071	0.624337	0.175195	3.563677	3.66E-04	0.005558
HLX	12.22168	-0.34024	0.634006	-0.53665	0.591513	NA
VPS45	1084.518	0.26054	0.162303	1.605272	0.108434	0.235264
IL10	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
KCTD3	965.8211	0.51577	0.241402	2.136556	0.032634	0.10513
RPS6KC1	803.2709	0.441112	0.193957	2.274281	0.022949	0.082916
RASSF5	2.707634	-0.2818	1.224144	-0.2302	0.817936	NA
STAM	2648.585	-0.02179	0.163947	-0.1329	0.89427	0.938268
ABI1	2475.4	0.262771	0.142256	1.847169	0.064723	0.165792
YME1L1	4575.654	0.31811	0.162519	1.957373	0.050304	0.139139
DNAJC1	769.1839	0.675908	0.135225	4.998395	5.78E-07	1.12E-04
BCAR3	1135.019	-0.19776	0.148816	-1.32891	0.183877	0.337126
TTLL7	476.0311	1.083131	0.255003	4.247526	2.16E-05	9.60E-04
FNBP1L	817.6976	0.176737	0.326521	0.541273	0.58832	0.720882
CCBL2	959.7174	0.477861	0.173167	2.759531	0.005788	0.032619
GTF2B	903.8516	0.44124	0.165661	2.663511	0.007733	0.039779
RABGGTB	1252.78	0.581061	0.16956	3.426875	6.11E-04	0.007678
IFI44L	566.9837	-0.94571	0.811085	-1.16598	0.243624	0.406464
GIPC2	0.258578	1.233151	4.047809	0.304646	0.760635	NA
ARHGAP29	27.30991	0.358687	0.468078	0.766297	0.443499	NA
IFI44	251.6889	0.081904	0.378453	0.216418	0.828662	0.896738
SLC44A5	1.717004	3.960539	1.870373	2.117513	0.034216	NA
RPL7P9	44.0867	0.188184	0.362445	0.519205	0.603618	NA
CLCA2	7.246772	0.503663	1.041565	0.483563	0.628696	NA
DNASE2B	17.13681	-0.03879	0.636595	-0.06094	0.951407	NA
DBT	300.0821	0.448716	0.279826	1.603554	0.108812	0.235864
RTCA	623.3005	0.339717	0.211934	1.602941	0.108948	0.236033
ACTR1A	8580.893	-0.36635	0.138718	-2.641	0.008266	0.041524
TMEM180	181.9876	-0.24983	0.214305	-1.16577	0.243709	0.406467
MYOF	12739.05	0.5172	0.285177	1.813609	0.069738	0.174038
LOXL4	2.390983	1.906279	1.448951	1.315627	0.188299	NA
STAMBPL1	262.6008	0.419294	0.184322	2.274793	0.022918	0.082895
CH25H	5.784974	-1.06173	0.905629	-1.17237	0.241049	NA
ATAD1	2076.038	0.525309	0.213869	2.456219	0.014041	0.059342
BTBD16	5.044115	-0.60608	0.911673	-0.6648	0.506175	NA
KIF11	603.5858	0.561575	0.231793	2.422743	0.015404	0.063089
CUZD1	7.732755	1.383471	0.798669	1.73222	0.083234	NA
TACC2	405.3469	-0.46337	0.213297	-2.17242	0.029824	0.098598
DUSP5	141.8687	0.06247	0.206531	0.302473	0.762292	0.852303
CALHM2	639.1693	-0.05832	0.190121	-0.30677	0.759019	0.849766
ARL3	728.2726	0.197683	0.182668	1.082195	0.279166	0.445426
CEP55	572.0468	0.628345	0.182421	3.444472	5.72E-04	0.007385
KIF20B	217.996	1.209067	1.161031	1.041374	0.297702	0.464828
ENTPD1	309.7073	0.538445	0.196341	2.742395	0.006099	0.033788

EXOC6	176.8589	0.843921	0.241155	3.4995	4.66E-04	0.006516
PLCE1	10.85352	1.760769	0.752677	2.339343	0.019318	NA
RBP4	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ANXA7	1953.935	0.105095	0.139009	0.756031	0.449631	0.609046
FAM149B1	571.2285	0.227456	0.164041	1.386584	0.165569	0.314604
NCOA4	7724.073	-0.03381	0.145029	-0.23312	0.815668	0.889858
TIMM23	1669.6	0.155481	0.168891	0.920601	0.357259	0.524821
ASCC1	836.4917	-0.00594	0.15486	-0.03838	0.969386	0.983447
PLA2G12B	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF365	36.46303	0.081812	0.353865	0.231194	0.817164	NA
OIT3	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ADAMTS14	0.606787	-3.06078	3.567758	-0.8579	0.390947	NA
RPS24	10941.58	0.567569	0.161859	3.506564	4.54E-04	0.00643
TET1	41.6392	0.37741	0.42532	0.887354	0.374888	NA
DNA2	56.29388	0.5224	0.298727	1.748757	0.080333	0.191928
MYPN	38.29594	0.572018	0.389843	1.467303	0.142294	NA
SIRT3	490.5855	-0.34602	0.161125	-2.1475	0.031754	0.103214
IFITM3	6220.616	-0.76466	0.223499	-3.42131	6.23E-04	0.007763
ATHL1	156.0527	0.292172	0.224168	1.303364	0.19245	0.346996
IL19	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SLC2A5	2.305381	-0.28469	1.260946	-0.22577	0.821377	NA
RERE	2539.008	-0.80224	0.222232	-3.60992	3.06E-04	0.005015
MMEL1	3.432513	-1.06801	1.106015	-0.96564	0.334226	NA
PRDM16	17.15368	0.264765	0.506579	0.522653	0.601216	NA
CELA2A	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FHAD1	1.410339	-1.33003	1.92711	-0.69017	0.490089	NA
PADI1	1.121596	1.119295	2.311568	0.484215	0.628233	NA
EPHA2	472.5465	-0.2776	0.241299	-1.15045	0.249958	0.41369
ARHGEF19	141.583	-0.26052	0.300427	-0.86716	0.385853	0.551916
EFHD2	2836.096	-0.06497	0.165617	-0.3923	0.69484	0.80325
PEX14	796.6774	-0.40581	0.137454	-2.95233	0.003154	0.021929
PGD	4250.269	-0.41468	0.172675	-2.40152	0.016327	0.065972
MYOM3	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
SH3BGRL3	4037.813	-0.18875	0.227004	-0.83148	0.405704	0.56959
CNKSR1	1.441394	1.117352	1.830657	0.610356	0.541626	NA
RPL11	15869.22	0.225719	0.129732	1.739888	0.081879	0.194406
IL22RA1	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
ZNF593	1.132682	0.571077	1.952886	0.292427	0.76996	NA
C1orf216	2441.703	-0.02005	0.186588	-0.10746	0.914425	0.950505
KIAA0319L	2653.289	-0.40467	0.145051	-2.78983	0.005274	0.030661
EVA1B	835.0941	-0.06122	0.198903	-0.30778	0.758246	0.849302
DMRTA2	0.622842	1.158846	2.735323	0.42366	0.671814	NA
MAP3K6	1059.616	-0.56573	0.173256	-3.26529	0.001094	0.010986
FCN3	0.841063	-2.08438	2.306687	-0.90362	0.366195	NA
GPN2	592.3928	-0.19709	0.145498	-1.35456	0.175558	0.327548
SYTL1	3.651037	-0.19113	1.102581	-0.17335	0.862378	NA
WDTC1	2199.431	-0.51795	0.138643	-3.73585	1.87E-04	0.003727

NBPF3	439.887	-0.11174	0.167488	-0.66712	0.504694	0.654325
HSPG2	9626.487	-0.51214	0.268877	-1.90472	0.056816	0.151056
ITGB3BP	245.52	0.646044	0.224523	2.877407	0.00401	0.025436
SERBP1	4708.802	0.277615	0.140004	1.982913	0.047377	0.134015
BCL10	403.2355	0.117416	0.165086	0.711245	0.476933	0.631807
CYR61	677.1788	0.53432	0.788129	0.677961	0.497797	0.648717
PRKACB	1818.437	0.62028	0.209683	2.958181	0.003095	0.021663
PIGK	1504.344	0.752813	0.206521	3.645212	2.67E-04	0.004599
TINAGL1	3.052272	0.552538	1.248387	0.442601	0.658054	NA
ADC	306.3739	0.092381	0.184262	0.501358	0.616119	0.742059
RPS8	21285.64	0.337768	0.142079	2.377317	0.017439	0.069029
KIF2C	793.0517	-0.34481	0.248462	-1.38779	0.165202	0.314059
PTPRF	324.8093	-0.37111	0.306697	-1.21003	0.226267	0.38763
BEST4	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA
MOB3C	253.1684	-0.11665	0.185024	-0.63046	0.528393	0.673776
TMEM61	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LMO4	1946.358	0.032227	0.14953	0.215525	0.829358	0.897165
SYPL2	42.82258	-0.19583	0.343699	-0.56976	0.568842	NA
BARHL2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
MTF2	241.3031	0.602598	0.229096	2.630333	0.00853	0.042312
SLC44A3	256.6622	-0.25992	0.229701	-1.13157	0.257814	0.421919
IGSF3	3616.001	-0.55056	0.154973	-3.5526	3.81E-04	0.005731
ZNF697	1175.825	-0.15709	0.189143	-0.83054	0.406236	0.569932
CTTNBP2NI	683.7142	0.112991	0.177902	0.635129	0.525344	0.670971
STRIP1	247.3274	-0.2284	0.214709	-1.06378	0.287427	0.453587
KCNA10	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PSMA5	3016.11	0.109938	0.172805	0.636195	0.524649	0.670408
FNDC7	0.096202	0.408546	4.079639	0.100143	0.920231	NA
C1orf162	1.60277	1.310065	2.178035	0.60149	0.547514	NA
CD53	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
CELSR2	2982.381	-0.74801	0.175481	-4.26264	2.02E-05	9.36E-04
ITGA10	3.892366	0.75777	1.301938	0.582032	0.560545	NA
GJA5	15.13021	0.019889	0.60783	0.032721	0.973897	NA
GPR161	481.5864	-0.12216	0.159396	-0.76637	0.443456	0.603336
ALDH9A1	2507.681	-0.29413	0.141619	-2.07691	0.03781	0.115644
ATP1B1	741.847	0.328374	0.357096	0.919567	0.357799	0.525131
TIPRL	876.0109	0.401279	0.142221	2.821527	0.00478	0.028636
NME7	233.9264	0.360101	0.193157	1.864293	0.062281	0.161562
POGK	1627.712	-0.1388	0.15465	-0.89753	0.369435	0.536481
MPC2	767.444	0.176393	0.155521	1.134209	0.256707	0.420707
CREG1	1618.867	0.177111	0.212521	0.833382	0.404629	0.569092
DCAF6	1991.808	0.373671	0.136398	2.739568	0.006152	0.03389
RXRG	1196.586	-0.45577	0.163822	-2.78208	0.005401	0.031234
TBX19	21.9291	0.412348	0.568316	0.72556	0.468108	NA
UCK2	1253.893	-0.30693	0.163044	-1.88252	0.059765	0.156926
TMCO1	2374.941	0.505453	0.164537	3.071984	0.002126	0.016816
XCL1	0.096202	0.408546	4.079639	0.100143	0.920231	NA

POU2F1	372.8568	0.069529	0.22411	0.310245	0.756374	0.847846
ILDR2	1.427407	0.984049	1.659042	0.593143	0.553086	NA
MGST3	4077.502	-0.00133	0.152977	-0.00866	0.993088	0.996912
ADCY10	0.619047	-1.7574	3.107232	-0.56558	0.571677	NA
RFWD2	949.8406	0.129178	0.164136	0.787021	0.43127	0.592665
PVRL4	3.747367	-0.81319	1.12328	-0.72394	0.469102	NA
UFC1	2340.57	0.356959	0.124221	2.873593	0.004058	0.02562
PPOX	425.3966	-0.30184	0.151329	-1.99459	0.046087	0.131845
FCGR2A	34.73607	-0.29482	0.385328	-0.76512	0.444197	NA
NUF2	212.0165	1.148873	0.190025	6.045917	1.49E-09	1.35E-06
RGS5	8.927165	0.650965	0.679617	0.957841	0.338143	NA
SDHC	2102.271	-0.08083	0.142553	-0.56702	0.570704	0.7066
PFDN2	1653.695	0.260776	0.178765	1.458767	0.144629	0.286575
NR1I3	12.76885	0.134064	0.655094	0.204648	0.837847	NA
USP21	631.5313	-0.35191	0.192322	-1.82979	0.067281	0.169633
F13B	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PRCC	1765.395	-0.28591	0.154293	-1.85302	0.063879	0.164341
FCRL5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RRNAD1	418.952	-0.22042	0.177823	-1.23956	0.21514	0.374251
MRPL24	1919.722	-0.15617	0.170556	-0.91567	0.359841	0.526982
PIGM	356.5289	-0.15074	0.201275	-0.74894	0.453892	0.612718
CASQ1	0.49187	2.136088	3.895953	0.548284	0.583497	NA
ISG20L2	838.5181	-0.19655	0.145674	-1.34921	0.17727	0.329394
CRABP2	8.243275	0.609877	0.735293	0.829434	0.406859	NA
HDGF	8623.122	-0.14807	0.203583	-0.72733	0.467023	0.623713
ABL2	7440.286	0.093261	0.17656	0.528213	0.597352	0.727064
XPR1	851.5278	0.210968	0.160627	1.313404	0.189047	0.343314
RGS16	511.2001	1.700257	0.881239	1.929393	0.053682	0.145364
TOR1AIP1	1929.525	0.065835	0.196485	0.335062	0.737579	0.833837
FAM163A	8.792415	0.704529	0.717027	0.98257	0.325819	NA
HMCN1	1861.961	0.090638	0.141355	0.641207	0.521388	0.668146
RGL1	602.2438	-0.32911	0.166672	-1.9746	0.048314	0.135641
LYPLAL1	292.4568	0.213716	0.312013	0.684957	0.493371	0.64458
LHX9	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
PRUNE	654.8569	-0.17314	0.17478	-0.99061	0.321875	0.490088
RORC	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
TUFT1	382.3039	-0.62159	0.16224	-3.83128	1.27E-04	0.002981
SF3B4	1648.369	-0.43498	0.152169	-2.85855	0.004256	0.026493
ECM1	9656.536	-0.59037	0.176699	-3.3411	8.34E-04	0.009297
ZNF687	1224.466	-0.67403	0.149773	-4.50032	6.79E-06	5.06E-04
TARS2	1085.351	-0.37628	0.139896	-2.6897	0.007152	0.037648
CGN	255.4162	-0.19742	0.228156	-0.86527	0.386893	0.552871
SNX27	1427.861	-0.44354	0.226495	-1.95827	0.050198	0.138943
SETDB1	605.6723	-0.33309	0.180603	-1.84433	0.065135	0.166416
ADAMTSL4	30.21972	-0.33206	0.377668	-0.87924	0.37927	NA
MCL1	4125.283	0.00768	0.127062	0.060445	0.951801	0.97348
CTSK	44351.08	-0.09258	0.175472	-0.52763	0.597756	0.727481

RFX5	2385.628	-0.13439	0.182844	-0.73498	0.462352	0.620395
PI4KB	3380.785	-0.40204	0.130133	-3.08945	0.002005	0.016238
PIP5K1A	1852.527	-0.19281	0.148772	-1.29604	0.194962	0.350068
ANP32E	636.7749	0.476829	0.266213	1.791152	0.073269	0.180395
FAM63A	1225.41	-0.47231	0.283036	-1.66872	0.095172	0.215853
ANXA9	97.41616	-0.56725	0.372023	-1.52476	0.127319	0.263216
SELENBP1	2471.14	-0.61719	0.196345	-3.14337	0.00167	0.014431
CERS2	3263.07	-0.21289	0.165981	-1.28265	0.199615	0.355802
ENSA	4150.586	-0.02732	0.141478	-0.19308	0.846895	0.908839
SEMA6C	112.4745	-0.26288	0.250535	-1.04926	0.294056	0.461117
MRPL9	643.6555	0.1526	0.138057	1.105344	0.269011	0.433776
ARNT	1389.654	-0.29239	0.143366	-2.03943	0.041407	0.123369
POGZ	1155.297	-0.48484	0.135286	-3.58384	3.39E-04	0.005324
C1orf56	147.3659	-0.42631	0.228793	-1.86329	0.062421	0.161813
OAZ3	20.28709	-0.32109	0.458668	-0.70004	0.483899	NA
HORMAD1	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
GOLPH3L	482.4849	-0.05794	0.183164	-0.31631	0.751767	0.844731
GABPB2	108.0292	0.037966	0.279672	0.135751	0.892018	0.936771
IKBKE	434.3926	-0.09509	0.161643	-0.5883	0.556332	0.695782
SYT14	483.008	0.549073	0.265207	2.070352	0.038419	0.116995
KCNH1	142.7504	-0.31918	0.220868	-1.44512	0.148425	0.291611
DTL	517.6619	-0.00957	0.221572	-0.04319	0.965546	0.981198
DYRK3	373.363	0.143812	0.187534	0.76686	0.443165	0.603321
EIF2D	1184.947	-0.04896	0.133698	-0.36621	0.714211	0.81767
INTS7	989.4679	-0.08849	0.176885	-0.50028	0.616879	0.742224
VASH2	9.316558	0.030778	0.717061	0.042923	0.965763	NA
TAF1A	71.55051	0.301931	0.283015	1.066835	0.286046	0.452446
SMYD2	1857.831	0.107953	0.164306	0.657025	0.511165	0.659182
DUSP10	1050.177	0.060661	0.222183	0.273021	0.784837	0.869149
HHIPL2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
TP53BP2	1377.537	0.054235	0.154572	0.350871	0.725685	0.825703
ATP8B2	4693.41	-0.11409	0.219651	-0.51944	0.603456	0.732334
FLG2	0.82213	0.50433	2.197682	0.229483	0.818494	NA
ADAM15	5141.859	-0.36716	0.128001	-2.86842	0.004125	0.025944
JTB	3229.917	-0.09603	0.181548	-0.52898	0.596821	0.726717
RAB13	3371.391	0.474659	0.189386	2.506307	0.0122	0.054027
TPM3	10866.93	-0.05285	0.120642	-0.43803	0.661363	0.776975
NUP210L	1.148665	0.530005	1.802635	0.294017	0.768745	NA
SNAPIN	1207.977	-0.15315	0.152584	-1.00372	0.315515	0.482886
SLC27A3	896.5635	-0.67452	0.290482	-2.32207	0.020229	0.076302
UBAP2L	5682.438	-0.48308	0.141113	-3.42337	6.18E-04	0.007734
SLC39A1	5723.467	-0.12032	0.155086	-0.77584	0.437846	0.597933
HAX1	2558.827	0.058186	0.13839	0.420452	0.674155	0.786547
CREB3L4	144.3961	-0.31811	0.229031	-1.38892	0.164856	0.313702
EFNA3	14.63853	0.183366	0.591896	0.309794	0.756718	NA
AQP10	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KCNN3	14.18208	0.01159	0.550065	0.021071	0.983189	NA

C1orf43	9653.78	-0.04778	0.149977	-0.31859	0.750036	0.843533
GATAD2B	976.1301	-0.51771	0.14131	-3.66367	2.49E-04	0.004426
ILF2	4091.995	-0.02498	0.14143	-0.17661	0.859812	0.916725
RIT1	756.8501	0.25431	0.186994	1.359994	0.173832	0.325815
INTS3	1492.577	-0.37027	0.152395	-2.42971	0.015111	0.062396
PKLR	4.514655	-0.22274	1.008203	-0.22093	0.825149	NA
HCN3	89.8586	-0.0378	0.250841	-0.15069	0.880218	0.928462
FLG	271.6411	-0.87979	0.34079	-2.58162	0.009834	0.046688
ACTA1	1.794833	0.911042	1.612736	0.564905	0.572139	NA
C1orf131	152.0711	0.806474	0.229583	3.512783	4.43E-04	0.006334
GALNT2	10280.59	-0.33532	0.183874	-1.82362	0.068209	0.171408
TTC13	303.2533	0.380864	0.219945	1.731632	0.083339	0.196653
SCCPDH	2420.308	0.106604	0.183647	0.580484	0.561589	0.699721
LYST	6296.071	0.519756	0.243541	2.134167	0.032829	0.105579
	12.8184	0.438103	0.643793	0.680503	0.496186	NA
CEP170	759.2163	0.421662	0.279417	1.509077	0.131279	0.267868
SNAP47	860.8847	-0.10058	0.179039	-0.56176	0.574276	0.709634
SRP9	1513.349	0.600948	0.177447	3.386638	7.08E-04	0.008346
NVL	356.8128	0.38178	0.206169	1.851783	0.064057	0.164621
SDE2	380.2543	0.304463	0.220475	1.380941	0.167297	0.316783
DEGS1	4082.09	0.029586	0.158272	0.186931	0.851715	0.911865
FBXO28	1090.409	0.246073	0.167134	1.47231	0.140937	0.281423
ARF1	13642.1	-0.2666	0.119965	-2.22234	0.026261	0.090994
CNIH4	1735.23	0.192971	0.147266	1.310353	0.190076	0.344286
ITPKB	10703.62	-0.56387	0.138376	-4.0749	4.60E-05	0.001568
GUK1	7470.929	-0.0335	0.131592	-0.25461	0.799028	0.878627
CDC42BPA	1375.488	0.733694	0.307537	2.38571	0.017046	0.067932
CNIH3	156.3662	-0.36306	0.203709	-1.78224	0.07471	0.182427
C1orf35	385.5671	-0.12304	0.160753	-0.76541	0.44403	0.603875
PARP1	4292.075	-0.21806	0.122682	-1.77741	0.075501	0.183754
PSEN2	1792.723	-0.29114	0.164158	-1.77351	0.076144	0.184863
PYCR2	1071.808	-0.1699	0.136084	-1.24852	0.211839	0.370324
LBR	436.3215	0.406537	0.191716	2.120515	0.033963	0.107625
WNT9A	0.785567	-0.70568	2.358063	-0.29926	0.764741	NA
EPHX1	4384.758	-0.70582	0.184301	-3.8297	1.28E-04	0.002993
REN	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SOX13	1581.394	-0.45659	0.192478	-2.37216	0.017684	0.069628
ETNK2	1081.344	-0.377	0.180972	-2.08319	0.037234	0.114532
PPFIA4	26.49784	-0.47598	0.430829	-1.1048	0.269248	NA
PLEKHA6	303.4822	-1.54252	0.275604	-5.59686	2.18E-08	1.29E-05
PTPN7	0.326333	1.533889	3.826878	0.40082	0.688553	NA
SYT2	1.716012	1.369682	1.544299	0.886928	0.375118	NA
ARL8A	2184.348	-0.22481	0.133024	-1.69001	0.091026	0.209456
ZMYM4	883.1561	0.268361	0.250265	1.072307	0.283582	0.450055
IDI2	0.602678	1.083611	2.70938	0.399948	0.689195	NA
PROSER2	84.01825	0.092206	0.362847	0.254119	0.799404	0.878959
USP6NL	626.2258	0.07649	0.177914	0.429926	0.66725	0.781814

COMMD3	1001.259	0.440921	0.165793	2.659468	0.007826	0.040061
MSRB2	1025.398	-0.18937	0.148493	-1.27525	0.202222	0.358669
PDSS1	231.8665	0.386087	0.234048	1.649604	0.099024	0.221873
FAM171A1	11.26362	0.596917	0.672315	0.887852	0.37462	NA
FAM188A	1318.732	0.116094	0.159271	0.728911	0.466056	0.623178
SLC39A12	24.86941	0.189224	0.427403	0.442728	0.657962	NA
TMEM236	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RSU1	6290.543	0.228833	0.134463	1.701828	0.088788	0.205541
ST8SIA6	878.105	0.263049	0.265968	0.989026	0.32265	0.490721
PARD3	834.1324	0.104864	0.148442	0.706433	0.479919	0.634563
ANKRD30A	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZEB1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAM13C	12.27581	0.054146	0.632979	0.085542	0.93183	NA
NRBF2	574.5386	0.534016	0.170645	3.129389	0.001752	0.014833
CDHR1	22.93818	0.148339	0.760409	0.195078	0.845332	NA
RGR	2.195937	-0.78637	1.675285	-0.46939	0.638789	NA
POLR3A	1107.681	-0.31565	0.133293	-2.36811	0.017879	0.07
HERC4	953.6574	0.796025	0.216371	3.678987	2.34E-04	0.004291
C10orf11	843.0091	-0.01337	0.139434	-0.09592	0.923582	0.956
CAMK2G	577.5129	-0.31216	0.195039	-1.60051	0.109486	0.236809
ADIRF	1.275711	1.512025	1.883195	0.802904	0.42203	NA
GLUD1	3289.977	0.100754	0.127364	0.791066	0.428905	0.59062
ANKRD1	0.864416	1.729451	2.409716	0.717699	0.472943	NA
HTR7	37.48487	0.941902	0.500548	1.88174	0.059871	NA
RPP30	714.3754	0.376741	0.152827	2.465152	0.013696	0.058277
FRA10AC1	232.3804	0.494899	0.31104	1.591112	0.111584	0.239791
ADD3	4957.585	0.452758	0.247312	1.830717	0.067143	0.169494
VAX1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DNAJB12	1987.465	-0.33991	0.152148	-2.23405	0.02548	0.089236
EIF4EBP2	3686.923	-0.28258	0.122257	-2.31139	0.020812	0.077845
PLEKHS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TCF7L2	374.8013	-0.35333	0.197583	-1.78825	0.073735	0.181055
MKI67	1611.442	-0.33303	0.259055	-1.28557	0.198592	0.354457
CYP17A1	0.642189	0.046766	2.378271	0.019664	0.984311	NA
INA	8.833155	0.105611	0.825886	0.127876	0.898247	NA
FUOM	739.2279	-0.08316	0.231659	-0.35898	0.71961	0.82133
LRRC27	341.7712	0.002936	0.187732	0.015642	0.98752	0.99347
MTG1	80.95469	-0.07858	0.252664	-0.311	0.755798	0.847421
PAOX	127.4225	-0.02421	0.248076	-0.09758	0.922263	0.955032
GSTO1	14116.17	0.181592	0.191124	0.950124	0.342049	0.51019
TAF5	118.7878	-0.00923	0.269282	-0.03428	0.972653	0.985034
PPRC1	892.1439	-0.44401	0.18008	-2.46562	0.013678	0.058239
ITPRIP	836.4972	-0.37618	0.176408	-2.13246	0.032969	0.105731
CNNM2	431.7595	-0.36313	0.163344	-2.22312	0.026208	0.090873
PDCD11	1974	-0.41522	0.153382	-2.70707	0.006788	0.036363
ADAM12	144.6709	-0.76483	0.345115	-2.21616	0.026681	0.091707
RGS10	2581.112	0.379162	0.178851	2.119989	0.034007	0.107737

BTBD10	626.5265	0.380649	0.185451	2.052554	0.040116	0.120643
ADM	120.3731	-0.44692	0.239259	-1.86795	0.061769	0.160479
GAS2	118.4881	0.141953	0.302682	0.468986	0.63908	0.759385
SLC5A12	0.70851	-1.62753	2.686091	-0.60591	0.544574	NA
LIN7C	311.1776	0.734234	0.296425	2.476968	0.01325	0.057233
IMMP1L	112.8472	0.189244	0.275655	0.686523	0.492383	0.643732
PGAP2	347.993	-0.25167	0.171089	-1.47101	0.14129	0.28189
TUT1	203.9728	-0.56804	0.188192	-3.01838	0.002541	0.019043
SCGB1A1	0.47961	0.535796	3.39605	0.15777	0.874638	NA
SYT8	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ZNF214	25.68135	0.879615	0.450301	1.953392	0.050773	NA
ZNF215	78.10623	0.641505	0.295415	2.17154	0.02989	0.098788
HSD17B12	4140.305	0.430394	0.154207	2.791018	0.005254	0.030564
APIP	422.7527	0.693304	0.196619	3.526124	4.22E-04	0.006131
PAMR1	27.01302	-1.17087	0.435558	-2.68821	0.007184	NA
DGKZ	1772.319	-0.2688	0.172615	-1.55723	0.119415	0.251264
EIF3M	2483.562	0.264954	0.166979	1.586754	0.112568	0.241189
TNKS1BP1	2612.334	-0.52663	0.179541	-2.9332	0.003355	0.022701
GLYAT	0.392711	0.292538	3.145221	0.09301	0.925895	NA
SERPING1	254.7203	-0.45217	0.294296	-1.53644	0.124431	0.259008
SSRP1	3248.961	-0.08187	0.120959	-0.67687	0.498485	0.649308
SLC43A1	332.5359	-0.19528	0.176523	-1.10623	0.268627	0.433599
PTPRJ	1832.463	-0.31148	0.153695	-2.0266	0.042703	0.125806
C11orf49	853.065	-0.32688	0.139473	-2.34368	0.019095	0.073307
ARFGAP2	2139.23	-0.38761	0.129298	-2.99782	0.002719	0.019923
CELF1	1217.804	0.075589	0.163288	0.46292	0.643422	0.762832
DAK	526.3821	-0.33266	0.20911	-1.59083	0.111647	0.239791
MTA2	2546.714	-0.41039	0.153013	-2.68208	0.007317	0.038363
TMEM138	930.7724	-0.03807	0.163313	-0.23312	0.815667	0.889858
FADS1	3556.222	-0.26678	0.122474	-2.17823	0.029389	0.097646
ROM1	70.17626	-0.00173	0.285779	-0.00607	0.995157	0.997908
EML3	1497	-0.31224	0.152325	-2.04982	0.040382	0.121106
INCENP	2138.128	-0.80751	0.17648	-4.57564	4.75E-06	4.09E-04
OOSP2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MS4A3	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PLCH2	1.195639	0.515221	2.098932	0.245468	0.806094	NA
CPSF7	1431.149	-0.33567	0.151499	-2.21567	0.026714	0.091765
MS4A2	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
B3GAT3	2057.796	-0.09469	0.151893	-0.62338	0.533037	0.677164
MPP7	1.909793	2.161609	1.550034	1.394556	0.16315	NA
	1.107959	-0.3351	1.823092	-0.18381	0.854166	NA
ITGB1	10751.94	0.625094	0.17001	3.676805	2.36E-04	0.004314
TRIM48	3.425227	1.779718	1.573138	1.131317	0.257922	NA
ARID5B	1106.609	-0.18257	0.174908	-1.04379	0.296585	0.463665
PDCD4	1305.238	0.266623	0.195412	1.364414	0.172437	0.323815
ADRA2A	7.767025	2.005369	0.978958	2.048472	0.040514	NA
RGS18	0.411855	0.250456	3.097618	0.080854	0.935558	NA

DOCK1	1945.047	0.238917	0.165037	1.447661	0.147712	0.290884
PIP4K2A	4124.115	0.082035	0.144227	0.56879	0.569498	0.705805
ENKUR	1.208102	0.723565	1.850162	0.391082	0.695737	NA
GPR158	100.3647	-1.23854	0.474157	-2.61208	0.008999	0.044103
UEVLD	555.1056	0.681702	0.199295	3.420573	6.25E-04	0.007763
TMEM86A	360.5968	-0.50307	0.182683	-2.75377	0.005891	0.032991
ANK3	109.2335	0.312979	0.426287	0.734197	0.462829	0.620753
IPMK	138.6969	0.738875	0.334094	2.21158	0.026996	0.092445
DLG5	1370.677	-0.29574	0.170348	-1.73612	0.082543	0.195357
MAT1A	3.171021	0.089038	1.081071	0.082361	0.93436	NA
DIP2C	3331.53	-0.47321	0.175677	-2.69363	0.007068	0.037373
AGAP11	0.47803	0.520083	2.97881	0.174594	0.861399	NA
EXT2	3369.847	-0.3169	0.144549	-2.19231	0.028357	0.09539
NEK7	1116.627	1.065306	0.225507	4.724042	2.31E-06	2.67E-04
UPF2	537.6028	0.920549	0.616741	1.492602	0.135541	0.274393
CDC123	1464.365	0.253013	0.176045	1.437203	0.15066	0.294428
CCDC3	23.27401	0.764929	0.55145	1.387122	0.165405	NA
FRMD4A	1113.985	-0.02489	0.200484	-0.12417	0.901177	0.942187
VTI1A	744.7635	0.041743	0.15085	0.276721	0.781995	0.866568
FAM160B1	1000.768	0.234759	0.177687	1.321193	0.186437	0.340557
AKR1C2	48.39518	0.741064	0.479735	1.544736	0.12241	0.255848
DPYSL4	395.1204	-0.31919	0.345838	-0.92293	0.356043	0.523878
ADAM8	3.193832	-0.37271	1.160792	-0.32108	0.748146	NA
ITIH2	1.083511	0.500984	1.995536	0.251053	0.801774	NA
KIN	151.662	0.595134	0.256338	2.321672	0.020251	0.076358
GFRA1	206.9549	-0.4285	0.298972	-1.43325	0.151786	0.295909
CACUL1	1125.951	0.215075	0.18727	1.148473	0.250773	0.414408
TIAL1	1449.431	0.280903	0.141148	1.99013	0.046577	0.1327
BAG3	1202.6	-0.42627	0.153842	-2.77087	0.005591	0.031988
LIX1L	799.9079	-0.3923	0.145772	-2.69118	0.00712	0.037572
NBPF11	2.320295	-0.86825	1.786949	-0.48589	0.627048	NA
RABGAP1L	521.578	0.292365	0.255987	1.142111	0.253408	0.417475
TMEM56	82.24594	0.977757	0.280832	3.481637	4.98E-04	0.006768
ASTN1	1.274772	-2.84703	2.61544	-1.08855	0.276354	NA
PTPN14	863.5432	-0.41232	0.152138	-2.71017	0.006725	0.036139
ARL14EP	516.6436	0.669745	0.193058	3.469137	5.22E-04	0.006967
SPON1	1.74341	-0.25121	1.432949	-0.17531	0.860838	NA
PDE3B	1057.907	0.33334	0.209101	1.59416	0.1109	0.23892
UHMK1	3305.419	0.372181	0.223255	1.667064	0.095502	0.216311
TADA1	216.0206	0.180334	0.195778	0.921117	0.356989	0.524555
SUV39H2	311.012	0.436293	0.189808	2.298598	0.021528	0.079679
DCLRE1C	289.6347	0.762525	0.20918	3.645302	2.67E-04	0.004599
OLAH	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPP38	224.3942	0.442141	0.177938	2.484804	0.012962	0.05635
NMT2	962.2322	0.35455	0.236073	1.501864	0.133132	0.270625
ARL5B-AS1	1.150043	1.185274	1.979154	0.598879	0.549253	NA
FAM21B	122.2669	-0.05257	0.226026	-0.23261	0.816068	0.889858

TCTEX1D1	8.941415	-0.17468	0.774991	-0.22539	0.821673	NA
WDR78	47.53739	0.823304	0.34785	2.366836	0.017941	0.070142
ANKRD22	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
IFIT5	917.6121	0.271194	0.235445	1.151836	0.249389	0.41332
PANK1	223.6207	0.468663	0.212935	2.200965	0.027738	0.09425
HHEX	247.3817	0.040495	0.193737	0.20902	0.834432	0.900929
GGPS1	995.5567	0.505933	0.177012	2.858192	0.004261	0.0265
MR1	1237.384	-0.47111	0.289916	-1.62497	0.104168	0.229312
HNRNPU	5953.878	-0.0339	0.17261	-0.19637	0.844317	0.907349
AHCTF1	534.7244	0.546532	0.198097	2.75892	0.005799	0.032657
LINC00467	113.0489	0.604799	0.241451	2.504846	0.01225	0.05417
MCOLN2	146.4482	0.742166	0.289763	2.561286	0.010429	0.048407
DDAH1	54.1634	0.153331	0.408467	0.375381	0.707377	0.812751
HS2ST1	971.8609	0.211322	0.211234	1.000414	0.31711	0.484826
AK5	4221.074	0.64647	0.786116	0.82236	0.410872	0.57424
CC2D1B	2904.369	-0.24041	0.154662	-1.55441	0.120086	0.25228
MIA3	1058.597	0.452296	0.275824	1.639797	0.101047	0.224455
DISP1	310.7638	-0.99881	0.209117	-4.77634	1.79E-06	2.28E-04
OBSCN	238.5012	-0.36982	0.334443	-1.10578	0.268823	0.433709
TRIM11	942.0556	-0.33059	0.153697	-2.15092	0.031483	0.102534
ENAH	1750.294	0.425704	0.239193	1.779752	0.075117	0.183032
CCSAP	179.5123	0.219813	0.198983	1.104682	0.269297	0.433993
GBP5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
BUB3	2402.044	0.124234	0.158223	0.785183	0.432347	0.5935
GPR26	1.162303	2.195571	2.038153	1.077235	0.281375	NA
MMP21	0.640406	1.11402	2.710977	0.410929	0.681124	NA
C10orf90	3652.602	-0.57634	0.178732	-3.22461	0.001261	0.012031
FAM69A	534.9017	0.018034	0.195892	0.092059	0.926651	0.958156
MMS19	2747.087	-0.41515	0.127404	-3.25856	0.00112	0.01112
PI4K2A	1828.833	-0.30485	0.151142	-2.01701	0.043695	0.127367
MARVELD1	6622.643	-0.50623	0.124089	-4.07959	4.51E-05	0.001553
ZFYVE27	1905.517	-0.09871	0.157168	-0.62807	0.529956	0.674874
GOLGA7B	2199.19	-0.51006	0.125537	-4.06299	4.84E-05	0.001613
SLC25A28	580.344	-0.07087	0.163195	-0.43429	0.664078	0.779393
MOV10	1269.951	-0.65605	0.15577	-4.21168	2.53E-05	0.001062
RHOC	4403.059	-0.04605	0.13233	-0.34801	0.727834	0.827433
PPM1J	9.420576	-0.30549	0.701348	-0.43558	0.66314	NA
SLC16A1	1330.03	-0.07968	0.164181	-0.48533	0.627446	0.750113
PIK3AP1	123.7874	-0.18427	0.259003	-0.71145	0.476805	0.631755
C10orf12	84.78011	0.085538	0.254102	0.336628	0.736398	0.833121
SPAG17	2.197166	1.403219	1.431805	0.980035	0.327069	NA
FMN2	31.465	0.110791	0.538074	0.205902	0.836867	NA
MCU	466.3226	0.033302	0.180325	0.184678	0.853481	0.912964
TTC18	13.95256	0.892382	0.575329	1.55108	0.120883	NA
GPR61	1.252771	0.053586	1.700195	0.031518	0.974857	NA
ADK	1199.133	0.491524	0.200878	2.446879	0.01441	0.060428
KCNMA1	12.5928	-0.78724	0.684523	-1.15005	0.250122	NA

DRAM2	1201.248	0.195375	0.172242	1.134308	0.256666	0.420707
PCGF6	162.7525	0.456581	0.255679	1.785758	0.074138	0.181706
SFR1	82.32754	0.460981	0.311509	1.479828	0.138919	0.27885
SFXN2	73.57091	-0.63969	0.401843	-1.59188	0.111412	0.239657
SUPV3L1	691.7085	-0.06078	0.149545	-0.40641	0.684442	0.794639
HKDC1	74.97562	-1.34524	0.452839	-2.97067	0.002971	0.021006
HK1	9082.729	-0.23364	0.16763	-1.39376	0.163391	0.311966
TYSND1	1004.76	-0.33136	0.14537	-2.27943	0.022642	0.082217
NODAL	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
UBE2L6	1525.838	-0.89124	0.272257	-3.27354	0.001062	0.010789
ZDHHC5	3611.645	-0.33001	0.135015	-2.44428	0.014514	0.060596
MED19	555.4246	-0.08117	0.158206	-0.51309	0.607889	0.735325
KAT6B	388.9949	0.233055	0.204011	1.142365	0.253302	0.417475
SAMD8	869.8812	0.691972	0.220385	3.139836	0.00169	0.014563
GLYATL2	14.50518	0.809009	0.572495	1.41313	0.157618	NA
MS4A1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
FRRS1	117.4945	-0.25899	0.25626	-1.01065	0.312184	0.479394
HIAT1	1445.52	0.221007	0.165028	1.339214	0.180501	0.333033
SASS6	77.62934	0.887503	0.357746	2.480823	0.013108	0.056734
SHCBP1L	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA
NMNAT2	0.875299	1.848392	2.453783	0.753283	0.45128	NA
ZFYVE9	848.628	0.327178	0.166888	1.960462	0.049942	0.138396
C1orf27	264.0953	0.904036	0.315256	2.867626	0.004136	0.025982
CPT2	572.1598	-0.36229	0.166552	-2.17524	0.029612	0.098146
NECAP2	3245.992	-0.11684	0.12384	-0.94348	0.345435	0.513404
LRP8	873.2783	0.080848	0.143774	0.562331	0.57389	0.709434
CDCP2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SSBP3	964.2562	-0.33435	0.151959	-2.20025	0.027789	0.094335
CREB3L1	65.60934	0.285911	0.976999	0.292642	0.769796	0.85762
FAM213B	3651.18	-0.28046	0.145177	-1.93182	0.053382	0.144782
TNFRSF14	9866.44	-0.17484	0.151954	-1.1506	0.249898	0.41369
PANK4	1121.629	-0.34092	0.152917	-2.22944	0.025784	0.089951
PEX10	2150.943	-0.29096	0.144069	-2.01961	0.043424	0.126951
RER1	3099.273	-0.1606	0.129829	-1.23701	0.216084	0.37531
SKI	2057.296	-0.51499	0.178443	-2.88601	0.003902	0.025065
LDLRAP1	1249.184	-0.31196	0.134992	-2.31094	0.020836	0.077896
PAFAH2	666.3978	-0.15239	0.152906	-0.99665	0.318933	0.486797
EXTL1	824.4662	-0.48067	0.202868	-2.36937	0.017818	0.06981
SLC30A2	12.27355	-0.69502	0.749514	-0.92729	0.353774	NA
TRIM63	7846.85	-0.0594	0.144442	-0.41124	0.680899	0.792077
MRPL17	2576.71	0.085158	0.175148	0.486208	0.62682	0.749465
GRHL3	0.558248	0.982076	2.804738	0.350149	0.726227	NA
UBXN11	370.9293	0.057814	0.166385	0.34747	0.728238	0.827654
NLRP14	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
TPRG1L	3321.51	-0.10001	0.14945	-0.66915	0.503398	0.653359
XKR8	415.4776	-0.23235	0.17489	-1.32855	0.183995	0.337239
EYA3	557.4497	-0.17587	0.141743	-1.24078	0.214686	0.373586

WASF2	3254.7	-0.62649	0.152881	-4.09788	4.17E-05	0.001498
FAM46B	67.04167	-0.62976	0.317664	-1.98246	0.047427	0.134086
RNF207	150.3415	-0.04774	0.233169	-0.20476	0.837756	0.902976
GPR153	2107.469	-0.33793	0.143372	-2.35698	0.018424	0.07152
RHBDL2	1.670591	-0.12805	1.762369	-0.07266	0.942078	NA
CD1D	1.288102	-0.49186	1.904342	-0.25828	0.796187	NA
CD1A	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CD1E	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PPP1R15B	898.7313	0.195726	0.187421	1.044308	0.296343	0.463649
TAGLN2	12668.26	-0.14344	0.137686	-1.04177	0.297517	0.464637
ELK4	740.1297	0.462523	0.244025	1.895392	0.058041	0.153519
SLAMF8	1.400891	-0.43398	1.760974	-0.24644	0.805341	NA
SLC45A3	160.9144	-0.12547	0.300142	-0.41802	0.675931	0.788232
DUSP23	996.8007	0.14551	0.16332	0.890951	0.372956	0.539654
NBL1	31878.02	-0.53314	0.151316	-3.52339	4.26E-04	0.00616
ITLN2	1.558526	-0.08772	1.723497	-0.0509	0.959408	NA
F11R	1998.539	-0.32359	0.207891	-1.55653	0.119582	0.251535
USF1	1347.902	-0.2383	0.172369	-1.38249	0.166823	0.316277
NIT1	637.8217	-0.21169	0.149952	-1.41173	0.158029	0.304545
DEDD	569.7809	-0.20099	0.17935	-1.12063	0.262444	0.426852
CDA	3.062502	-0.46625	1.115883	-0.41783	0.67607	NA
PINK1	1534.106	-0.11062	0.134038	-0.82529	0.409207	0.572795
B4GALT3	1206.857	-0.29969	0.151461	-1.97863	0.047858	0.134892
ADAMTS4	90.49349	-1.08811	0.434484	-2.50436	0.012267	0.054213
NDUFS2	4035.087	-0.27048	0.11803	-2.29161	0.021928	0.080682
FCER1G	5.064141	0.16476	0.883912	0.186399	0.852132	NA
APOA2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TOMM40L	744.0745	-0.17334	0.162506	-1.06664	0.286132	0.452521
MPZ	1266.166	0.110268	0.803194	0.137287	0.890804	0.936099
CACHD1	262.5668	-0.15742	0.237975	-0.66151	0.508287	0.657089
EPB41	776.7209	0.208754	0.165102	1.264396	0.206088	0.363081
SV2A	1271.591	-0.48673	0.199069	-2.44503	0.014484	0.060538
TNNI1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CSRP1	12187.18	-0.4955	0.136911	-3.61912	2.96E-04	0.004874
C1QC	0.163957	0.424913	4.079006	0.104171	0.917034	NA
C1orf51	209.7135	-0.11136	0.202069	-0.55109	0.58157	0.715198
CCDC24	69.98769	0.052474	0.263934	0.198814	0.842408	0.906403
PADI4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ADIPOR1	5675.109	-0.13915	0.129579	-1.07388	0.282876	0.44923
CYB5R1	4386.065	-0.37653	0.128418	-2.93206	0.003367	0.022712
PSMD4	3068.332	-0.05765	0.131414	-0.4387	0.660881	0.776641
ATP13A2	2634.8	-0.34949	0.158367	-2.20684	0.027325	0.093221
PSMB4	7930.779	-0.14098	0.141559	-0.99588	0.319308	0.487181
BTG2	287.0408	-0.03899	0.184112	-0.21178	0.832279	0.899259
CELF3	0.258578	1.233151	4.047809	0.304646	0.760635	NA
ALDH4A1	550.8879	-0.38339	0.157577	-2.43301	0.014974	0.061916
THEM4	1206.754	0.447359	0.185534	2.411188	0.015901	0.064533

TCHH	14.58885	1.053477	0.751851	1.401178	0.161161	NA
MED8	623.0291	-0.08973	0.144037	-0.62297	0.533307	0.677202
SPRR2G	0.785714	-3.2458	3.343263	-0.97085	0.331623	NA
CCDC17	3.333746	-0.3349	1.086799	-0.30816	0.757963	NA
GPBP1L1	1593.557	0.142541	0.162386	0.87779	0.380058	0.546414
TMEM69	504.8597	0.073103	0.157288	0.464773	0.642094	0.761812
EFCAB14	3146.463	-0.00888	0.124229	-0.07151	0.942988	0.968558
DFFA	1362.997	-0.2752	0.189271	-1.45402	0.145941	0.28834
CCDC28B	275.4596	-0.27239	0.207843	-1.31057	0.190004	0.344236
IQCC	56.9599	-0.04557	0.333905	-0.13647	0.891449	0.936392
TMEM234	250.9576	-0.07138	0.186598	-0.38252	0.702074	0.808431
BSDC1	1986.62	-0.07593	0.126672	-0.59938	0.548917	0.690147
ZBTB8A	14.63497	0.643585	0.579271	1.111025	0.266558	NA
ATAD3B	719.1085	0.054832	0.205546	0.266762	0.789653	0.872526
SSU72	6096.89	0.091338	0.14856	0.614826	0.538669	0.681093
UBE2J2	1623.157	-0.05628	0.135556	-0.41519	0.678005	0.789873
ZNF362	702.0208	-0.32379	0.141247	-2.29237	0.021884	0.080546
FNDC5	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
S100A1	277.678	0.155123	0.204408	0.758891	0.447918	0.60742
CHTOP	1277.297	-0.09295	0.158106	-0.58792	0.556583	0.695949
ZBTB7B	2103.497	-0.21229	0.184448	-1.15097	0.249747	0.41357
FLAD1	1192.253	-0.1761	0.133686	-1.31728	0.187744	0.341836
SHC1	8169.135	-0.18202	0.158946	-1.14514	0.252152	0.4161
ADAR	8806.446	-0.75826	0.156209	-4.85416	1.21E-06	1.79E-04
IL6R	1120.612	-0.08055	0.150378	-0.53566	0.592194	0.7233
UBE2Q1	3194.589	-0.0406	0.148459	-0.27351	0.784464	0.868817
CHRNB2	9.422762	-0.60303	0.71663	-0.84148	0.400077	NA
CRTC2	1008.621	-0.17913	0.148303	-1.20784	0.227107	0.388563
FDPS	1575.074	-0.01212	0.141871	-0.0854	0.931946	0.961401
RUSC1	760.3851	-0.26231	0.156743	-1.67352	0.094225	0.214616
GBAP1	123.5708	-0.20267	0.213592	-0.94887	0.342688	0.510822
FAM189B	1763.604	-0.3713	0.198973	-1.86611	0.062026	0.161078
PAQR6	15.82584	-0.32927	0.508997	-0.6469	0.517697	NA
PMF1	402.841	-0.21783	0.195554	-1.11389	0.265326	0.429881
SLC25A44	1270.532	-0.29878	0.155034	-1.92718	0.053957	0.145874
LMNA	36654.76	-0.47746	0.153086	-3.11887	0.001815	0.015146
UBQLN4	1380.794	-0.38762	0.13379	-2.89723	0.003765	0.024485
GPATCH4	889.8956	0.466872	0.134593	3.468775	5.23E-04	0.006967
LRRC71	0.803131	-0.76693	2.349822	-0.32638	0.744138	NA
FCRL3	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LRRC56	49.51286	-0.07391	0.325541	-0.22704	0.820394	0.892334
CYB561A3	6378.276	-0.12465	0.139064	-0.89636	0.370061	0.536887
PPP1R32	3.433897	0.80273	1.104518	0.72677	0.467367	NA
ASRGL1	122.7195	0.002002	0.24859	0.008052	0.993576	0.997229
GNG3	1.52677	1.133152	1.652118	0.685878	0.49279	NA
UBXN1	3509.002	-0.14083	0.145496	-0.96796	0.333066	0.501397
C11orf48	623.4995	0.216868	0.183864	1.179502	0.238198	0.401059

TTC9C	617.5598	-0.10822	0.185755	-0.58261	0.560155	0.698472
TAF6L	588.4864	-0.28249	0.179418	-1.57446	0.115382	0.245355
NXF1	1329.881	0.042207	0.153156	0.275579	0.782872	0.867305
STX5	1200.36	-0.20746	0.1691	-1.22682	0.21989	0.379574
CMPK1	2737.263	0.356188	0.144334	2.467803	0.013595	0.057993
BEND5	46.90606	-0.10048	0.324646	-0.3095	0.756942	NA
COA7	490.0465	0.179919	0.167917	1.071478	0.283954	0.450519
ZYG11B	1104.517	0.343214	0.185114	1.854066	0.06373	0.1641
SLC1A7	0.460669	-0.62593	3.398671	-0.18417	0.853882	NA
C1orf123	870.7182	-0.04556	0.133455	-0.34137	0.732821	0.830894
MAGOH	426.9034	0.585083	0.160493	3.64553	2.67E-04	0.004599
ACOT11	29.04059	-0.10977	0.397165	-0.27638	0.782257	NA
FAM151A	0.585114	1.12675	2.73598	0.411827	0.680466	NA
PARS2	225.796	-0.47592	0.217348	-2.18965	0.02855	0.095853
C1orf177	0.096202	0.408546	4.079639	0.100143	0.920231	NA
USP24	1619.465	0.258919	0.159956	1.61869	0.105514	0.2313
PPAP2B	110.1483	0.01109	0.245676	0.045141	0.963995	0.980386
NOL9	449.2494	-0.62873	0.167675	-3.74972	1.77E-04	0.0036
PRKAA2	2.629185	1.279429	1.260852	1.014734	0.310233	NA
KLHL21	4619.354	-0.29931	0.161823	-1.84958	0.064374	0.16522
ZSWIM5	1.791029	-1.75516	1.594408	-1.10082	0.270974	NA
GMEB1	469.1677	-0.42569	0.168308	-2.52923	0.011431	0.051527
SLC45A1	11.71396	0.763097	0.689115	1.107358	0.268139	NA
SEPN1	9618.045	-0.55726	0.126216	-4.41512	1.01E-05	6.32E-04
AK4	329.9011	-0.51336	0.296051	-1.73402	0.082915	0.195915
JAK1	3068.57	-0.14259	0.129586	-1.10038	0.271168	0.436364
RAVER2	453.7733	0.076926	0.196742	0.390997	0.695799	0.80381
CTRC	0.462046	0.589069	3.442439	0.17112	0.86413	NA
LZIC	771.6075	0.350174	0.15588	2.246427	0.024677	0.086963
RBP7	33.34612	0.37164	0.451722	0.822717	0.410669	NA
FBLIM1	442.8711	-0.53558	0.201889	-2.65284	0.007982	0.040559
SLC25A34	20.85167	-0.03599	0.506549	-0.07104	0.943365	NA
AKR7A3	4.001018	-0.03053	1.035836	-0.02948	0.976485	NA
DRAXIN	1.393789	-0.8924	1.663459	-0.53647	0.591633	NA
PDPN	0.517155	2.232561	3.179631	0.702145	0.482589	NA
DHRS3	772.7476	-0.36268	0.315432	-1.14979	0.250231	0.413909
MATN1	2.606035	-0.2512	1.263501	-0.19882	0.842407	NA
LAPTM5	0.902348	0.812045	2.125951	0.381968	0.702485	NA
SDC3	8686.333	-0.4865	0.148554	-3.27488	0.001057	0.010747
PEF1	1714.206	-0.34037	0.12443	-2.73543	0.00623	0.034188
SYNC	1913.76	0.300752	0.154426	1.947544	0.05147	0.141276
RBBP4	2216.453	-0.26374	0.131464	-2.00618	0.044837	0.129393
KIAA1522	1350.657	-0.64413	0.160721	-4.00777	6.13E-05	0.001863
TSSK3	2.572664	-0.5296	1.491849	-0.355	0.722592	NA
TMCO4	619.7007	-0.30529	0.211042	-1.44658	0.148015	0.291096
UBXN10	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
CAMK2N1	368.8922	-0.42482	0.257601	-1.64913	0.099121	0.222006

ALPL	0.700488	-1.9689	2.983028	-0.66003	0.509233	NA
WNT4	42.0672	1.227662	0.5129	2.393571	0.016685	NA
SCNN1D	18.78261	0.257454	0.503224	0.51161	0.608924	NA
MXRA8	24.38134	0.018187	0.546046	0.033306	0.973431	NA
C1orf86	2521.326	-0.2187	0.142855	-1.53093	0.125788	0.260839
MEGF6	29.22879	-0.91081	0.519272	-1.75401	0.079429	NA
CCDC27	0.163957	0.424913	4.079006	0.104171	0.917034	NA
IL23R	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DIRAS3	9.092803	0.292714	0.677059	0.432332	0.6655	NA
C1orf87	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NFIA	119.6879	-0.45166	0.370854	-1.21788	0.22327	0.384105
OMA1	161.7502	0.605012	0.251446	2.406128	0.016123	0.065355
MYSM1	314.9481	1.268713	0.339446	3.737606	1.86E-04	0.003708
TM2D1	682.5092	0.368795	0.16398	2.24902	0.024511	0.086714
USP1	462.834	0.916997	0.208348	4.401284	1.08E-05	6.41E-04
FUBP1	902.1753	0.053091	0.192965	0.275131	0.783215	0.867596
NEXN	17.82072	0.97946	0.809997	1.209214	0.226581	NA
DNAJB4	287.7249	1.051385	0.240825	4.365759	1.27E-05	7.08E-04
ELTD1	244.6992	0.900856	0.19042	4.730896	2.24E-06	2.66E-04
LRRIQ3	33.01778	0.301223	0.439144	0.685932	0.492756	NA
TYW3	610.7059	0.750577	0.210374	3.567825	3.60E-04	0.005535
SNX7	1344.259	0.560758	0.153521	3.652645	2.60E-04	0.004545
B3GALT2	8.006064	-0.52421	0.739137	-0.70922	0.478187	NA
NTNG1	6.345064	-1.32101	1.082531	-1.2203	0.22235	NA
FAM102B	727.3311	0.622023	0.22349	2.783225	0.005382	0.031155
HENMT1	99.96136	0.433294	0.334029	1.297173	0.194572	0.349673
AKNAD1	14.12094	0.16606	0.550287	0.30177	0.762828	NA
C1orf52	393.5923	0.462303	0.199907	2.312591	0.020745	0.07768
WDR63	177.5838	0.827742	0.270103	3.064543	0.00218	0.017115
GBP2	220.1442	0.125877	0.664602	0.189402	0.849778	0.910531
ATXN7L2	140.5869	-0.27106	0.261318	-1.03729	0.299599	0.466435
GBP4	28.55005	-0.53485	0.485715	-1.10115	0.27083	NA
ZNF326	307.4404	0.74714	0.337072	2.216557	0.026653	0.091691
HFM1	2.845442	-0.00832	1.367645	-0.00608	0.995148	NA
GFI1	4.969337	0.333659	0.883308	0.377738	0.705625	NA
KCNT2	1.63207	1.952588	1.715903	1.137936	0.255147	NA
AGL	558.1128	0.782765	0.3417	2.290795	0.021975	0.08078
EXTL2	1338.507	0.35255	0.185151	1.904117	0.056895	0.151187
SLC30A7	622.7807	0.078992	0.19288	0.409541	0.682143	0.792948
ZNF281	342.6238	0.278839	0.248866	1.12044	0.262526	0.426921
ARPC5	4574.642	0.059859	0.135894	0.440485	0.659586	0.775579
CADM3	1962.773	-0.48453	0.250601	-1.93347	0.053178	0.144294
NLRP3	0.452561	2.061505	3.349456	0.615474	0.538241	NA
ZNF496	907.6615	-0.53053	0.136923	-3.87469	1.07E-04	0.002681
TRIM58	4.718578	1.80318	1.166672	1.545576	0.122207	NA
SLAMF9	154.3857	0.164394	0.32568	0.504771	0.61372	0.740094
KCNJ9	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA

IGSF8	4574.616	-0.66598	0.153305	-4.34415	1.40E-05	7.64E-04
DDR2	1102.097	0.276192	0.18284	1.510564	0.1309	0.267383
PEA15	20132.94	0.064581	0.199267	0.324091	0.745869	0.839962
PEX19	1785.992	-0.30324	0.130281	-2.32756	0.019936	0.075556
NCSTN	3512.365	-0.39088	0.12244	-3.19238	0.001411	0.013038
VANGL2	938.6525	-0.46851	0.157111	-2.98201	0.002864	0.020475
OLFML2B	116.028	-0.95663	0.332324	-2.8786	0.003994	0.025436
FCRLB	65.20968	-0.09651	0.281547	-0.34278	0.731764	0.829991
SLC9C2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
KLHDC9	4.027679	0.417834	1.077701	0.387709	0.698232	NA
C1orf74	112.8532	-0.13023	0.220984	-0.58932	0.555647	0.695357
LRRC52	0.35636	1.709252	3.651833	0.468053	0.639746	NA
FLVCR1	203.8403	-0.14183	0.198117	-0.71589	0.474057	0.629544
ATF3	848.0191	0.004451	0.304993	0.014592	0.988358	0.994219
RBM15	233.934	0.163917	0.185639	0.882985	0.377245	0.543869
DENND2D	84.01853	-0.34143	0.350717	-0.97353	0.33029	0.498547
AXDND1	2.823169	1.434326	1.261875	1.136663	0.255679	NA
TDRD5	0.712719	2.707521	2.836859	0.954408	0.339877	NA
IER5	1858.56	-0.55192	0.220736	-2.50038	0.012406	0.054553
BPNT1	1503.67	0.080791	0.143447	0.563212	0.573291	0.70921
SPATA17	8.420374	1.258089	0.743779	1.691482	0.090745	NA
C1orf115	66.892	-0.05156	0.285346	-0.18069	0.856612	0.914811
BROX	876.1069	0.369806	0.206079	1.794491	0.072735	0.179416
ACP6	438.0736	-0.12399	0.179051	-0.69247	0.488639	0.641437
WDR64	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
KIF26B	557.1586	-1.22346	0.304563	-4.01709	5.89E-05	0.0018
TFB2M	457.8926	0.310069	0.190751	1.625515	0.104053	0.229156
CNST	832.0883	0.454849	0.192903	2.357918	0.018378	0.071385
KLHDC8A	2.495138	0.554089	1.487489	0.372499	0.709521	NA
PM20D1	2.066076	0.869491	1.629363	0.533639	0.593591	NA
B3GALNT2	284.0165	0.339215	0.178069	1.904967	0.056784	0.151046
C1orf147	3.113685	0.506547	1.169058	0.433295	0.664801	NA
MAPKAPK2	3307.13	-0.20431	0.182531	-1.11931	0.263009	0.42747
IL20	0.75318	-2.10401	2.55086	-0.82482	0.409472	NA
IL24	5951.555	0.043823	0.246351	0.177889	0.85881	0.916352
FAIM3	3956.192	0.036045	0.16874	0.213612	0.83085	0.898124
PIGR	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
CAPN2	9571.569	-0.07949	0.155023	-0.51276	0.608122	0.735387
MRPL55	521.3778	-0.04602	0.158796	-0.28981	0.771963	0.858857
C1orf145	2.105562	1.288309	1.646982	0.782225	0.434083	NA
WDR26	3655.481	-0.06754	0.139407	-0.48451	0.628023	0.75045
TRIM17	18.44928	-0.11527	0.49848	-0.23124	0.81713	NA
DISC1	992.5471	-0.41662	0.151204	-2.75534	0.005863	0.032879
H3F3A	341.6773	0.081368	0.158131	0.514559	0.606861	0.734751
ADCK3	1020.353	-0.40689	0.167182	-2.43382	0.01494	0.061822
OTUD7B	3199.513	-0.31414	0.136286	-2.30504	0.021164	0.07868
RPRD2	718.3124	-0.4163	0.166122	-2.50596	0.012212	0.05404

CTSS	543.6593	0.329944	0.185359	1.78003	0.075071	0.182994
BNIPL	3.678218	0.629948	1.213706	0.519028	0.603741	NA
TNFAIP8L2	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
LYSMD1	275.4599	-0.23702	0.183421	-1.29221	0.196286	0.351718
SCNM1	1147.499	0.121043	0.14225	0.850919	0.394814	0.559494
VPS72	1344.11	-0.19039	0.15807	-1.20446	0.22841	0.390061
S100A11	10841.12	0.017121	0.136053	0.125837	0.899861	0.941392
SPRR2D	0.192403	0.975392	4.060716	0.240202	0.810174	NA
S100A9	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TDRD10	0.260158	1.240347	4.047124	0.306476	0.759242	NA
C1orf189	0.748867	2.740193	2.468928	1.109871	0.267054	NA
PMVK	1311.15	-0.18945	0.154528	-1.226	0.220197	0.379921
PBXIP1	5047.385	-0.39434	0.161618	-2.43997	0.014688	0.061041
PYGO2	1303.145	-0.38891	0.165638	-2.34795	0.018877	0.072659
HIPK1	1532.81	-0.08608	0.138788	-0.62025	0.53509	0.678307
LENEP	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
DCST2	1.335911	1.000206	1.953834	0.51192	0.608707	NA
DCST1	2.518306	0.259631	1.443686	0.179839	0.857279	NA
C1orf106	9.40638	-0.34769	0.691602	-0.50273	0.615154	NA
YY1AP1	601.2106	-0.2457	0.166353	-1.47699	0.139677	0.279803
APOA1BP	3356.626	-0.21263	0.122879	-1.73041	0.083557	0.196933
NBPF10	189.8489	0.393081	0.353934	1.110604	0.266739	0.431639
SLC22A15	178.8708	0.524823	0.20124	2.607943	0.009109	0.044401
ATP1A1	55460.57	-0.42401	0.254477	-1.66622	0.09567	0.216537
LMOD1	48.33969	-0.22568	0.453292	-0.49787	0.618573	0.743278
ELF3	1.238368	0.11839	1.910502	0.061968	0.950588	NA
TMEM183A	742.7804	0.085332	0.16954	0.503316	0.614742	0.740853
TRIM46	118.5208	0.120193	0.224528	0.535315	0.592432	0.7233
KRTCAP2	1581.679	-0.12098	0.174206	-0.69446	0.487391	0.64041
TSACC	10.45512	0.662306	0.624378	1.060746	0.288805	NA
CCT3	10475.11	-0.07121	0.128176	-0.55556	0.578514	0.71305
TMEM79	129.7886	-0.42062	0.223415	-1.88266	0.059746	0.156909
SSR2	4060.987	-0.1227	0.131538	-0.93281	0.35092	0.518852
ADORA1	15.28882	-0.464	0.511661	-0.90684	0.364491	NA
SRGAP2	1875.177	-0.36982	0.144991	-2.55065	0.010752	0.049294
NFASC	41.61412	-0.49691	0.481627	-1.03173	0.3022	NA
NUAK2	8.548466	-0.86026	0.717139	-1.19958	0.230303	NA
SPTA1	19.64572	1.062922	0.535179	1.986105	0.047022	NA
MNDA	1.915931	3.081113	1.977775	1.557868	0.119265	NA
PYHIN1	72.4785	-0.69617	0.432548	-1.60946	0.107515	0.233955
IFI16	4664.848	0.256086	0.258166	0.991947	0.321224	0.489411
AIM2	1.431763	2.610478	1.858973	1.404258	0.160242	NA
SMIM12	1392.949	-0.15919	0.144197	-1.104	0.269593	0.434302
ZMYM6	330.9785	0.785818	0.228804	3.434463	5.94E-04	0.007528
GRIK3	30.11261	-0.49726	0.514482	-0.96652	0.333784	NA
ZC3H12A	77.8403	-0.08066	0.25663	-0.31432	0.75328	0.845894
MEAF6	1074.325	0.270848	0.131691	2.056697	0.039715	0.119833

SNIP1	355.9428	-0.1176	0.184713	-0.63666	0.524347	0.670347
DNALI1	162.4773	-0.28147	0.194462	-1.44745	0.14777	0.290937
HEYL	12.70978	-0.20295	0.615955	-0.32949	0.741782	NA
EXO5	148.1009	-0.01471	0.215	-0.06842	0.945451	0.969593
CLDN19	0.163957	0.424913	4.079006	0.104171	0.917034	NA
C1orf50	199.2476	-0.03182	0.195265	-0.16298	0.870535	0.923107
ERMAP	235.2514	-0.30309	0.229481	-1.32076	0.186582	0.340716
ZNF691	175.7128	-0.13103	0.199901	-0.65548	0.512158	0.65973
ARMC3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
OTUD1	388.309	-0.01047	0.183937	-0.0569	0.954622	0.974998
ARHGAP12	831.752	0.94642	0.222867	4.246574	2.17E-05	9.60E-04
HECTD2	122.4176	1.024526	0.290376	3.528281	4.18E-04	0.006122
ZNF488	0.824933	-0.18668	2.233587	-0.08358	0.933393	NA
8-Mar	632.0569	-0.24965	0.154182	-1.61918	0.105409	0.231198
ZCCHC24	2753.739	-0.49188	0.155496	-3.16331	0.00156	0.013873
PHYHIPL	0.861641	-0.2592	2.180811	-0.11885	0.90539	NA
SLC16A9	0.47803	0.520083	2.97881	0.174594	0.861399	NA
MBL2	1.599821	-1.04115	1.538529	-0.67672	0.498586	NA
REEP3	2178.098	0.828874	0.203252	4.078068	4.54E-05	0.001556
C10orf10	59.48175	0.002702	0.494929	0.005459	0.995644	0.997917
C10orf25	12.97946	0.44744	0.596205	0.75048	0.452966	NA
ZNF22	157.0752	0.592916	0.301873	1.964125	0.049516	0.137692
AKR1E2	35.53611	-0.21385	0.423143	-0.50539	0.613282	NA
NUDT5	1207.648	0.064223	0.153153	0.419342	0.674967	0.787316
BEND7	76.60939	0.267148	0.282317	0.946273	0.344009	0.512167
ATP5C1	5567.335	0.274959	0.131717	2.0875	0.036843	0.113773
PRPF18	95.56668	0.786353	0.26254	2.995171	0.002743	0.019974
TAF3	339.3267	0.304596	0.269794	1.128992	0.258901	0.423177
VDAC2	1905.306	-0.00294	0.165285	-0.01777	0.985819	0.992517
COMTD1	465.5924	-0.16474	0.165883	-0.99308	0.32067	0.488882
SLC18A2	63.00721	0.481896	0.337535	1.427693	0.15338	0.298135
PDZD8	859.2601	0.541373	0.216189	2.504161	0.012274	0.054213
ZNF503	1198.408	-0.23471	0.155227	-1.51205	0.130522	0.26704
FAM175B	466.4923	0.60138	0.177849	3.381413	7.21E-04	0.008464
FAM204A	596.6111	0.866117	0.183455	4.721128	2.35E-06	2.67E-04
PRDX3	4419.357	0.186077	0.14217	1.308836	0.19059	0.344953
GHITM	6673.449	0.260582	0.131296	1.984686	0.047179	0.133679
STOX1	1.973773	1.114095	1.6015	0.695657	0.486644	NA
RET	4.609926	-0.54331	1.084162	-0.50114	0.616274	NA
DDX21	1983.273	0.710176	0.185191	3.834832	1.26E-04	0.002961
BMS1	930.4146	0.595191	0.215689	2.759489	0.005789	0.032619
STK32C	662.208	-0.18277	0.17779	-1.028	0.303951	0.471148
KIAA1462	7.05429	1.469205	0.902171	1.628521	0.103414	NA
CASP7	415.4698	0.229408	0.186567	1.229632	0.218835	0.378502
C10orf118	136.7667	1.44672	0.926898	1.56082	0.118566	0.249961
VWA2	0.86916	0.686589	2.213986	0.310114	0.756474	NA
PRAP1	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA

TRUB1	655.1851	0.466496	0.192475	2.42367	0.015365	0.062996
C10orf82	2.600456	-0.74513	1.242329	-0.59978	0.548652	NA
HSPA12A	3166.108	-0.31855	0.200223	-1.59096	0.111619	0.239791
FAM35BP	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FRAT1	191.5294	-0.30043	0.23915	-1.25623	0.209034	0.366643
UBTD1	2158.068	-0.07621	0.164349	-0.46371	0.642857	0.762412
ANKRD2	1.159142	2.191644	1.992053	1.100194	0.271248	NA
PACSIN3	1330.873	-0.1179	0.155932	-0.75608	0.449599	0.609046
SLC39A13	3622.396	-0.21828	0.135514	-1.61074	0.107237	0.233736
PSMC3	3705.681	-0.06229	0.144976	-0.42967	0.667437	0.781864
RAPSN	1.448132	0.963259	1.699702	0.566722	0.570903	NA
AGBL2	6.664764	-0.35887	0.810746	-0.44264	0.658027	NA
NELL1	19.90572	-0.96585	0.662691	-1.45747	0.144986	NA
PTER	326.6116	0.674033	0.181241	3.718985	2.00E-04	0.003868
C1QL3	11.12619	1.243588	0.634183	1.96093	0.049887	NA
CACNB2	11.20144	0.31172	0.813154	0.383347	0.701462	NA
PTPLA	1406.749	-0.11779	0.20444	-0.57614	0.56452	0.702244
ARL5B	270.2812	0.882059	0.275089	3.206443	0.001344	0.012564
TRIM51HP	0.35636	1.709252	3.651833	0.468053	0.639746	NA
ABTB2	625.2338	-0.69786	0.194167	-3.59411	3.25E-04	0.005188
R3HCC1L	589.5609	0.404358	0.171601	2.356377	0.018454	0.071588
HTRA1	4362.129	-0.24474	0.164416	-1.48852	0.136613	0.275639
HIF1AN	1626.23	-0.29542	0.137192	-2.1533	0.031295	0.102008
NDUFB8	463.9592	0.117609	0.149442	0.786989	0.431288	0.592665
BTRC	739.1406	-0.19564	0.141392	-1.38371	0.166449	0.31572
POLL	462.1721	-0.30248	0.153463	-1.97104	0.048719	0.136411
DPCD	452.0288	0.062258	0.221905	0.280562	0.779047	0.864433
API5	1979.397	0.408289	0.158414	2.577359	0.009956	0.047051
HPS6	1012.121	-0.37364	0.134993	-2.76788	0.005642	0.032127
NOLC1	2715.721	0.011328	0.1493	0.075871	0.939522	0.966423
ALKBH3	550.2086	-0.10311	0.182558	-0.56479	0.572219	0.708254
SGPL1	1256.522	-0.63586	0.160692	-3.95699	7.59E-05	0.002147
PCBD1	832.4119	-0.25209	0.162849	-1.54803	0.121615	0.254591
WBP1L	1699.566	-0.29429	0.165742	-1.77558	0.075802	0.184259
C10orf32	629.6144	0.62369	0.161842	3.853704	1.16E-04	0.002815
ANAPC16	1271.145	0.063464	0.134347	0.472391	0.636648	0.757473
SMPD1	3797.05	-0.44018	0.124868	-3.52517	4.23E-04	0.006131
APBB1	3138.534	-0.41362	0.134362	-3.07839	0.002081	0.016597
SYNPO2L	1.265234	0.20438	1.735412	0.11777	0.90625	NA
NUDT13	69.73631	0.561685	0.303668	1.849667	0.064362	0.16522
TRIM44	1930.053	0.148072	0.126072	1.174504	0.240193	0.403355
ILK	21.56117	-0.4553	0.45558	-0.99939	0.317604	NA
TAF10	2381.181	-0.10489	0.145722	-0.71979	0.471657	0.627552
TPP1	7996.695	-0.641	0.150874	-4.24858	2.15E-05	9.60E-04
DCHS1	382.7907	-0.74583	0.190494	-3.91523	9.03E-05	0.002389
MSS51	12.73064	0.252389	0.64739	0.389856	0.696643	NA
USP54	1220.96	-0.68196	0.136739	-4.9873	6.12E-07	1.17E-04

RAG1	93.85154	0.203443	0.253046	0.803975	0.421411	0.584035
C11orf74	285.4709	0.577823	0.18526	3.118976	0.001815	0.015146
PPFIBP2	1166.401	-0.19991	0.167372	-1.19443	0.23231	0.394566
CYB5R2	313.0965	-0.12652	0.183928	-0.68788	0.491528	0.643306
TUB	279.2415	-0.10146	0.192989	-0.52572	0.599084	0.728649
RIC3	0.834592	0.684312	2.202411	0.31071	0.756021	NA
LMO1	4.535118	0.466124	0.962343	0.484363	0.628128	NA
TRIM66	93.94327	-0.26643	0.283932	-0.93836	0.348058	0.51605
RPL27A	18993.16	0.216282	0.138496	1.561648	0.118371	0.24974
ST5	3155.891	-0.55863	0.144699	-3.86063	1.13E-04	0.002776
AKIP1	755.9424	-0.06347	0.149823	-0.42362	0.671844	0.785165
TMEM41B	400.7442	0.454441	0.183686	2.474013	0.01336	0.05747
ZNF143	348.341	0.588656	0.185934	3.165942	0.001546	0.013793
WEE1	420.6048	-0.13114	0.203119	-0.64564	0.518514	0.665474
FAM86GP	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA
NDST2	542.6405	-0.32789	0.15761	-2.08036	0.037492	0.115058
PLEKHA7	638.2381	0.768414	0.312415	2.459592	0.01391	0.058918
SAAL1	578.9368	0.229071	0.154186	1.485676	0.137365	0.276573
YPEL4	84.3818	-0.57193	0.259621	-2.20295	0.027598	0.093918
LDHC	75.71829	-0.113	0.333764	-0.33856	0.734943	0.832209
LDHAL6A	2.297063	-0.38665	1.314651	-0.29411	0.768675	NA
FAM111A	793.4508	0.494334	0.192719	2.565049	0.010316	0.048042
NAV2	1933.051	-0.61222	0.220568	-2.77564	0.005509	0.031705
GLYATL1	2.088502	1.209743	1.495322	0.809018	0.418505	NA
PATL1	1570.589	-0.35304	0.136626	-2.58395	0.009768	0.046467
STX3	3742.797	-0.03458	0.168917	-0.20474	0.837776	0.902976
MRPL16	1149.343	0.157246	0.17146	0.917103	0.359089	0.526345
MS4A7	101.547	0.778952	0.281351	2.768614	0.00563	0.032101
MS4A14	6.21497	2.250883	1.202412	1.871973	0.06121	NA
IGF2	0.873901	0.695147	2.212014	0.31426	0.753324	NA
ART5	5.59545	0.260272	0.885373	0.293969	0.768781	NA
STIM1	2170.782	-0.33356	0.152886	-2.18178	0.029126	0.097017
RRM1	1403.49	0.128613	0.16266	0.790683	0.429129	0.590656
OR51E2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TRIM68	498.9736	-0.26104	0.152478	-1.71199	0.086898	0.202353
SDHAF2	303.7072	-0.18887	0.185142	-1.02011	0.307675	0.474933
DDB1	14146.92	-0.33765	0.132543	-2.54747	0.010851	0.049628
VPS37C	913.0536	-0.51057	0.147861	-3.45303	5.54E-04	0.007206
VWCE	13.74387	0.486053	0.584975	0.830895	0.406033	NA
RAB3IL1	656.7248	-0.28761	0.163051	-1.7639	0.077749	0.187683
BEST1	1407.728	-0.07618	0.177831	-0.42839	0.668369	0.782261
FTH1	34941.9	-0.18025	0.143966	-1.252	0.21057	0.368427
BSCL2	137.0091	-0.34868	0.260102	-1.34055	0.180068	0.332612
POLR2G	1354.882	-0.10498	0.1468	-0.71514	0.474524	0.629784
RAB4A	900.452	0.31948	0.153748	2.077951	0.037714	0.11547
RNF187	5675.672	-0.15698	0.127399	-1.23219	0.217878	0.377341
DDIT4	3278.144	-0.29677	0.159086	-1.86547	0.062115	0.161274

GNG4	6.533293	0.731516	0.81988	0.892224	0.372273	NA
IRF2BP2	1349.35	-0.30111	0.206885	-1.45543	0.145551	0.287692
COA6	747.2282	0.52746	0.170226	3.098593	0.001944	0.015854
BMI1	837.7029	0.577314	0.174286	3.312449	9.25E-04	0.009851
MFSD2A	89.74612	-0.06429	0.265593	-0.24207	0.808726	0.88584
FEN1	1566.73	-0.11998	0.192842	-0.62216	0.533839	0.677587
SERINC2	379.1607	-0.0293	0.184577	-0.15873	0.873879	0.924986
TMEM223	486.0765	-0.0558	0.146625	-0.38058	0.703513	0.809566
NBPF9	120.8814	-0.09108	0.259951	-0.35038	0.726056	0.826046
NDUFS5	4630.381	0.332798	0.131909	2.522927	0.011638	0.052222
SLC16A4	405.42	0.177551	0.253512	0.700366	0.483699	0.637354
AHCYL1	4928.83	-0.1731	0.135455	-1.27796	0.201265	0.357599
GSTM4	945.9095	-0.41979	0.161797	-2.59457	0.009471	0.045531
ARMC4	1.28379	2.393551	1.949457	1.227804	0.219521	NA
AFAP1L2	537.5447	-0.10889	0.203311	-0.53558	0.592247	0.7233
PCSK9	38.17485	-0.00337	0.418102	-0.00805	0.993575	NA
RAB3B	28.08211	-0.93245	0.51135	-1.82351	0.068226	NA
RSPO1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GCSAML	0.096202	0.408546	4.079639	0.100143	0.920231	NA
THBS3	206.6414	-0.34471	0.181715	-1.897	0.057827	0.153057
SLC50A1	950.3255	-0.20223	0.181827	-1.11223	0.266038	0.4308
EFNA1	61.31644	-0.04387	0.351419	-0.12484	0.900652	0.941822
SHE	12.94622	1.908918	0.712713	2.678383	0.007398	NA
PTAFR	1.256924	2.336092	1.930733	1.209951	0.226298	NA
NPR1	4.160617	-0.14911	1.118834	-0.13327	0.893977	NA
CLIC4	7410.339	0.393897	0.189207	2.081833	0.037358	0.114765
METTL15	190.279	0.533444	0.256559	2.079224	0.037597	0.11523
DFFB	127.1413	-0.11201	0.21622	-0.51805	0.604423	0.732942
LUZP1	1633.35	0.253077	0.134924	1.875704	0.060696	0.158526
ZNF32	667.0735	0.12359	0.178148	0.693745	0.487842	0.640674
HNRNPF	4802.006	-0.03123	0.116161	-0.26889	0.788018	0.871362
CSGALNAC	381.1939	0.779893	0.20443	3.814967	1.36E-04	0.003063
CALML6	1.369137	0.32666	1.894165	0.172456	0.863079	NA
TOR1AIP2	1180.616	0.175981	0.172917	1.017721	0.30881	0.476128
OTUD3	163.6318	0.63491	0.269099	2.359396	0.018305	0.071125
TAS1R3	11.92187	-0.40638	0.621185	-0.6542	0.512984	NA
PUSL1	326.3913	-0.08813	0.206503	-0.42676	0.669556	0.78334
IFFO2	442.194	-0.11234	0.203481	-0.5521	0.580879	0.714667
GPR37L1	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
USP47	946.5989	0.62447	0.328597	1.900414	0.057379	0.152074
CDK1	1081.003	0.461313	0.21182	2.177855	0.029417	0.097713
EMX2	0.586491	2.39072	2.689057	0.889055	0.373973	NA
SLC30A1	433.3919	0.485294	0.177115	2.739986	0.006144	0.03389
MGMT	814.5007	-0.1842	0.16825	-1.09478	0.273612	0.439461
PFKFB3	1925.168	-0.13604	0.207508	-0.65557	0.512103	0.65973
SYT9	0.288605	1.443619	4.029058	0.358302	0.720117	NA
KIF5B	2931.471	0.886829	0.612837	1.447088	0.147872	0.291007

OR10A4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DNAJC24	210.2739	0.681967	0.297913	2.289153	0.02207	0.081
PRKCDBP	5145.796	-0.14653	0.167939	-0.8725	0.382936	0.548882
DCDC1	0.915759	-1.79003	2.342046	-0.7643	0.444687	NA
S1PR1	23.16456	-0.07114	0.479351	-0.14841	0.882016	NA
MORN4	212.0405	-0.43107	0.200424	-2.15077	0.031494	0.102545
ZNF672	1029.132	-0.37119	0.146494	-2.53382	0.011283	0.051071
ZNF692	291.0407	0.477103	0.195428	2.441323	0.014634	0.060862
TRIM8	1896.572	-0.18275	0.165203	-1.10619	0.268645	0.433599
C10orf35	2.310757	0.560693	1.288184	0.435259	0.663375	NA
ZDHHC16	1976.094	-0.27082	0.17451	-1.5519	0.120687	0.25305
EXOSC1	799.8538	0.114045	0.165975	0.687117	0.492009	0.643509
PGAM1	2889.518	-0.08503	0.132949	-0.63959	0.522441	0.668705
LURAP1	176.6141	-0.3044	0.225938	-1.34729	0.177888	0.330231
KCND3	15.02461	1.600934	0.813639	1.967624	0.049111	NA
LRRC8C	542.1801	0.098277	0.215877	0.455244	0.648934	0.76701
LRRC8D	919.9994	-0.25938	0.191897	-1.35168	0.176477	0.328797
COL24A1	19.68969	-0.24571	0.842707	-0.29157	0.770612	NA
LPAR3	32.90902	-0.18459	0.41517	-0.4446	0.656605	NA
CLSTN1	9502.388	-0.46035	0.158953	-2.89611	0.003778	0.024529
PIK3CD	3996.051	-0.50618	0.154009	-3.28672	0.001014	0.010449
SLC25A33	331.0315	-0.13468	0.217335	-0.61968	0.535467	0.678563
SPSB1	2516.847	-0.49165	0.155804	-3.15554	0.001602	0.014125
PLEKHG5	183.4814	-0.06659	0.270348	-0.24631	0.80544	0.883628
ANO5	306.9938	0.772483	0.192024	4.022843	5.75E-05	0.001791
TMEM51	607.8277	-0.67995	0.225819	-3.01104	0.002604	0.019343
CAMTA1	1599.527	0.155298	0.16401	0.946881	0.3437	0.511904
NHLH1	3.366467	-0.09369	1.212209	-0.07729	0.938395	NA
SLFNL1	4.269613	-0.81605	0.956627	-0.85305	0.393632	NA
CTPS1	1114.116	-0.1185	0.15869	-0.74677	0.455203	0.614138
KNDC1	8.031159	0.656648	0.714575	0.918934	0.35813	NA
METTL18	105.3133	0.792392	0.278944	2.840688	0.004502	0.027466
TTC40	35.65064	0.288741	0.385386	0.749226	0.453721	NA
COL8A2	6.4213	-0.61136	0.863691	-0.70784	0.479042	NA
PWWP2B	892.5777	-0.25665	0.134251	-1.91175	0.055908	0.149547
ANGPTL7	352.4162	1.120277	0.761269	1.471591	0.141131	0.281685
EXOSC10	1909.378	-0.2009	0.131806	-1.52424	0.12745	0.263318
PTEN	1746.123	0.20644	0.256212	0.805738	0.420394	0.583153
KLF17	0.804566	0.545894	2.033578	0.26844	0.78836	NA
SRGAP2C	65.83458	0.42069	0.306016	1.374735	0.169214	0.319584
PPIH	664.1955	0.150861	0.156147	0.966145	0.333972	0.502504
JMJD1C	654.8471	0.918631	0.32442	2.831611	0.004631	0.027999
EPHX4	1.618376	0.649083	1.559215	0.416288	0.677199	NA
C1QTNF4	1.459963	-0.77351	1.658727	-0.46633	0.64098	NA
NEGR1	38.44071	0.840616	0.376182	2.234599	0.025444	NA
ALG14	355.559	0.214784	0.182453	1.177203	0.239115	0.402358
OR5B12	0.163957	0.424913	4.079006	0.104171	0.917034	NA

GNG12	7317.86	0.168718	0.148565	1.135649	0.256103	0.42028
CLP1	575.081	0.05675	0.172241	0.329483	0.74179	0.837188
INSL5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FGGY	212.4056	-0.10595	0.189555	-0.55892	0.576217	0.711346
CHCHD1	929.4783	0.071708	0.146544	0.489327	0.62461	0.748409
AGAP5	0.638825	1.117948	3.106359	0.35989	0.718929	NA
FAM21C	677.5293	0.268212	0.145259	1.846441	0.064828	0.165956
ZFAND4	81.45562	0.506843	0.268681	1.886411	0.05924	0.155821
LRRC20	137.0414	-0.69483	0.236061	-2.94345	0.003246	0.022307
	1.037858	1.046985	2.132048	0.49107	0.623377	NA
HPSE2	40.82952	-0.38746	0.374235	-1.03533	0.300517	NA
C10orf131	2.626439	1.61026	1.352553	1.190533	0.233837	NA
HSPA6	51.17383	-1.37474	0.339093	-4.05416	5.03E-05	0.001652
NOC3L	362.6109	1.003713	0.321111	3.125754	0.001773	0.014986
MTX1	653.9545	-0.19242	0.175996	-1.09333	0.274247	0.439886
CKS1B	745.7955	-0.17793	0.25527	-0.69703	0.485782	0.639244
MAB21L3	0.518736	2.237423	2.7713	0.807355	0.419462	NA
VANGL1	1443.817	-0.43542	0.141692	-3.07299	0.002119	0.016804
SNCG	0.585114	1.12675	2.73598	0.411827	0.680466	NA
MMRN2	2.415212	-0.54696	1.283125	-0.42627	0.669912	NA
DAB1	5.226698	0.599426	1.07565	0.557269	0.577344	NA
ARV1	681.6651	0.133759	0.156962	0.852178	0.394115	0.55888
SAA1	2.827416	-1.13972	1.314006	-0.86736	0.385742	NA
MINOS1	2904.374	-0.08584	0.168199	-0.51037	0.609795	0.736838
NMNAT1	486.2059	0.044587	0.191332	0.233035	0.815734	0.889858
APOBEC4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
HSPB7	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
UQCRH	4316.803	0.364577	0.14278	2.553421	0.010667	0.049123
TAS1R1	1.493931	-0.17651	1.55812	-0.11328	0.909808	NA
HES3	0.956409	-1.29092	2.212928	-0.58335	0.559655	NA
TOMM20	4870.448	0.181128	0.1592	1.13774	0.255229	0.419495
C1orf100	1.005865	3.174325	2.260631	1.404176	0.160266	NA
PLK3	437.0649	0.043684	0.192605	0.226805	0.820576	0.892334
NET1	678.8474	0.571556	0.205573	2.780303	0.005431	0.031364
TUBB8	1.017482	-0.71858	2.105405	-0.3413	0.732874	NA
USMG5	3000.39	0.39565	0.168282	2.351117	0.018717	0.072265
PIFO	44.72523	0.058316	0.374578	0.155685	0.876281	NA
GNG5	2633.938	0.071181	0.141914	0.501578	0.615964	0.742024
CD34	10.86108	0.19727	0.65014	0.303428	0.761564	NA
CYB561D1	711.4824	-0.36066	0.168254	-2.14356	0.032068	0.103843
AGAP8	2.562176	0.329363	1.283314	0.25665	0.797449	NA
FAM21D	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PHLDA3	5790.5	-0.01974	0.205236	-0.09617	0.923384	0.955878
GLIS1	4.575678	0.974457	0.958561	1.016582	0.309352	NA
PODN	7.790982	0.726191	0.737564	0.98458	0.32483	NA
EXO1	297.0712	0.304619	0.238376	1.277893	0.201287	0.357599
MFSD4	18.92454	0.073155	0.486295	0.150433	0.880423	NA

TMEM81	36.1864	0.297961	0.368241	0.809147	0.418431	NA
GOLT1A	0.260158	1.240347	4.047124	0.306476	0.759242	NA
AKIRIN1	2158.296	0.153632	0.149943	1.0246	0.305552	0.472703
ANGEL2	540.3953	0.252359	0.179936	1.402498	0.160767	0.308346
BRSK2	86.62832	0.373105	0.413634	0.902017	0.367048	0.534236
FGFBP3	22.79718	0.095428	0.514632	0.18543	0.852892	NA
HRAS	1585.371	0.059303	0.175544	0.337824	0.735496	0.832559
PDZK1	1.591567	0.691343	1.560782	0.442947	0.657804	NA
GLMN	115.7059	1.03728	0.292505	3.546191	3.91E-04	0.005836
NLRP6	0.163957	0.424913	4.079006	0.104171	0.917034	NA
OR9G1	4.976811	-0.37693	0.883267	-0.42674	0.669569	NA
PTDSS2	1901.397	-0.16225	0.130703	-1.24139	0.214463	0.373452
CTBP2	1669.555	0.041064	0.131703	0.31179	0.7552	0.84717
PDIK1L	93.87062	0.72922	0.282185	2.584193	0.009761	0.046452
RAG2	0.520316	2.239969	3.173769	0.705776	0.480328	NA
TRAF6	320.7892	0.078492	0.169622	0.462744	0.643548	0.762832
MARCKSL1	15473.39	-0.43862	0.137686	-3.18565	0.001444	0.013252
SH3BP5L	1459.743	-0.31009	0.148141	-2.0932	0.036332	0.112722
TMEM51-A	1.082076	-0.5518	2.085766	-0.26455	0.791353	NA
NPPA	1.525336	0.472832	1.602087	0.295135	0.767891	NA
ZNF408	388.7429	-0.21823	0.208934	-1.04447	0.296267	0.463602
CKAP5	3703.429	-0.16067	0.13378	-1.20102	0.229744	0.39183
ARHGAP1	2467.312	-0.6076	0.127395	-4.76941	1.85E-06	2.33E-04
ATG13	2947.191	-0.21935	0.146218	-1.50017	0.133571	0.271237
C1orf127	3.962703	-0.05378	1.122624	-0.04791	0.961789	NA
CHST1	2.255639	1.459338	1.534785	0.950842	0.341685	NA
TP53I11	242.4185	-0.58733	0.27115	-2.16609	0.030305	0.099795
APITD1	212.6455	0.182288	0.198589	0.917916	0.358663	0.525906
TMEM9B	1794.585	0.097208	0.151929	0.639826	0.522286	0.66865
NRIP3	1029.548	-0.53357	0.167027	-3.19449	0.001401	0.012963
SCUBE2	2777.263	-0.14302	0.178008	-0.80345	0.421714	0.584317
EIF3F	3526.436	-0.11409	0.14287	-0.79859	0.424528	0.586587
ZNF25	273.7047	1.06597	0.277202	3.845464	1.20E-04	0.002893
PPP2R2D	942.5589	0.181753	0.14818	1.226574	0.219983	0.379661
UBQLNL	0.918331	0.764804	2.118268	0.361052	0.718061	NA
UBQLN3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PNLIP	0.163957	0.424913	4.079006	0.104171	0.917034	NA
AURKAIP1	3620.48	-0.02053	0.159452	-0.12874	0.897561	0.939815
SFN	1.6974	-0.35191	1.528515	-0.23023	0.817912	NA
CALCB	0.354779	1.703954	3.657232	0.465914	0.641277	NA
DENND2C	62.71436	0.171816	0.312442	0.549912	0.58238	0.715905
B3GALT6	1201.233	-0.24334	0.135912	-1.79042	0.073387	0.18061
C11orf16	1.284176	0.715001	1.74187	0.410479	0.681455	NA
CSTF3	480.7937	0.118293	0.196208	0.602897	0.546577	0.688082
TCP11L1	426.2896	-0.11074	0.158867	-0.69708	0.485756	0.639244
BNIP3	986.2079	0.373931	0.153927	2.429278	0.015129	0.062427
C10orf111	2.327386	-0.35638	1.354737	-0.26306	0.792501	NA

ACBD7	7.871062	-0.56971	0.801656	-0.71067	0.477288	NA
ZBTB8OS	444.5395	0.624578	0.166411	3.75322	1.75E-04	0.003558
SLC35G1	695.8105	0.310801	0.199565	1.557393	0.119377	0.251237
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNPEP	2584.224	-0.3801	0.142359	-2.67001	0.007585	0.039355
CLK2	489.3756	-0.02741	0.163113	-0.16805	0.866543	0.920772
DMBT1P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
BDNF	166.5819	0.412919	0.74442	0.554685	0.57911	0.713515
OR10AB1P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00303	1.373421	-0.39644	1.899148	-0.20875	0.834645	NA
TCERG1L	72.35578	1.038451	0.372953	2.784402	0.005363	0.031088
FIBIN	0.548763	2.343695	3.135478	0.747476	0.454776	NA
SEC24C	4123.043	-0.51759	0.12852	-4.0273	5.64E-05	0.001779
MTHFR	903.7463	-0.57696	0.165576	-3.48454	4.93E-04	0.006739
DEAF1	2200.071	-0.17423	0.140159	-1.24305	0.213848	0.372655
TMEM80	371.1999	-0.2873	0.173727	-1.65373	0.098183	0.220574
ZDHHC13	387.6857	0.550821	0.189464	2.907253	0.003646	0.024068
RHOG	1255.19	-0.24602	0.15669	-1.57012	0.116388	0.246693
EPS8L2	1333.256	-0.37055	0.200974	-1.84376	0.065219	0.166489
MRVI1-AS1	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
NUDT4P1	1.331206	0.831477	1.740564	0.477705	0.63286	NA
TALDO1	9046.257	-0.13468	0.167429	-0.8044	0.421168	0.583902
NAP1L4P1	10.84016	0.532429	0.63469	0.83888	0.401537	NA
RIMKLA	1.970021	0.196592	1.679275	0.11707	0.906805	NA
PDDC1	2226.119	-0.42148	0.169098	-2.49251	0.012684	0.055427
C10orf85	8.789895	0.890326	0.767104	1.160634	0.245791	NA
	8.535338	-0.03179	0.705405	-0.04507	0.964055	NA
FZD8	101.1853	-0.72494	0.268624	-2.69872	0.006961	0.037018
GJD4	0.862836	1.736629	2.194323	0.791419	0.4287	NA
KCNA2	116.3617	-0.32193	0.316916	-1.01582	0.309715	0.476976
LRRN4CL	482.6181	-0.77614	0.217895	-3.56199	3.68E-04	0.005587
CBX3P1	0.682693	2.623213	2.518338	1.041645	0.297576	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SLC25A22	564.377	-0.0874	0.181077	-0.48268	0.629324	0.751777
NHLH2	0.604258	1.087325	2.707696	0.401568	0.688002	NA
PIDD	408.1951	-0.28261	0.172983	-1.63372	0.102318	0.226383
RPLP2	14492.18	-0.09442	0.155278	-0.60804	0.543161	0.685164
JUN	3930.54	0.239225	0.337388	0.70905	0.478294	0.633185
CSTF2T	853.7687	-0.17275	0.184652	-0.93556	0.349502	0.517595
PGBD5	19.77403	-0.47637	0.586282	-0.81253	0.41649	NA
GBA	4090.418	-0.37789	0.133587	-2.82882	0.004672	0.028187
CASC2	32.24267	0.269708	0.399964	0.674332	0.5001	NA
PNPLA2	1874.341	-0.11979	0.163574	-0.73236	0.463952	0.621415
AGTRAP	1272.309	-0.29936	0.144644	-2.06965	0.038485	0.117153
EFCAB4A	6.088278	1.203205	0.882252	1.363789	0.172634	NA
CD151	9580.304	-0.1663	0.138798	-1.19815	0.23086	0.393112
POLR2L	6038.2	-0.05383	0.147421	-0.36513	0.715012	0.81835

FAM87B	1.129667	-0.3654	1.881429	-0.19421	0.846008	NA
CDKN2AIPN	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	2.05912	-0.02414	1.404518	-0.01719	0.986288	NA
MYOZ1	12.19396	0.230668	0.59308	0.388932	0.697326	NA
KCNJ10	7.697011	-0.22693	0.761108	-0.29816	0.765584	NA
CHID1	2247.301	-0.43931	0.131909	-3.33038	8.67E-04	0.009476
ZNF518A	188.3284	0.884132	0.443645	1.992885	0.046274	0.132188
CCDC23	261.3956	0.261181	0.174314	1.498332	0.134047	0.272017
ZBTB41	150.9904	0.87639	0.342558	2.558366	0.010517	0.048662
BET1L	950.7381	-0.29316	0.145498	-2.0149	0.043915	0.127733
RPS27	11833.99	0.296316	0.161269	1.837401	0.066151	0.16784
RIC8A	3206.03	-0.165	0.145205	-1.13636	0.255808	0.41997
DMAP1	858.1471	-0.223	0.168476	-1.32361	0.185632	0.339451
BOLA1	295.56	-0.14038	0.167086	-0.84016	0.400817	0.565475
PDE4DIP	2893.702	0.289899	0.131421	2.205877	0.027393	0.093396
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SH2D4B	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
RPS3AP5	13.10821	-0.07038	0.602785	-0.11676	0.907047	NA
LINC00843	1.440017	0.403371	1.70198	0.237001	0.812656	NA
TUBAL3	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
CTNNBIP1	744.1739	-0.14803	0.138292	-1.0704	0.284437	0.450947
	11.58567	0.145905	0.595292	0.245099	0.80638	NA
	2.856359	1.072283	1.222022	0.877466	0.380233	NA
RIIAD1	2.68605	0.174248	1.321602	0.131846	0.895106	NA
TMEM52	3.808652	-0.18334	1.007611	-0.18196	0.855615	NA
HYI	210.5502	-0.29382	0.22379	-1.31295	0.189201	0.343409
RCC2	2892.957	-0.51299	0.15392	-3.33286	8.60E-04	0.009421
IGSF22	10.78072	0.096615	0.715059	0.135115	0.892521	NA
DPM3	650.094	-0.1959	0.236759	-0.82742	0.408001	0.571572
SPTY2D1	465.6971	0.426145	0.207287	2.055818	0.0398	0.119967
C10orf67	5.966277	-0.01921	0.820153	-0.02342	0.981317	NA
FUCA1	693.0016	-0.15629	0.157595	-0.99174	0.321324	0.489482
HNRNPCL1	0.518736	2.237423	2.7713	0.807355	0.419462	NA
LDLRAD3	1765.038	-0.54378	0.169037	-3.21694	0.001296	0.012249
CTGLF12P	1.86508	-0.62073	1.426117	-0.43526	0.663374	NA
C1orf101	11.73064	0.92102	0.670196	1.374255	0.169363	NA
VWA1	1292.124	-0.205	0.325922	-0.62898	0.529365	0.674507
HNRNPCP5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FJX1	320.0984	-0.13648	0.17625	-0.77434	0.438732	0.598798
ZBTB18	319.7876	0.467316	0.254664	1.835026	0.066502	0.168462
DNHD1	77.9942	0.252756	0.290746	0.869337	0.384663	0.550705
HTR1D	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NBPF23	1.330186	0.778826	1.870599	0.416351	0.677153	NA
	65.59283	0.243847	0.300515	0.811431	0.417118	0.580188
ATOH7	1.215189	-0.88793	1.977332	-0.44905	0.653393	NA
MRGPRX4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
C1orf200	0.163957	0.424913	4.079006	0.104171	0.917034	NA

CITED4	11.8032	-0.34071	0.602673	-0.56534	0.571845	NA
C1orf194	0.604258	1.087325	2.707696	0.401568	0.688002	NA
ZNF648	0.192403	0.975392	4.060716	0.240202	0.810174	NA
PSTK	93.91758	0.300453	0.238674	1.258846	0.208086	0.365406
C10orf91	1.420452	-0.26596	1.837831	-0.14471	0.884936	NA
TRNAU1AP	467.0033	0.124194	0.178421	0.696074	0.486383	0.639483
ACTA2-AS1	0.899187	0.806933	2.127165	0.379346	0.704431	NA
RCC1	1067.799	-0.17181	0.159273	-1.07874	0.280706	0.4468
TPT1P10	0.422534	1.924583	3.001758	0.641152	0.521424	NA
NACAP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PLD5	0.35636	1.709252	3.651833	0.468053	0.639746	NA
HARBI1	160.5925	0.072827	0.22259	0.327178	0.743533	0.838446
FAM73A	396.9626	0.786635	0.261203	3.011592	0.002599	0.019343
PRR26	3.567128	-0.72889	1.300039	-0.56067	0.575025	NA
SRP9P1	2.631997	2.105551	1.384532	1.520767	0.128318	NA
SKIDA1	9.597225	0.377363	0.705042	0.535234	0.592488	NA
PCGF5	1184.851	0.811153	0.197146	4.114474	3.88E-05	0.001429
YOD1	264.7967	1.068193	0.206406	5.175197	2.28E-07	5.51E-05
CHRM4	3.016252	-0.28968	1.202452	-0.24091	0.809626	NA
GPR157	152.229	-0.62637	0.312911	-2.00175	0.045312	0.130349
PIPSL	12.79081	-0.02292	0.628704	-0.03646	0.970919	NA
PPA1	1456.737	0.428758	0.164751	2.602451	0.009256	0.044768
PDIA3P1	49.03917	-0.05107	0.332476	-0.15359	0.877933	0.926876
GREM2	1.564315	1.893687	1.744001	1.085829	0.277555	NA
C11orf42	0.422534	1.924583	3.001758	0.641152	0.521424	NA
OR56B4	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
FCRL6	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
ANKRD34A	120.1166	-0.07326	0.296923	-0.24673	0.805116	0.883508
SDCCAG3P1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
DHTKD1	693.7992	-0.20774	0.146714	-1.41596	0.156788	0.303069
HIST3H2A	397.0864	-0.08562	0.241768	-0.35413	0.723243	0.824269
	3.676062	-0.07103	1.024706	-0.06932	0.944734	NA
FRAT2	419.8273	-0.19284	0.205719	-0.9374	0.348554	0.516513
OR9G3P	0.260158	1.240347	4.047124	0.306476	0.759242	NA
ZNF678	28.1078	0.834381	0.594537	1.403412	0.160494	NA
PHLDA2	3011.22	-0.09805	0.174309	-0.56252	0.573765	0.709406
AMIGO1	221.4	-0.04351	0.244921	-0.17767	0.858983	0.916352
GPR3	38.55963	-0.15861	0.417502	-0.37991	0.704013	NA
CELF2-AS1	13.62277	0.448232	0.602862	0.743507	0.457175	NA
LSM10	1506.951	0.053176	0.158728	0.33501	0.737617	0.833837
SLC35C1	1793.375	-0.41796	0.131955	-3.16747	0.001538	0.013769
IBA57	216.6195	-0.1333	0.224306	-0.59426	0.552341	0.693167
ADO	1202.252	-0.02856	0.137427	-0.20779	0.835396	0.901477
SNRPE	662.9335	0.508701	0.14698	3.461027	5.38E-04	0.007049
RTKN2	78.70715	0.466254	0.295663	1.576978	0.114801	0.244338
CHST15	1.075752	0.450053	2.098769	0.214437	0.830206	NA
PTCHD3	2.071461	-2.08094	1.736734	-1.19819	0.230842	NA

	11.31238	0.230073	0.721412	0.31892	0.749787	NA
FAM89A	2567.933	0.185433	0.163369	1.135052	0.256353	0.420516
TDRKH	110.2814	-0.12075	0.291703	-0.41394	0.678916	0.790468
MRPS16	2574.692	-0.29011	0.141505	-2.05017	0.040347	0.121032
MOB2	762.6699	-0.04394	0.188447	-0.23317	0.815633	0.889858
KCNA4	0.807523	1.550758	2.909197	0.533053	0.593997	NA
NLRP10	0.833012	0.681553	2.203157	0.309353	0.757053	NA
B4GALNT4	639.8767	-0.39657	0.168447	-2.35426	0.018559	0.071832
CCNYL2	2.631917	-0.18165	1.184684	-0.15333	0.878138	NA
PAQR7	340.2849	-0.44358	0.164019	-2.70443	0.006842	0.036554
GRID1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
C1orf116	12.70671	0.340412	0.868005	0.392178	0.694927	NA
ACBD3	1394.373	0.41351	0.206683	2.000703	0.045424	0.130579
LCK	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	13.86216	-0.24804	0.588272	-0.42163	0.673292	NA
RGS7	0.977621	1.971661	2.116061	0.93176	0.351461	NA
AP2A2	3051.482	-0.38237	0.175204	-2.18242	0.029078	0.096999
CAMK1D	9.720807	0.462975	0.768364	0.602546	0.546811	NA
FAM133CP	0.192403	0.975392	4.060716	0.240202	0.810174	NA
FAM43B	9.308978	0.86244	0.913304	0.944307	0.345013	NA
PTGDR2	2.743928	-0.75182	1.236464	-0.60804	0.543161	NA
RABIF	1001.154	-0.005	0.139289	-0.03587	0.971388	0.984257
FANCF	332.2775	-0.00973	0.175993	-0.05528	0.955916	0.975764
CTNNA3	0.843488	2.923514	2.365851	1.235713	0.216565	NA
	5046.05	0.385652	0.191483	2.014031	0.044006	0.127866
	3.29664	0.956323	1.130499	0.84593	0.397592	NA
EPHA10	0.096202	0.408546	4.079639	0.100143	0.920231	NA
C10orf107	3.50681	0.817067	1.066851	0.765868	0.443755	NA
OVCH2	0.460466	0.568655	3.014642	0.188631	0.850382	NA
FHL3	619.2228	-0.03435	0.149762	-0.22937	0.818578	0.891361
SF3A3	2228.946	0.002996	0.129797	0.02308	0.981586	0.990189
FAM46C	6.076508	-0.32626	0.809947	-0.40282	0.687079	NA
UTP11L	702.4078	0.467931	0.179679	2.604267	0.009207	0.044608
	0.574434	-0.17781	2.756096	-0.06452	0.948559	NA
HMGN3P1	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
HIST2H3D	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SFXN4	425.4375	-0.04273	0.16235	-0.26322	0.792379	0.874234
FAM167B	2429.772	0.072473	0.299992	0.241584	0.809103	0.885851
ZNF438	58.45835	-0.21497	0.317819	-0.67638	0.498799	0.649348
PTPN20B	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
BMP8A	0.508056	0.731032	2.861912	0.255435	0.798387	NA
TMEM50A	3895.284	0.151417	0.139047	1.088958	0.276173	0.441779
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SLC35F3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
OLFML1	1.869078	0.043799	1.547192	0.028309	0.977416	NA
LIN9	115.8869	1.026679	0.233773	4.391771	1.12E-05	6.60E-04
ANKRD45	7.449626	-1.0654	0.781994	-1.36241	0.173068	NA

KIRREL	4277.288	-0.43387	0.149255	-2.9069	0.00365	0.024081
IQGAP3	929.0558	-0.95646	0.23508	-4.06867	4.73E-05	0.001588
LRRC55	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DUSP5P1	1.185162	-1.08022	1.836234	-0.58828	0.556345	NA
ST6GALNA(	1234.103	-0.25863	0.227324	-1.13772	0.255236	0.419495
PTP4A2	2810.736	0.200095	0.145515	1.375081	0.169106	0.319451
DENND5A	3111.15	-0.25651	0.159302	-1.61019	0.107357	0.233913
	0.651288	1.289307	2.633717	0.489539	0.62446	NA
CNTN2	0.816825	1.673341	2.21346	0.755984	0.449659	NA
FAM132A	3.461362	0.492956	1.117179	0.441251	0.659031	NA
HIST2H2AC	8.604045	-1.1528	0.690431	-1.66968	0.094983	NA
HIST2H2AB	0.394291	0.298745	3.141711	0.09509	0.924243	NA
TSSC4	1047.528	-0.15182	0.154872	-0.98026	0.326957	0.495092
TACSTD2	1.230224	1.989951	2.317289	0.858741	0.390483	NA
MROH7	0.192403	0.975392	4.060716	0.240202	0.810174	NA
MRGPRE	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PKP3	17.41608	-0.65473	0.496007	-1.32	0.186835	NA
CSF1	368.9962	-0.37373	0.24719	-1.51191	0.130558	0.26704
A3GALT2	0.813811	0.928591	2.591569	0.358312	0.72011	NA
CEND1	6.063121	0.803699	0.853329	0.94184	0.346274	NA
DUSP8	186.8038	-0.11462	0.236252	-0.48518	0.627551	0.750113
PDE4B	365.0699	-0.73491	0.274062	-2.68154	0.007328	0.038391
FAM19A3	4.062689	0.057964	0.996734	0.058154	0.953626	NA
OR7E14P	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
ZBTB40	944.8933	-0.14554	0.183453	-0.79331	0.427596	0.589436
HIST2H2BE	153.1103	-0.17828	0.329133	-0.54167	0.588047	0.720622
RNLS	160.8149	0.025257	0.213705	0.118185	0.905921	0.945645
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
CLCNKB	2.665739	0.587723	1.236007	0.475502	0.634429	NA
NUTM2A	5.340717	-0.45351	0.852268	-0.53212	0.594641	NA
MUC6	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
AP3M1	2061.112	-0.01979	0.175597	-0.1127	0.91027	0.947811
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
INTS5	968.7635	-0.45879	0.135224	-3.39285	6.92E-04	0.00825
MANEAL	22.98747	-0.40485	0.433665	-0.93355	0.350538	NA
ANO9	12.20615	-0.43437	0.630867	-0.68853	0.491117	NA
FAF1	1131.558	-0.23244	0.134899	-1.72308	0.084873	0.198652
MIXL1	0.87074	0.675988	2.012127	0.335957	0.736903	NA
SIGIRR	852.5663	-0.21365	0.14548	-1.46857	0.14195	0.282921
IFITM2	2530.449	-0.3623	0.17406	-2.08146	0.037392	0.114841
PGBD2	74.90062	0.003941	0.276065	0.014276	0.98861	0.994313
GAPDHP24	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PRMT3	443.895	0.542971	0.204931	2.649527	0.00806	0.040801
CDNF	12.3171	0.96735	0.634674	1.524168	0.127467	NA
ZBTB37	79.00604	0.230326	0.297029	0.775432	0.438085	0.598191
SMYD3	783.6756	-0.03482	0.147276	-0.23641	0.813115	0.888676
IFNLR1	76.61821	0.230643	0.434997	0.530217	0.595961	0.726065

TMEM179E	687.7797	-0.13624	0.164671	-0.82736	0.408032	0.571572
ROR1	238.3469	0.163278	0.199661	0.817779	0.413484	0.576688
	0.640406	1.11402	2.710977	0.410929	0.681124	NA
MUC1	22.13705	-0.5495	0.458429	-1.19866	0.230662	NA
IRF7	817.3531	-0.92142	0.292655	-3.14849	0.001641	0.014318
FAM131C	0.162376	0.424913	4.079006	0.104171	0.917034	NA
C11orf35	43.58819	-0.42189	0.333587	-1.26472	0.205971	NA
C1orf227	1.225666	0.672437	1.847219	0.364026	0.715838	NA
PRKG1	333.2455	0.612414	0.259148	2.363182	0.018119	0.070588
PSMD13	3869.872	-0.03407	0.147022	-0.23176	0.816726	0.890203
PBX1	274.2478	-0.34357	0.224645	-1.5294	0.126164	0.261259
POU3F1	3.740693	-0.0298	1.044676	-0.02853	0.977242	NA
ZBTB3	107.8589	-0.42854	0.23813	-1.79962	0.071921	0.178
ADARB2	21.80817	0.356049	0.584753	0.608887	0.542599	NA
NRG3	141.0937	-0.26293	0.274273	-0.95866	0.33773	0.506619
IFIT1	1058.112	-0.02347	0.562417	-0.04173	0.966714	0.981618
	11.83765	-0.37686	0.598478	-0.6297	0.528888	NA
DNAH14	52.21041	1.107787	0.332893	3.327758	8.75E-04	0.009546
C1orf110	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
THNSL1	151.0785	-0.08724	0.248254	-0.35143	0.725263	0.825454
IFITM1	549.1323	-1.34696	0.606668	-2.22026	0.026401	0.091242
LINC00839	588.3663	-0.04294	0.144571	-0.29699	0.766476	0.854885
CALHM1	1.169179	-1.04993	1.839034	-0.57091	0.568059	NA
RNPC3	108.0238	0.524757	0.276942	1.894826	0.058115	0.153614
LEMD1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MATN1-AS	5.926132	-0.21669	0.811669	-0.26696	0.789497	NA
AIDA	500.8969	0.255739	0.180648	1.415677	0.15687	0.303119
NBPF6	0.096202	0.408546	4.079639	0.100143	0.920231	NA
AGBL4	0.825079	-2.06702	2.533819	-0.81577	0.41463	NA
CYP2R1	207.972	0.447149	0.20866	2.142956	0.032117	0.103971
TEX38	0.424115	1.932531	3.45462	0.559405	0.575885	NA
POLR3C	759.1248	-0.05138	0.141136	-0.36404	0.715826	0.81867
UBL4B	0.162376	0.424913	4.079006	0.104171	0.917034	NA
EDARADD	26.03697	-0.42288	0.432804	-0.97707	0.328536	NA
1-Mar	13.68004	-0.19485	0.557502	-0.34951	0.726707	NA
LCE5A	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
NBPF12	17.56812	0.283009	0.505443	0.559923	0.575532	NA
TOR3A	675.749	-0.26559	0.142384	-1.8653	0.06214	0.161303
MST1P2	5.945589	0.912862	0.85287	1.070341	0.284466	NA
NUDT17	93.74844	-0.35956	0.284318	-1.26464	0.206002	0.363038
CYP4X1	1.370827	-0.71211	1.970974	-0.3613	0.717877	NA
CCDC30	24.44397	0.869945	0.455516	1.909799	0.056159	NA
TMEM222	1539.269	-0.1805	0.133301	-1.35406	0.175717	0.327792
OR9Q1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CLCNKA	1.532066	-1.16575	1.666556	-0.6995	0.484243	NA
ARHGAP30	1.853869	0.497017	1.627184	0.305446	0.760026	NA
CROCCP5	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA

FOXD2	64.6832	-0.54655	0.291334	-1.87602	0.060653	0.158483
HPDL	385.9434	-0.89031	0.308036	-2.89026	0.003849	0.024827
PRG2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ZFP91	2790.032	0.161084	0.219276	0.734616	0.462574	0.620551
CCDC73	0.881566	1.109202	2.554987	0.434132	0.664192	NA
MST1L	2.950775	1.963936	1.371623	1.431834	0.152191	NA
FOXE3	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
TNFRSF4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PDZD7	110.8239	-0.09654	0.256237	-0.37675	0.706362	0.81182
TNFRSF18	0.708364	0.219301	2.144998	0.102238	0.918568	NA
RTN4RL2	134.8946	0.068389	0.265854	0.257243	0.796991	0.87712
FAM183A	2.422003	-1.52324	1.697968	-0.89709	0.369668	NA
RHD	5.69752	-0.53409	0.99828	-0.53501	0.592646	NA
ESPN	16.8923	-0.10225	0.539314	-0.1896	0.849622	NA
PNLIPRP1	0.518736	2.237423	2.7713	0.807355	0.419462	NA
TMEM216	147.6831	0.174911	0.245112	0.713598	0.475476	0.630722
TEAD1	4283.258	0.261935	0.237054	1.104958	0.269178	0.433868
AKR1C1	94.22899	0.314905	0.319902	0.98438	0.324929	0.492847
FOXD3	1748.983	0.237657	0.243464	0.976148	0.328991	0.49728
MRPS21	2297.232	0.149919	0.151092	0.992239	0.321081	0.489256
RNF220	1693.536	-0.14513	0.144364	-1.00533	0.314738	0.482131
KIAA1598	1131.43	0.331743	0.548338	0.604997	0.545181	0.686764
LUZP2	1.500895	3.745333	2.013071	1.860508	0.062814	NA
C11orf96	1995.081	0.078108	0.334273	0.233665	0.815245	0.889858
HSPA14	736.4108	0.546974	0.144621	3.782114	1.56E-04	0.003343
CYP26C1	5.061295	-0.78307	0.971042	-0.80642	0.420001	NA
TLR5	2.167096	-1.3286	1.41398	-0.93962	0.347415	NA
PLEKHN1	20.30243	0.106034	0.49641	0.213602	0.830857	NA
ISG15	2144.524	-0.9995	0.345755	-2.89077	0.003843	0.024801
SAMD11	15.17558	1.183493	0.608231	1.945796	0.051679	NA
C1orf170	5.524773	0.097068	0.861316	0.112698	0.91027	NA
SLC18A3	0.558248	0.982076	2.804738	0.350149	0.726227	NA
PEAR1	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
ZFP69B	20.05969	-0.0871	0.545082	-0.15979	0.873044	NA
ZFP69	86.44575	0.800236	0.305005	2.623679	0.008699	0.042987
DMBT1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
LDLRAD2	4.841472	0.16512	0.982704	0.168026	0.866563	NA
HS6ST1P1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
KLHL17	416.4864	-0.08484	0.159738	-0.53113	0.595325	0.725499
PLA2G2C	0.162376	0.424913	4.079006	0.104171	0.917034	NA
C1orf204	5.288889	-0.59816	0.880006	-0.67972	0.49668	NA
S100A3	24.24942	0.259546	0.44981	0.577011	0.563932	NA
RAB42	25.52126	-0.99558	0.460593	-2.16152	0.030655	NA
GPR89B	31.95485	-0.13857	0.381041	-0.36367	0.716106	NA
OR2AG2	0.735027	1.3952	2.594798	0.537691	0.59079	NA
AGRN	6985.642	-1.08555	0.133624	-8.12386	4.52E-16	3.30E-12
NUTM2B	0.802985	0.54709	2.208262	0.247747	0.80433	NA

HNRNPU-A	12.57288	1.443954	0.685539	2.106304	0.035178	NA
NCR3LG1	93.03316	0.098165	0.291373	0.336906	0.736188	0.833095
AGAP4	5.466016	0.908925	0.927385	0.980095	0.327039	NA
HES4	287.3743	0.01604	0.281952	0.056891	0.954632	0.974998
ZNF669	108.1767	-0.45486	0.236339	-1.9246	0.054279	0.146612
ENO4	17.97889	0.131987	0.527394	0.250262	0.802384	NA
JAKMIP3	8.180557	1.028849	0.820094	1.254551	0.209642	NA
TCTEX1D4	5.478937	-0.63941	0.902463	-0.70852	0.478624	NA
SELL	4.898297	-0.2348	0.989586	-0.23727	0.812444	NA
ACTBP11	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
INSC	286.5942	0.413482	0.292594	1.413156	0.15761	0.304013
SRSF10	1842.919	0.568442	0.157391	3.611643	3.04E-04	0.004996
FAM72B	35.00636	0.326363	0.412805	0.790599	0.429178	NA
ASAH2	3.563849	0.576979	1.126554	0.512163	0.608537	NA
NANOS1	72.67502	-0.1663	0.430067	-0.38669	0.698989	0.806395
DPYD	599.6254	0.633531	0.205754	3.079067	0.002076	0.016597
S100A16	534.5994	-0.07006	0.250567	-0.2796	0.779788	0.864932
CC2D2B	0.654246	2.541085	3.009764	0.84428	0.398513	NA
RHCE	3.8416	0.051907	0.990999	0.052379	0.958227	NA
UROS	2439.476	-0.17944	0.132252	-1.35682	0.174837	0.326835
RBM34	7.712775	0.795235	0.838194	0.948747	0.342749	NA
BCL2L15	1.637521	0.608302	1.617589	0.376055	0.706876	NA
PRELP	3467.309	-0.71236	0.226292	-3.14798	0.001644	0.014318
MTF1	199.2363	0.046386	0.208307	0.222682	0.823783	0.893663
TMCO2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TMEM201	1643.491	-0.49819	0.165448	-3.01114	0.002603	0.019343
HMX2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAM78B	203.6792	-0.28466	0.254462	-1.11866	0.263287	0.427592
FAM196A	1.156773	-0.72344	1.907588	-0.37924	0.704509	NA
C1orf192	92.50238	0.333023	0.256628	1.297689	0.194394	0.349475
NOC2L	2610.527	-0.30191	0.160607	-1.87981	0.060134	0.157509
FAM35DP	0.651288	1.289307	2.633717	0.489539	0.62446	NA
VHLL	0.288605	1.443619	4.029058	0.358302	0.720117	NA
FAM111B	88.80184	1.233948	0.514226	2.399621	0.016412	0.066156
PLAC9	114.8961	0.16307	0.261138	0.624459	0.532326	0.676529
S100A13	2743.532	0.26054	0.139908	1.862223	0.062572	0.161938
ZNF33A	208.3111	0.847443	0.319952	2.648654	0.008081	0.040855
BTBD8	6.009777	1.246908	0.936632	1.331269	0.183101	NA
PNRC2	784.8673	0.716385	0.210335	3.405932	6.59E-04	0.007993
	3.181643	0.283798	1.11508	0.254509	0.799102	NA
GJB5	0.260158	1.240347	4.047124	0.306476	0.759242	NA
FAM53B	5077.418	-0.65059	0.146938	-4.42766	9.53E-06	6.14E-04
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
S100A14	0.834389	1.638864	2.19944	0.745128	0.456195	NA
KAZN	1503.208	-0.26202	0.146944	-1.78314	0.074564	0.182375
SLC35E2B	1316.074	-0.53647	0.161779	-3.31604	9.13E-04	0.009778
MMP23B	1.033116	1.025241	1.933005	0.530387	0.595844	NA

SH2D5	9.278536	0.934169	0.855354	1.092142	0.27477	NA
RASSF10	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
RNU1-75P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
BLOC1S2	1092.86	0.690433	0.198358	3.480745	5.00E-04	0.006782
AKR1C3	16.89467	0.161093	0.629596	0.255868	0.798053	NA
S100A4	189.3203	0.362125	0.301038	1.202923	0.229006	0.390822
ACADSB	820.2983	0.802358	0.263263	3.047743	0.002306	0.017726
STK40	1939.807	-0.26901	0.133296	-2.01818	0.043573	0.127168
TMEM63A	974.4377	-0.2516	0.177801	-1.41505	0.157055	0.303288
CTSE	3.338287	-0.41406	1.142991	-0.36226	0.717158	NA
SEMA4A	12.22226	-0.06062	0.606676	-0.09991	0.920412	NA
LCOR	176.9531	0.473723	0.310319	1.526571	0.126868	0.262351
OR2C3	1.024017	0.177191	1.894522	0.093528	0.925484	NA
CD55	520.8294	-0.16887	0.18291	-0.92323	0.355885	0.523878
SRGAP2B	180.7979	-0.14132	0.196097	-0.72064	0.471128	0.627342
ASB13	1642.708	-0.34164	0.155724	-2.19391	0.028242	0.095224
THEM5	6.502437	-0.21271	0.985755	-0.21578	0.829157	NA
ZNF124	83.32791	0.284246	0.267683	1.061873	0.288293	0.454443
S100A5	0.47961	0.535796	3.39605	0.15777	0.874638	NA
NBPF4	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
YRDC	574.1877	0.004393	0.193316	0.022726	0.981869	0.990311
ESRRG	1.743207	0.180904	1.513109	0.119558	0.904833	NA
GDAP2	307.9553	0.193517	0.197746	0.978615	0.32777	0.495937
SLC6A9	396.3005	0.009549	0.67856	0.014072	0.988773	0.994393
FAM72A	18.51041	0.385635	0.563811	0.683978	0.493989	NA
LINC00610	39.51917	2.76E-04	0.336437	8.19E-04	0.999347	NA
HBG2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
AJAP1	29.04019	1.110261	0.576522	1.925789	0.054131	NA
SLC30A10	33.42983	0.478244	0.373369	1.28089	0.200232	NA
FAM180B	1.772088	-2.18236	1.792446	-1.21753	0.223402	NA
ZNF33B	180.709	0.774549	0.375111	2.064854	0.038937	0.118085
LCE1B	0.096202	0.408546	4.079639	0.100143	0.920231	NA
S100A2	32.11113	0.186747	0.40435	0.461844	0.644193	NA
ZNF239	17.61174	-0.47304	0.510971	-0.92577	0.354567	NA
NHLRC2	413.5637	0.554351	0.212162	2.612869	0.008979	0.04402
LAMB3	326.9499	-0.05782	0.213763	-0.27048	0.786793	0.870828
HIST3H2BB	1.435718	-0.5457	1.807394	-0.30193	0.762708	NA
TMEM26	78.56975	-0.53354	0.322966	-1.65201	0.098532	0.221104
	0.583919	-1.6942	2.749224	-0.61625	0.537732	NA
FUT11	437.4358	-0.55067	0.206143	-2.67129	0.007556	0.039253
ZMYM1	121.374	0.730231	0.335033	2.179579	0.029289	0.097369
SLC6A17	187.4238	-0.31711	0.199418	-1.59016	0.1118	0.240019
ACSL5	9.974034	-0.00545	0.638746	-0.00854	0.993187	NA
LRRC8B	330.2201	0.015748	0.349116	0.045109	0.964021	0.980386
	0.995388	1.024939	2.067489	0.495741	0.620077	NA
FAM110D	0.622842	1.158846	2.735323	0.42366	0.671814	NA
	0.927816	-0.09492	2.155471	-0.04404	0.964876	NA

DDI2	958.138	0.064658	0.174148	0.37128	0.710429	0.814835
SVIL	3720.584	0.10221	0.231721	0.44109	0.659148	0.775241
TRIM33	753.9546	0.522541	0.246398	2.120718	0.033946	0.107602
IPP	280.7205	-0.17168	0.193595	-0.8868	0.375184	0.541491
OGDHL	0.92901	1.841773	2.123319	0.867403	0.385721	NA
COL13A1	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
ZNF695	8.741731	0.241675	0.711244	0.339793	0.734013	NA
FAM177B	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIB2	1223.92	-0.19203	0.162626	-1.18083	0.237671	0.400568
HHLA3	585.6224	-0.28589	0.165253	-1.73	0.08363	0.197007
DMBX1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FAR1	754.7552	0.80547	0.36374	2.214412	0.0268	0.091986
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CDC42SE1	3356.519	-0.29708	0.154531	-1.92244	0.05455	0.147075
MPEG1	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
PARVA	11346.77	-0.19588	0.129176	-1.51635	0.12943	0.26588
CR1L	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PSAP	113827.3	-0.40716	0.130314	-3.12448	0.001781	0.015029
S100A10	14245.38	0.045604	0.151048	0.301915	0.762717	0.852618
WDR96	6.828636	0.016374	0.828137	0.019772	0.984226	NA
MAP1LC3C	10.65751	0.592827	0.814116	0.728185	0.4665	NA
MCMBP	1695.552	0.211367	0.169299	1.248481	0.211855	0.370324
TAF13	597.5163	0.421937	0.254369	1.658764	0.097163	0.218901
ATAD3A	1565.738	-0.13317	0.194264	-0.68554	0.493005	0.644243
FAM212B	188.4273	-0.18088	0.25239	-0.71667	0.473579	0.629168
MEIG1	9.154862	0.01582	0.65349	0.024208	0.980687	NA
NRAP	1.924573	-0.37826	1.424337	-0.26557	0.79057	NA
HRNR	15.11495	-0.61163	0.59513	-1.02772	0.304079	NA
HES5	6.754154	-0.63643	0.807409	-0.78823	0.43056	NA
S100A6	17987.38	0.273747	0.20433	1.339734	0.180332	0.332892
DNM3	113.9389	-0.17122	0.312055	-0.5487	0.583214	0.7167
MPZL1	1212.602	-0.17174	0.159114	-1.07935	0.280431	0.446542
C1orf122	1870.87	-0.21259	0.130238	-1.63232	0.102612	0.226809
SNHG12	168.4463	0.790462	0.210179	3.760894	1.69E-04	0.003497
ENTPD7	243.3808	0.021614	0.189182	0.114249	0.909041	0.947483
5-Mar	1078.04	0.267195	0.14865	1.797478	0.07226	0.178615
ZNF248	182.3997	0.671753	0.200469	3.350917	8.05E-04	0.009085
MIER1	565.6617	1.01169	0.245868	4.114765	3.88E-05	0.001429
MAN1A2	859.1901	0.637069	0.226041	2.818374	0.004827	0.028841
SVIP	663.0259	0.760581	0.177201	4.292187	1.77E-05	8.56E-04
SZT2	827.1508	-0.53871	0.180261	-2.9885	0.002803	0.020297
CACNA1E	0.558248	0.982076	2.804738	0.350149	0.726227	NA
SLC29A3	37.77396	-0.07537	0.360212	-0.20925	0.834256	NA
ANTXRL	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ZNF485	50.52204	0.673833	0.31766	2.12124	0.033902	0.1076
NTRK1	0.862864	-0.92591	2.497199	-0.37078	0.710801	NA
MGEA5	1603.943	0.332621	0.22376	1.486506	0.137145	0.276319

FLVCR1-AS1	81.15914	0.082288	0.267484	0.307636	0.758359	0.849319
ANKRD35	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA
YTHDF2	2419.241	-0.10554	0.124071	-0.85065	0.394962	0.559494
C1orf228	8.17769	-0.48609	0.78587	-0.61854	0.536219	NA
ZNF511	399.0523	-0.03335	0.176035	-0.18948	0.84972	0.910531
CTNND1	7234.203	-0.37963	0.119693	-3.17171	0.001515	0.013631
SH2D1B	0.35636	1.709252	3.651833	0.468053	0.639746	NA
MDM4	284.7149	0.035263	0.198535	0.177617	0.859024	0.916352
RYR2	4.586351	-0.05723	0.955659	-0.05989	0.952244	NA
PAPSS2	18.16792	0.424948	0.513236	0.827977	0.407683	NA
ABCA4	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
IPO9	3687.242	-0.23915	0.130252	-1.83602	0.066354	0.168227
SSBP3-AS1	1.953231	0.600653	1.420042	0.422983	0.672308	NA
C1orf85	6692.045	-0.18089	0.14768	-1.22489	0.220617	0.38052
LDB1	2694.506	-0.40742	0.128226	-3.17733	0.001486	0.013472
CTR9	1097.281	0.304158	0.256863	1.184128	0.236362	0.399195
	5184.049	-0.38998	0.134841	-2.89212	0.003827	0.024734
GPATCH3	436.6463	-0.07454	0.172415	-0.43232	0.665507	0.780503
COLGALT2	113.5171	-1.00031	0.274205	-3.64802	2.64E-04	0.004594
RCSD1	1.645628	-0.4699	1.475911	-0.31838	0.750199	NA
MUC2	0.586491	2.39072	2.689057	0.889055	0.373973	NA
MTOR	3385.884	-0.47244	0.147218	-3.20908	0.001332	0.012499
BRINP2	0.959212	-2.37936	2.418243	-0.98392	0.325155	NA
LRIG2	161.5023	-0.09117	0.198602	-0.45906	0.646189	0.76491
FOXJ3	1138.642	-0.08615	0.140393	-0.61367	0.539436	0.681722
CD247	0.555087	0.973802	2.808575	0.346725	0.728798	NA
INPP5F	1964.06	0.232034	0.169108	1.372103	0.170031	0.320363
HMGN2	1642.805	-0.56766	0.139039	-4.08275	4.45E-05	0.001547
GJC2	25.28319	-0.16846	0.46355	-0.36342	0.71629	NA
DENND4B	1354.553	-0.59206	0.159256	-3.71764	2.01E-04	0.003869
KTI12	446.3019	-0.189	0.180808	-1.04528	0.295893	0.463138
DUSP27	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
HSD3BP5	20.02961	0.392399	0.491692	0.798059	0.424836	NA
TSEN15	812.602	0.210845	0.13914	1.515342	0.129686	0.266024
GRK5	867.8451	0.108062	0.146466	0.737795	0.460639	0.618796
SFMBT2	317.7427	-0.28689	0.224126	-1.28004	0.200532	0.356579
PRMT6	362.7417	-0.32015	0.172047	-1.86084	0.062767	0.162216
SHISA4	1665.603	-0.08884	0.163481	-0.54343	0.586836	0.719553
C1orf174	396.7914	0.306076	0.202005	1.515186	0.129725	0.266024
RASGEF1A	8.800993	0.640948	0.703287	0.91136	0.362106	NA
DCLRE1A	238.5383	0.435373	0.196196	2.219069	0.026482	0.091289
NOS1AP	2.290629	0.525815	1.348424	0.389948	0.696575	NA
SMG5	5497.958	-0.29404	0.210447	-1.39721	0.16235	0.310342
KIAA1279	1434.606	0.187091	0.13475	1.38843	0.165006	0.313807
SGMS1	334.7267	0.698577	0.207618	3.364719	7.66E-04	0.00881
RNU5E-1	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA

	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.937264	-1.23834	2.063944	-0.59999	0.548514	NA
RNU6-37P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-126(	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU4-21P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-490F	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU6-403F	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNORA73B	5.313327	0.535587	0.922014	0.580888	0.561316	NA
	0.602678	1.083611	2.70938	0.399948	0.689195	NA
RNU5D-1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.044145	0.31036	2.099918	0.147796	0.882504	NA
RNU6-529F	1.677089	0.300749	1.519436	0.197934	0.843096	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-833F	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU5E-10F	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RNU6-109S	0.883146	1.112834	2.554178	0.435692	0.663061	NA
RNU6-120S	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SKP16(	0.586491	2.39072	2.689057	0.889055	0.373973	NA
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
RNU6-884F	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNORD46	2.031812	0.640288	1.376527	0.465147	0.641826	NA
RNU5A-8P	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-151F	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.987658	-1.76927	2.378195	-0.74395	0.456905	NA
RNU4-59P	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
RN7SKP37	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.654246	2.541085	3.009764	0.84428	0.398513	NA
SNORA55	2.341133	-0.23198	1.448554	-0.16015	0.872765	NA
RNA5SP78	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SNORA16B	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
RNVU1-6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SKP50	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SKP78	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RNU6-740F	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU1-91P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-828F	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA
RNU5E-4P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNA5SP29	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNORA23	1.0349	0.343148	1.852366	0.185249	0.853034	NA

RNU6-124(	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SNORD38A	1.885622	-0.0039	1.460299	-0.00267	0.997868	NA
	0.651435	0.249629	2.788679	0.089515	0.928672	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SKP26(	1.341068	0.883398	1.741964	0.507128	0.612065	NA
	0.813811	0.928591	2.591569	0.358312	0.72011	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RNVU1-20	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.74639	0.711058	1.042145	0.682302	0.495048	NA
	3.303167	0.400132	1.10982	0.360538	0.718445	NA
	5.708114	0.037733	0.815975	0.046243	0.963116	NA
	1.611703	2.750352	1.792131	1.534683	0.124862	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
BTBD7P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PDCD4-AS1	69.84078	-0.26756	0.309347	-0.86492	0.387085	0.552959
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.452561	2.061505	3.349456	0.615474	0.538241	NA
	0.816825	1.673341	2.21346	0.755984	0.449659	NA
EFCAB2	104.8894	-0.07405	0.278352	-0.26601	0.790228	0.872781
COX20	47.77291	0.381414	0.339652	1.122957	0.261456	0.425939
CHML	313.0612	0.858656	0.396964	2.163055	0.030537	0.100281
IBA57-AS1	0.6908	0.277604	2.346083	0.118327	0.905809	NA
C1orf95	5.236644	-0.84457	0.987899	-0.85492	0.392596	NA
	1.42088	2.532189	1.880145	1.346806	0.178043	NA
CAPN8	0.705792	-3.31105	2.811825	-1.17754	0.238978	NA
TATDN3	307.1796	0.25506	0.186773	1.365615	0.17206	0.32326
SERTAD4-A	27.4574	1.229009	0.492727	2.494299	0.012621	NA
C1orf132	0.777517	1.644684	2.527228	0.650785	0.515185	NA
LINC00862	0.735616	-2.07189	2.528723	-0.81934	0.412591	NA
C1orf53	36.78561	0.441912	0.350991	1.259041	0.208016	NA
GPR52	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	25.79425	0.602791	0.448047	1.345374	0.178504	NA
METTL11B	0.450981	2.057325	3.353149	0.61355	0.539513	NA
MSTO2P	6.313944	-0.22484	0.794194	-0.28311	0.777094	NA
SPRN	50.40274	-0.30465	0.365631	-0.8332	0.40473	0.569118
FANK1	64.10464	0.17912	0.300022	0.597021	0.550493	0.691764
KPRP	0.192403	0.975392	4.060716	0.240202	0.810174	NA
METTL10	79.7017	0.257028	0.254334	1.010593	0.312211	0.479394
ADAMTSL4	0.853323	-0.46916	2.317774	-0.20242	0.839588	NA
PPAPDC1A	650.1462	0.351197	0.255691	1.37352	0.169591	0.320041
HIST2H2BF	1.190749	2.261198	1.987481	1.137721	0.255237	NA
FAM231D	7.24034	-1.05564	0.753874	-1.40029	0.161426	NA

FAM72C	1.594488	1.432245	1.712183	0.836503	0.402872	NA	
HIST2H3PS	27.11344	-0.05086	0.423517	-0.12009	0.904409	NA	
HIST2H2BC	2.077262	0.716114	1.425336	0.502417	0.615374	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
NBPF16	5.589522	0.386123	0.901281	0.428416	0.668348	NA	
NBPF20	17.79996	0.173737	0.553692	0.313779	0.753689	NA	
NBPF24	1.658237	-1.16816	1.652219	-0.70702	0.479551	NA	
PNLIPRP3	69.05303	-0.13425	0.386499	-0.34735	0.728332	0.827682	
	5.270793	4.66E-04	0.967957	4.81E-04	0.999616	NA	
HSD3BP4	0.748867	2.740193	2.468928	1.109871	0.267054	NA	
ATP1A1OS	36.53134	-0.17366	0.364548	-0.47638	0.633805	NA	
RBM20	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA	
	7.301399	-0.31349	0.744979	-0.42081	0.673894	NA	
SPATA42	0.506476	0.726418	2.864186	0.253621	0.799788	NA	
C1orf146	0.420954	1.923376	3.462803	0.555439	0.578594	NA	
HSP90B3P	1.62392	-0.42828	1.578049	-0.2714	0.786082	NA	
C10orf62	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	
SAMD13	57.20607	0.185511	0.46965	0.394998	0.692844	0.801725	
C1orf141	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
EFCAB7	109.6533	0.824086	0.36495	2.258076	0.023941	0.085415	
ZYG11A	3.783386	-0.11777	1.013353	-0.11622	0.907479	NA	
IFIT1B	1.173331	1.84241	2.290367	0.804417	0.421156	NA	
LIPJ	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA	
FOXO6	0.815594	-0.45539	2.531219	-0.17991	0.857224	NA	
INPP5B	718.4331	-0.40848	0.160121	-2.55111	0.010738	0.049294	
RUFY2	172.6832	0.773778	0.321826	2.404335	0.016202	0.065554	
PHACTR4	994.7948	-0.49204	0.186995	-2.63131	0.008506	0.042257	
ASAH2B	9.391628	0.79531	0.667931	1.190706	0.233769	NA	
AGAP6	40.67781	1.078156	0.362172	2.976915	0.002912	NA	
CTGLF11P	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
TIMM23B	1.673669	0.581916	1.860244	0.312817	0.75442	NA	
ZDHHC18	689.6945	-0.26169	0.16947	-1.54419	0.122543	0.256035	
BMS1P5	2.022327	1.148615	1.525757	0.752817	0.45156	NA	
SYT15	19.30988	-0.73642	0.524853	-1.4031	0.160586	NA	
BMS1P1	2.500559	0.72947	1.300262	0.561018	0.574785	NA	
TMEM57	656.8915	0.224959	0.154386	1.457126	0.145082	0.28704	
PTPN20A	1.159491	0.557655	1.885778	0.295716	0.767447	NA	
TCEA3	14.52536	-0.08983	0.542946	-0.16545	0.868589	NA	
	0.983514	-1.5981	2.093157	-0.76349	0.445173	NA	
C10orf126	0.95764	0.792425	2.400829	0.330063	0.741352	NA	
C1orf134	9.126964	-0.58554	0.742928	-0.78815	0.430608	NA	
C1orf195	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
PTCHD2	0.814253	-1.23545	2.246777	-0.54988	0.582405	NA	
CASC10	77.19139	-0.1362	0.264447	-0.51503	0.606529	0.734539	
MALRD1	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA	
ST8SIA6-AS	31.75686	0.474274	0.431472	1.099201	0.27168	NA	
ZBTB48	300.8907	-0.28671	0.168082	-1.70579	0.088046	0.204344	

C11orf83	358.8059	-0.19083	0.221311	-0.86225	0.388549	0.554176
LRRC10B	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA
TMEM240	64.77576	-0.04363	0.303062	-0.14395	0.885537	0.932306
	4.084104	0.579678	1.07436	0.539556	0.589503	NA
TMEM88B	0.583919	-1.6942	2.749224	-0.61625	0.537732	NA
ACCSL	28.54554	-1.07032	0.476204	-2.2476	0.024602	NA
C11orf91	3.373201	-0.74424	1.121021	-0.6639	0.506755	NA
LGR4	475.6448	0.188549	0.250197	0.7536	0.45109	0.610395
IPO7	3748.727	0.443273	0.199515	2.221756	0.0263	0.091046
CALML3-AS	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NAP1L4	2226.802	0.258212	0.162517	1.588831	0.112099	0.2405
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
KRTAP5-1	0.921281	-1.21902	2.226885	-0.54741	0.584096	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
RNVU1-18	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RNU6-418F	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
RNU6-949F	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
RNU6-48P	0.574231	0.93227	2.49998	0.372911	0.709215	NA
RNU6-481F	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-514F	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-43P	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SNORA14B	2.39569	1.551076	1.377709	1.125837	0.260234	NA
RNVU1-15	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RNU6-125F	0.487129	2.123445	3.910539	0.543006	0.587126	NA
RNU6-15P	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNORA42	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RNVU1-14	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
SNORA66	1.624354	-3.47806	2.019127	-1.72255	0.084969	NA
MIR606	0.324752	1.53082	4.022025	0.380609	0.703493	NA
MIR197	0.49029	2.123092	3.304282	0.642527	0.520531	NA
MIR186	1.03648	0.354657	2.004615	0.17692	0.859571	NA
MIR34A	2.448816	-0.35943	1.340867	-0.26806	0.788654	NA
MIR181B1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
MIR130A	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
SNORD78	7.241389	1.234784	0.806855	1.530367	0.125926	NA
C11orf31	1854.974	0.042533	0.135536	0.31381	0.753665	0.846169
GNRHR2	10.49914	-0.277	0.663916	-0.41722	0.676517	NA
DIO1	1.159491	0.557655	1.885778	0.295716	0.767447	NA
AKR7L	2.664102	0.494969	1.255467	0.394251	0.693396	NA
MIR760	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
MIR765	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNORD67	1.607697	0.014776	1.512674	0.009768	0.992206	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNA5SP33	0.163957	0.424913	4.079006	0.104171	0.917034	NA

RNU6-817P	2.822334	0.578323	1.217756	0.474909	0.634852	NA
RNA5SP323	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RNU11-3P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNVU1-13	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SNORA12	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU6-510P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNORA45	4.947779	0.237085	1.218864	0.194513	0.845774	NA
	23.86382	0.342779	0.480464	0.713433	0.475578	NA
	1.981677	0.663067	1.469751	0.451143	0.651887	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
ST13P5	2.212195	0.082105	1.371686	0.059857	0.952269	NA
MAP10	19.73681	0.525998	0.63009	0.834799	0.403831	NA
COX20P1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
CFL1P4	1.46011	-1.91326	1.810838	-1.05656	0.290713	NA
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
AURKAPS1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.843488	2.923514	2.365851	1.235713	0.216565	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DENND1B	178.8826	0.746639	0.292101	2.556094	0.010585	0.048867
RPL5P5	0.715249	-0.95037	2.624937	-0.36205	0.717313	NA
C1orf220	2.153967	2.417005	1.616103	1.495576	0.134764	NA
	866.2683	-0.0076	0.162578	-0.04672	0.962733	0.979674
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PFN1P11	1.101221	-0.557	1.814706	-0.30694	0.758892	NA
	24.26739	-0.24834	0.59989	-0.41397	0.678897	NA
RPL29P7	1.288531	2.391399	2.161427	1.106399	0.268554	NA
SFT2D2	158.9627	-0.01446	0.215231	-0.06719	0.946428	0.970016
RPL31P11	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
	16.56424	0.434212	0.515791	0.841836	0.39988	NA
CCDC19	4.362361	-0.1453	0.981709	-0.14801	0.882334	NA
DARC	13.85062	-0.53572	0.661575	-0.80977	0.418072	NA
FAM24B	2.644003	1.59733	1.479017	1.079994	0.280145	NA
MLLT11	328.252	-0.23584	0.186868	-1.26207	0.206925	0.36412
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NOTCH2NL	94.78146	0.148626	0.325374	0.456786	0.647825	0.766234
HIST2H3DP	5.385629	-0.08047	0.929245	-0.0866	0.930991	NA
YWHAZP5	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA
NRAS	1169.386	0.318454	0.161712	1.96926	0.048923	0.136821
CHUK	986.4978	0.658088	0.157742	4.171914	3.02E-05	0.001198
GSTM2	456.6602	-0.23766	0.185264	-1.28279	0.199564	0.355802
ARHGAP19	300.5711	-0.13271	0.20411	-0.65017	0.515585	0.663079
HNRNPA1P	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
CFL1P2	0.937264	-1.23834	2.063944	-0.59999	0.548514	NA
GBP7	6.498148	-0.38041	0.843949	-0.45075	0.652171	NA
	2.134979	-2.67184	1.875654	-1.42448	0.154307	NA
	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA

RBMXL1	666.5532	-0.08153	0.174596	-0.46698	0.640517	0.76055
KRT8P41	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DNAJC9	153.5355	0.424096	0.251485	1.686366	0.091725	0.210696
LDHAP5	4.42133	-0.79336	1.09671	-0.7234	0.469433	NA
	0.690946	-1.56103	2.699004	-0.57837	0.563013	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
TMX2	3355.11	-0.19914	0.156151	-1.27528	0.20221	0.358669
	10.77556	0.17306	0.658001	0.263009	0.792544	NA
	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
NDUFS3	2060.214	-0.10832	0.168808	-0.64168	0.521084	0.668146
LEPROT	3173.844	0.268148	0.159126	1.685124	0.091965	0.210878
PGGT1BP1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SEC14L1P1	24.37473	0.386137	0.451018	0.856146	0.391917	NA
RPL17P50	4.288867	0.999767	0.997774	1.001997	0.316345	NA
PIGCP1	90.79973	-0.05839	0.251157	-0.2325	0.816148	0.889858
PRDX2P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ANAPC10P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
FAM210CP	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	3.082776	-0.99474	1.252559	-0.79416	0.427101	NA
MRPL23	1954.46	-0.03273	0.138704	-0.236	0.813434	0.888705
TSPAN4	3169.915	-0.3999	0.16	-2.49937	0.012441	0.054606
	0.624422	1.162588	2.733761	0.425271	0.670639	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MYCBP	367.9157	0.097617	0.196795	0.496033	0.619871	0.74446
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
SH3D21	90.77221	-0.57851	0.309436	-1.86956	0.061544	0.160095
HNRNPA1P	0.354779	1.703954	3.657232	0.465914	0.641277	NA
ANKRD36B	87.24764	0.036333	0.267196	0.135978	0.891839	0.936719
	10.57975	0.668855	0.62278	1.073984	0.28283	NA
ALDOAP2	1.621188	1.859647	1.660407	1.119994	0.262716	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
BBIP1	252.5157	0.619676	0.182773	3.390416	6.98E-04	0.008275
AS3MT	191.7705	-0.50249	0.264043	-1.90308	0.05703	0.151387
NUTM2D	7.643819	-1.10894	0.721525	-1.53694	0.124309	NA
PGGT1BP2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RPSAP6	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZSWIM8	2746.651	-0.58959	0.146738	-4.01798	5.87E-05	0.001798
HNRNPUL2	1013.981	-0.26356	0.157966	-1.66845	0.095227	0.215867
METTL12	125.6215	-0.28829	0.231713	-1.24418	0.213434	0.372096
MS4A4E	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
OOSP1	0.766634	1.516849	2.262991	0.670285	0.502676	NA
	60.98826	-0.40709	0.418751	-0.97216	0.33097	0.499446
NPM1P31	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	15.48958	-0.17975	0.596012	-0.30159	0.762961	NA
SMTNL1	0.8427	-0.93379	2.415151	-0.38664	0.699024	NA

MED28P1	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
TMEM14D	1.321867	0.888794	1.796137	0.494836	0.620716	NA
CHCHD3P3	0.862836	1.736629	2.194323	0.791419	0.4287	NA
PARGP1	26.37699	0.247967	0.401467	0.617651	0.536805	NA
	109.7921	0.679772	0.482206	1.409712	0.158625	0.305275
NPM1P24	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	4.451223	1.037885	1.176996	0.881809	0.37788	NA
MUC5AC	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.0491	1.000662	2.336632	0.42825	0.668469	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CELA2B	0.392711	0.292538	3.145221	0.09301	0.925895	NA
TMEM167E	1152.64	0.230351	0.162647	1.416259	0.1567	0.302948
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
FAM72D	5.395043	0.850198	0.941656	0.902875	0.366592	NA
CFL1P6	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TNFRSF25	3.256529	1.793141	1.342954	1.335222	0.181804	NA
SLC35E2	77.50763	-0.3794	0.27862	-1.3617	0.173294	0.325011
	0.450981	2.057325	3.353149	0.61355	0.539513	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
BTNL10	0.555087	0.973802	2.808575	0.346725	0.728798	NA
ZC3H11B	15.60696	0.290563	0.54722	0.53098	0.595433	NA
QRSL1P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	4.788277	-1.02052	0.938194	-1.08775	0.276705	NA
	0.844077	-0.22325	2.189502	-0.10196	0.918786	NA
TSTD1	26.49565	-0.51701	0.516145	-1.00168	0.3165	NA
	10.56221	0.358211	0.7039	0.508895	0.610826	NA
LINC01138	1.932835	-0.51746	1.539434	-0.33614	0.736767	NA
NBPF7	0.460466	0.568655	3.014642	0.188631	0.850382	NA
	0.870886	-0.53073	2.310896	-0.22966	0.818353	NA
KRT18P57	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
CYB5RL	126.4802	-0.15194	0.226398	-0.67114	0.502132	0.652287
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.029037	-0.33495	1.388259	-0.24128	0.809341	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
SEPW1P	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	4.072088	0.36099	1.092158	0.330529	0.741	NA
CROCCP2	380.783	0.228493	0.190562	1.199046	0.23051	0.392685
C1orf167	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TTC34	1.902276	0.990844	1.560755	0.634849	0.525527	NA
MMP23A	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
ATAD3C	0.667861	-2.0782	2.593993	-0.80116	0.42304	NA
	0.720827	0.448488	2.540859	0.17651	0.859893	NA
ANXA2P3	0.926585	-2.43791	2.203722	-1.10627	0.268609	NA
CCDC7	25.52158	0.991193	0.445721	2.223794	0.026162	NA
PPIAP31	1.39931	-0.43358	1.630816	-0.26587	0.790343	NA
	0.847947	-3.45038	2.752525	-1.25353	0.210012	NA

	13.8515	0.28418	0.592117	0.479939	0.631271	NA
MORF4L1P	265.3204	0.289107	0.179755	1.608339	0.107761	0.234362
LINC00339	325.4586	-0.29595	0.190433	-1.55412	0.120157	0.25234
CELA3B	0.162376	0.424913	4.079006	0.104171	0.917034	NA
HNRNPA3P	3.627277	-0.64646	1.032318	-0.62623	0.531167	NA
	0.476449	0.524262	3.402674	0.154073	0.877552	NA
	2.087307	0.208675	1.354452	0.154066	0.877558	NA
MBL3P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NBPF1	612.5897	0.028789	0.204837	0.140547	0.888228	0.934251
RPL12P8	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HIST2H2BD	1.9781	0.647328	1.543328	0.419436	0.674897	NA
DDX18P6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL21P28	4.235679	-0.32806	0.990553	-0.33119	0.740499	NA
MTMR9LP	1848.017	0.593803	0.293174	2.025429	0.042823	0.125942
	18.57263	1.072852	0.537152	1.997297	0.045793	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	4.173511	0.553341	1.024973	0.539859	0.589294	NA
MIR1254-1	0.488709	2.119056	3.307564	0.64067	0.521737	NA
RNU6ATAC	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU6ATAC	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR320B2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNORD99	4.43424	1.064895	0.983699	1.082541	0.279012	NA
SNORA77	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
MIR1290	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	16.03305	0.380778	0.564789	0.674197	0.500186	NA
C1orf229	1.637374	1.223851	1.56921	0.779915	0.435441	NA
FADS3	1349.321	-0.44744	0.181576	-2.46422	0.013731	0.058409
CCNL2	1255.425	0.635851	0.155958	4.077072	4.56E-05	0.001558
MYBPHL	0.668852	1.246964	2.610519	0.477669	0.632886	NA
BTBD19	183.3659	0.352466	0.223434	1.577493	0.114682	0.244173
DCDC2B	0.880631	-1.73238	2.414456	-0.7175	0.473064	NA
RNU6-116	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR1915	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
RNA5SP31	0.420954	1.923376	3.462803	0.555439	0.578594	NA
RN7SKP16	1.752566	0.483454	1.698619	0.284616	0.775939	NA
SNORA36B	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU2-59P	1.66072	1.41188	1.770174	0.797594	0.425106	NA
RNA5SP33	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU2-42P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU2-70P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU2-38P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR1537	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-124	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNA5SP30	0.78443	-2.34592	2.507874	-0.93542	0.34957	NA

	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
RNU6-387P	0.440301	0.468383	3.449808	0.135771	0.892003	NA
HIST2H2BA	1.160722	2.193377	1.991761	1.101225	0.270799	NA
	1.87189	1.070262	1.669165	0.641196	0.521395	NA
SEC22B	2927.984	0.08331	0.147656	0.564217	0.572607	0.708586
	22.75773	1.130747	0.47293	2.390942	0.016805	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	4.35542	-0.02653	1.002167	-0.02647	0.97888	NA
RPS10P7	20.00212	-0.83251	0.462331	-1.80067	0.071755	NA
RPS26P15	1.510061	-1.22497	1.912065	-0.64065	0.521749	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	11.71504	0.027107	0.619534	0.043754	0.965101	NA
NUTM2A-A	267.149	0.169905	0.179667	0.945668	0.344318	0.512394
	0.638825	1.117948	3.106359	0.35989	0.718929	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
KIF28P	1.616593	1.302318	1.799016	0.723906	0.469124	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS15AP5	0.288605	1.443619	4.029058	0.358302	0.720117	NA
RBMX2P3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.418308	0.350852	1.643553	0.213472	0.830959	NA
	1.005222	-1.76557	2.135341	-0.82683	0.408331	NA
HBD	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	2.88101	0.391059	1.222954	0.319766	0.749146	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ADH5P3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	33.30528	0.375278	0.389871	0.962569	0.335764	NA
TSSC2	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	13.3444	-0.3589	0.559822	-0.6411	0.521455	NA
	1.143158	2.223222	2.00111	1.110994	0.266571	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LGALS8-AS1	2.056195	-1.8206	1.65918	-1.09729	0.272516	NA
	3.498731	0.553286	1.057234	0.523334	0.600742	NA
	30.71966	0.078972	0.374107	0.211096	0.832813	NA
	0.452561	2.061505	3.349456	0.615474	0.538241	NA
CFL1P1	24.71598	0.689798	0.486117	1.418994	0.155901	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CCNJP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.682109	-0.11615	1.162354	-0.09992	0.920406	NA
	12.77887	0.746213	0.638105	1.169421	0.242234	NA
SNRPD2P2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
HNRNPRP1	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA

	1.010809	2.054089	2.306032	0.890746	0.373065	NA	
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA	
	3.407031	0.756828	1.145738	0.660559	0.508895	NA	
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
HMGN1P4	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
GLTPD1	977.8179	-0.33107	0.165614	-1.99905	0.045603	0.130744	
	0.616518	2.49285	2.980788	0.836306	0.402983	NA	
LINC01057	33.98436	-0.46675	0.387044	-1.20594	0.22784	NA	
	0.938495	0.819106	2.155823	0.379951	0.703982	NA	
	663.3293	0.096117	0.195926	0.49058	0.623724	0.7478	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
SDHDP6	1.890309	-0.88832	2.005201	-0.44301	0.657761	NA	
	1.501019	-1.35042	1.798237	-0.75097	0.45267	NA	
LINC00466	7.660573	-0.03391	0.743278	-0.04562	0.963611	NA	
	11.37874	-0.28913	0.61269	-0.47191	0.636993	NA	
WARS2-IT1	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
PDCL3P6	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	37.58193	1.003878	0.466064	2.153949	0.031244	NA	
	1.290906	-0.9649	1.844052	-0.52325	0.600799	NA	
IFIT6P	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.654246	2.541085	3.009764	0.84428	0.398513	NA	
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
RPL7P7	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
	0.324752	1.53082	4.022025	0.380609	0.703493	NA	
	2.659023	-0.34535	1.242982	-0.27784	0.781136	NA	
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	
LINC00703	1.505106	-2.35873	2.214667	-1.06505	0.286854	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	6.851224	0.72748	0.858963	0.846928	0.397035	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	3.484291	0.586232	1.126666	0.520325	0.602837	NA	
	1.39478	0.860979	1.847866	0.465931	0.641265	NA	
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	
HNRNPA3P	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
KRT8P45	0.75318	-2.10401	2.55086	-0.82482	0.409472	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	3.544459	-0.77103	1.091738	-0.70624	0.480037	NA	
	1.804695	0.942614	1.666796	0.565525	0.571717	NA	
FAM96AP2	1.044588	-1.04753	2.032811	-0.51531	0.606337	NA	
	0.326536	0.037056	3.842554	0.009644	0.992306	NA	
ZMIZ1-AS1	2.893024	-0.88112	1.188539	-0.74134	0.458485	NA	
PTCHD3P1	1465.686	0.112515	0.162178	0.693773	0.487825	0.640674	
	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	13.18016	0.408459	0.589154	0.693298	0.488122	NA	
	0.586491	2.39072	2.689057	0.889055	0.373973	NA	

IPO8P1	3.812015	-0.35929	1.014609	-0.35411	0.723253	NA	
PLA2G12AF	3.001557	0.520879	1.164306	0.447373	0.654606	NA	
RASAL2-AS	15.41322	0.027377	0.586325	0.046693	0.962758	NA	
UBE2D3P3	4.274222	1.573184	1.139664	1.380393	0.167466	NA	
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA	
LAMTOR5-A	2.096406	0.696389	1.379677	0.504748	0.613736	NA	
CEP57L1P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
FCF1P7	0.488709	2.119056	3.307564	0.64067	0.521737	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
SHMT1P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
FDPSP8	0.644964	2.579089	2.975624	0.866739	0.386085	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
LINC00853	0.940076	0.824756	2.188343	0.376886	0.706258	NA	
	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA	
TMEM72-A	0.967145	0.230519	2.075373	0.111074	0.911558	NA	
	255.4012	-0.14614	0.240197	-0.60841	0.542916	0.684928	
GCSHP5	0.35636	1.709252	3.651833	0.468053	0.639746	NA	
LINC00502	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	457.499	-0.0647	0.15377	-0.42078	0.673918	0.786547	
BEND3P3	5.434059	-0.35757	0.857096	-0.41719	0.67654	NA	
	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA	
LINC00863	33.87422	-0.05045	0.38866	-0.12982	0.896712	NA	
	3.79911	-0.05293	1.020515	-0.05187	0.958635	NA	
LINC00184	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
	7.10184	0.904764	1.014074	0.892207	0.372282	NA	
	1.790798	0.241408	1.584876	0.15232	0.878935	NA	
KCNC4-AS1	0.653015	0.2552	2.787103	0.091565	0.927044	NA	
	0.422534	1.924583	3.001758	0.641152	0.521424	NA	
	0.528424	-0.38142	2.853651	-0.13366	0.893671	NA	
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA	
PPP1R8P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
SNX18P15	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.586491	2.39072	2.689057	0.889055	0.373973	NA	
	0.654449	1.296029	2.63083	0.492631	0.622273	NA	
LINC00337	9.954373	-0.62895	0.639753	-0.98312	0.325549	NA	
DAP3P1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
ATP6V1E1F	1.460955	0.943975	1.856661	0.508426	0.611155	NA	
	3.011174	-0.98124	1.122724	-0.87398	0.382128	NA	
LINC00999	22.80794	-0.30621	0.463868	-0.66012	0.509178	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
DYNC1I2P1	7.241836	0.424388	0.837642	0.506645	0.612404	NA	
	7.871297	-0.71989	0.725942	-0.99166	0.321363	NA	
NPM1P39	11.89634	0.548333	0.619927	0.884513	0.376419	NA	
BRI3P1	0.288605	1.443619	4.029058	0.358302	0.720117	NA	
DUTP6	0.288605	1.443619	4.029058	0.358302	0.720117	NA	

	0.260158	1.240347	4.047124	0.306476	0.759242	NA
ZNF33BP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR137HG	16.56734	0.141242	0.560323	0.252073	0.800985	NA
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
HSPA7	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	181.5037	0.10629	0.217356	0.489012	0.624833	0.74847
	36.41408	0.304915	0.364493	0.836546	0.402848	NA
LINC00705	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
OSTCP2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	5.949922	-0.52171	0.863257	-0.60435	0.545613	NA
	13.13028	0.08415	0.642721	0.130928	0.895832	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	2.126672	0.355758	1.367755	0.260104	0.794784	NA
ARL6IP1P2	0.792452	-2.15617	2.562821	-0.84133	0.400166	NA
SFTA1P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TGIF2P1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
TNPO1P1	0.900767	0.808531	1.963257	0.411831	0.680463	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS15AP1(	0.765054	1.506026	2.496832	0.603175	0.546392	NA
FDPSP1	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	1.393935	-2.09637	1.832113	-1.14424	0.252526	NA
	77.19094	-0.05395	0.292881	-0.1842	0.853853	0.913247
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
GBP1P1	0.975407	0.039022	2.314857	0.016857	0.98655	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
CYP4A22-A	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	3.294766	-1.1324	1.200938	-0.94293	0.345719	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.717609	0.516981	3.063469	0.168757	0.865988	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
C2CD4D	12.98362	-0.29053	0.7108	-0.40873	0.682735	NA
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
	0.651288	1.289307	2.633717	0.489539	0.62446	NA
MTOR-AS1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
	45.44657	0.483869	0.358459	1.349857	0.177062	NA
AGBL4-IT1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MTND2P28	9.535166	-0.87784	0.6702	-1.30981	0.19026	NA
	5.095411	0.128713	0.999332	0.128799	0.897517	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	2.626467	0.572296	1.252999	0.456741	0.647857	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA

ATP5G2P1	0.819558	-2.40918	2.432038	-0.9906	0.321881	NA	
	1.553782	0.573128	1.572738	0.364414	0.715549	NA	
NRG3-AS1	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	4.89692	-0.39774	0.986816	-0.40306	0.686905	NA	
	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
	31.9586	-0.42954	0.603782	-0.71142	0.476825	NA	
PROSER2-A	2.115985	-1.28611	1.367822	-0.94026	0.347083	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	16.5199	0.520484	0.509312	1.021934	0.306812	NA	
LINC00626	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
FAM229A	35.87037	0.46041	0.415352	1.10848	0.267654	NA	
ERCC6	508.6122	0.799403	0.167017	4.786367	1.70E-06	2.24E-04	
	1.040001	0.161297	2.078712	0.077595	0.938151	NA	
RUSC1-AS1	43.53812	0.068076	0.326965	0.208206	0.835068	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
LINC00115	5.794556	-0.11904	0.893969	-0.13316	0.89407	NA	
	7.527701	-0.86029	0.779226	-1.10403	0.269582	NA	
	0.508056	0.731032	2.861912	0.255435	0.798387	NA	
	0.324752	1.53082	4.022025	0.380609	0.703493	NA	
RIMKLBP2	1.625501	-0.42008	1.608465	-0.26117	0.793964	NA	
	4.211125	-1.55004	1.004879	-1.54251	0.122949	NA	
MTND1P23	4001.098	-0.32659	0.163256	-2.00051	0.045445	0.130606	
HMGB1P26	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
	0.288605	1.443619	4.029058	0.358302	0.720117	NA	
KCNIP2-AS1	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA	
CCT8P1	18.61826	0.679978	0.501842	1.354964	0.175429	NA	
	3.134613	0.224642	1.137984	0.197403	0.843512	NA	
	11.03865	0.960513	0.682043	1.408288	0.159046	NA	
ZNF503-AS	1.811425	-0.28142	1.691423	-0.16638	0.867858	NA	
LINC00869	20.85342	-0.15593	0.462084	-0.33744	0.735782	NA	
SLC39A12-A	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	15.06922	0.834198	0.574591	1.451811	0.146554	NA	
EIF3LP3	0.555087	0.973802	2.808575	0.346725	0.728798	NA	
	1.957487	-1.47079	1.568454	-0.93773	0.348383	NA	
PSMC1P12	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
SLC25A39P	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
AP4B1-AS1	4.758293	0.134486	0.948652	0.141765	0.887266	NA	
	7.089677	0.114626	0.748586	0.153123	0.878301	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
LEMD1-AS1	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
ZNF32-AS1	1.728418	1.57973	1.632683	0.967567	0.333261	NA	
	11.59615	0.337155	0.786766	0.428532	0.668264	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	1.255896	0.001954	2.021155	9.67E-04	0.999229	NA	
	0.672013	1.253691	2.607776	0.480751	0.630693	NA	

	14.1121	-1.25852	0.564433	-2.2297	0.025767	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	48.31458	-0.06023	0.314783	-0.19133	0.84827	0.909573
PARD3-AS1	1.556514	-1.92657	1.793358	-1.07428	0.282698	NA
RPS14P3	13.77757	0.712902	0.650113	1.096582	0.272824	NA
RPL23P11	0.327913	1.543154	4.021063	0.383768	0.701151	NA
TPI1P1	70.78455	-0.13723	0.284748	-0.48195	0.629841	0.752244
SLC16A1-A	30.72499	0.531216	0.41044	1.294258	0.195576	NA
	0.815245	1.670886	2.214146	0.754641	0.450464	NA
	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GAPDHP32	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
NOTCH2P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.139355	-2.01403	2.05367	-0.9807	0.326743	NA
RPA2P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	1.207956	1.431596	1.927393	0.742763	0.457625	NA
KIRREL-IT1	0.556667	0.972496	2.522454	0.385536	0.699841	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
TRAF6P1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.872321	0.678609	2.011629	0.337343	0.735858	NA
	1.476193	2.630491	1.892307	1.390097	0.164499	NA
RPL7P37	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	1.415497	-0.96742	1.679672	-0.57596	0.564643	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
ENTPD1-AS	35.88345	0.03833	0.38358	0.099926	0.920403	NA
	37.34339	-0.48176	0.372349	-1.29384	0.19572	NA
	0.458885	0.577525	3.449278	0.167433	0.867029	NA
	1.18812	-0.45987	2.292512	-0.2006	0.841014	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.313991	-0.53321	1.770244	-0.30121	0.763258	NA
	0.957843	0.061519	2.068681	0.029738	0.976276	NA
	20.01975	-0.21168	0.487088	-0.43457	0.663872	NA
DISC1-IT1	1.121588	-1.32591	2.108778	-0.62876	0.529507	NA
FABP7P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HNRNPA3P	0.410275	0.244283	3.100889	0.078778	0.937209	NA
LINC00840	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.045872	-1.31674	2.456371	-0.53605	0.591923	NA
	5.278252	0.290087	0.867834	0.334266	0.738179	NA
	2.019755	-0.21719	1.385839	-0.15672	0.875466	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

ATE1-AS1	2.669646	-0.19974	1.175537	-0.16991	0.865081	NA
	2.988009	-0.62454	1.180146	-0.52921	0.596662	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	11.50838	-0.08492	0.631291	-0.13452	0.892995	NA
CEP164P1	0.622842	1.158846	2.735323	0.42366	0.671814	NA
	25.92463	0.024575	0.500031	0.049148	0.960802	NA
	82.70647	-0.07966	0.329886	-0.24149	0.809178	0.885851
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
RHEBP2	0.843488	2.923514	2.365851	1.235713	0.216565	NA
HAUS4P1	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
	2.384076	0.044259	1.355317	0.032656	0.973949	NA
	0.947944	-0.02704	2.20277	-0.01228	0.990206	NA
NBPF2P	1.465688	-0.81787	1.578746	-0.51805	0.604423	NA
	5.522295	-0.27325	0.860357	-0.3176	0.750789	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.738391	0.402625	2.276191	0.176885	0.859599	NA
	2.189144	1.004458	1.585016	0.633721	0.526263	NA
HMGB3P8	0.572651	0.928649	2.780261	0.334015	0.738368	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC00595	1.946346	1.109615	1.463021	0.75844	0.448187	NA
	0.748867	2.740193	2.468928	1.109871	0.267054	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
WDR11-AS	1.551007	-0.72774	1.546985	-0.47043	0.638051	NA
MYL6P3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.859683	-0.49983	1.84375	-0.27109	0.78632	NA
GLUD1P7	0.738188	1.39874	2.317793	0.603479	0.54619	NA
PFN1P9	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RPL31P12	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
PFN1P7	0.420954	1.923376	3.462803	0.555439	0.578594	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
WASH7P	35.24847	0.059552	0.368636	0.161547	0.871663	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
NBPF13P	4.86153	0.164023	0.975024	0.168225	0.866406	NA
LINC00845	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
KLLN	42.81724	-0.77581	0.349018	-2.22283	0.026227	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ELL2P1	0.947944	-0.02704	2.20277	-0.01228	0.990206	NA
	0.518736	2.237423	2.7713	0.807355	0.419462	NA
PARG	237.4782	0.507428	0.218193	2.32559	0.02004	0.07588
NANOGP6	0.70046	1.37107	2.594868	0.528378	0.597237	NA

LINC00866	0.984737	-2.5904	2.366084	-1.0948	0.273603	NA
TP73-AS1	1002.105	-0.16608	0.159521	-1.04109	0.297835	0.464828
	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	0.919351	0.885831	2.421371	0.365839	0.714485	NA
EIF4A2P2	2.587248	0.050618	1.233937	0.041021	0.967279	NA
ZMYM4-AS	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.430735	0.40353	2.158823	0.186922	0.851722	NA
	12.25362	0.486641	0.790183	0.615859	0.537988	NA
	2.792114	0.320313	1.289509	0.248399	0.803826	NA
SLC2A1-AS1	23.85525	-0.36751	0.424817	-0.8651	0.386984	NA
	8.863515	0.770768	0.72968	1.05631	0.290827	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
PHBP11	0.554095	-2.96528	3.108533	-0.95392	0.340127	NA
LINC01132	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
MIR3916	99.3258	1.358538	0.316157	4.297034	1.73E-05	8.54E-04
DNMBP-AS	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.192608	0.816572	1.350765	0.604526	0.545494	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.452059	-0.1661	1.670582	-0.09943	0.920799	NA
	7.998798	0.58217	0.786164	0.74052	0.458984	NA
CALR4P	0.572651	0.928649	2.780261	0.334015	0.738368	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ASH1L-IT1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	119.6894	-0.382	0.228693	-1.67037	0.094845	0.215442
GLUD1P2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
FAM212B-A	2.51582	-1.54961	1.478323	-1.04822	0.294538	NA
	1.144885	1.758273	2.389324	0.735887	0.461799	NA
SEPT2P1	2.787702	-0.54395	1.227666	-0.44308	0.657711	NA
	0.788379	1.583268	2.566172	0.616976	0.53725	NA
RPS26P13	0.621261	1.168072	3.136787	0.372379	0.709611	NA
	6.087027	0.844595	0.81341	1.038338	0.299113	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.504255	-0.92795	1.27986	-0.72504	0.468429	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	3.546119	0.816607	1.090543	0.748808	0.453973	NA
	1.351894	0.976798	1.815732	0.537964	0.590602	NA
	1.142167	-0.11411	2.006648	-0.05686	0.954653	NA

	2.806488	-0.84723	1.267362	-0.6685	0.503814	NA	
PRKRIRP3	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	14.00651	0.279196	0.608414	0.458892	0.646312	NA	
HNRNPA1P	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.410275	0.244283	3.100889	0.078778	0.937209	NA	
	0.585114	1.12675	2.73598	0.411827	0.680466	NA	
	1.281364	-0.71591	1.774413	-0.40346	0.686607	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
RANP5	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
CFL1P3	0.422737	0.518872	3.501356	0.148192	0.882191	NA	
SEC63P1	4.254832	0.286917	0.979867	0.292812	0.769666	NA	
	0.716471	-2.03238	2.582811	-0.78689	0.431348	NA	
	3.009819	0.446123	1.160579	0.384397	0.700684	NA	
	11.97778	-0.05696	0.615424	-0.09256	0.926256	NA	
	0.394291	0.298745	3.141711	0.09509	0.924243	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	5.117625	-0.50486	0.898196	-0.56208	0.57406	NA	
	119.4596	0.21868	0.242733	0.900907	0.367638	0.534761	
ST13P19	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
PHBP3	0.288605	1.443619	4.029058	0.358302	0.720117	NA	
LINC00568	1.598452	0.120209	1.543205	0.077896	0.937911	NA	
	1.652366	-0.32069	1.531078	-0.20945	0.834095	NA	
	8.209933	0.162492	0.701023	0.231793	0.816699	NA	
PPIAP19	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	10.31474	-0.11917	0.620814	-0.19196	0.847775	NA	
GEMIN8P4	17.41399	-0.32736	0.548248	-0.59711	0.550437	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	1.259656	-0.65019	1.760499	-0.36932	0.71189	NA	
	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
NPM1P30	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
EFCAB14-A	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
UBBP2	0.394291	0.298745	3.141711	0.09509	0.924243	NA	
	0.719393	-0.9644	2.652838	-0.36354	0.716204	NA	
	1.163601	-2.7311	2.310237	-1.18217	0.237138	NA	
	1.210913	2.305897	2.03591	1.132612	0.257377	NA	
PCAT6	45.84956	-0.14024	0.34336	-0.40844	0.682953	NA	
	3.426838	2.869292	1.367437	2.098299	0.035879	NA	
	12.23388	-0.28294	0.635702	-0.44508	0.656265	NA	
	0.899573	-1.00757	2.384851	-0.42249	0.67267	NA	
AMD1P1	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
EFCAB14P1	0.719043	1.433043	2.335048	0.61371	0.539407	NA	
ITPKB-IT1	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
	4.878348	-0.49565	0.992872	-0.49921	0.617631	NA	
	0.956059	0.787678	2.36595	0.332923	0.739193	NA	
	3.140462	0.966115	1.2711	0.760062	0.447217	NA	

	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	14.94737	0.058903	0.535977	0.109899	0.912489	NA
	3.925127	-0.41739	1.021011	-0.4088	0.682687	NA
	5.078387	0.059412	0.865596	0.068637	0.945279	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	8.312605	-0.04664	0.690388	-0.06756	0.946135	NA
	0.774539	0.39797	2.296349	0.173305	0.862411	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
GRK5-IT1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
EEF1A1P11	27.81032	-0.1723	0.421954	-0.40834	0.683022	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.854165	0.061623	0.808101	0.076256	0.939215	NA
	5.19545	1.247508	1.03	1.211174	0.225829	NA
ITPKB-AS1	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	1.782739	-0.05743	1.614198	-0.03558	0.971618	NA
SPCS2P4	4.579869	-0.70011	1.002728	-0.69821	0.485048	NA
C1orf233	1477.519	-0.23369	0.14166	-1.64967	0.099011	0.221873
	5.101233	0.368884	0.946307	0.389814	0.696674	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.496357	2.668981	1.845797	1.445977	0.148184	NA
	13.89481	-0.18294	0.610999	-0.29941	0.764626	NA
	1.389825	0.28982	1.646534	0.176018	0.860279	NA
	1.170171	1.843131	2.071651	0.889692	0.373631	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TNKS2-AS1	16.27852	0.269276	0.569138	0.47313	0.63612	NA
	0.772958	0.415176	2.577252	0.161092	0.872021	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	1.514445	-1.85382	1.951264	-0.95006	0.34208	NA
	0.70046	1.37107	2.594868	0.528378	0.597237	NA
FAF2P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC01128	187.1272	-3.32E-04	0.191344	-0.00173	0.998617	0.999371
AK3P5	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	3.399651	2.128942	1.34967	1.577379	0.114708	NA
	0.747636	0.735436	2.634453	0.279161	0.780122	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	1.120219	0.417842	1.804388	0.23157	0.816872	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	43.58277	0.088355	0.374556	0.235893	0.813516	NA
SNRPD2P1	0.69238	0.295083	2.603008	0.113362	0.909743	NA
AKT3-IT1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ACTBP14	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
AKR7A2P1	1.208102	0.723565	1.850162	0.391082	0.695737	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA

	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC01165	1.426176	-0.29008	1.685773	-0.17207	0.86338	NA
CALM2P2	1.846496	-0.60587	1.5496	-0.39099	0.695807	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CYCSP4	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
VIM-AS1	13.87362	0.42329	0.558589	0.757784	0.448581	NA
RPS7P4	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	3.096913	-0.62368	1.158402	-0.5384	0.590302	NA
	1.239506	1.943067	2.060745	0.942896	0.345734	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ST13P13	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.45782	-0.09859	1.838232	-0.05364	0.957226	NA
	6.71997	1.880122	0.937054	2.006419	0.044812	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	23.7869	0.032541	0.425025	0.076562	0.938972	NA
HYI-AS1	2.049607	-1.04999	1.364257	-0.76964	0.441511	NA
HMGN2P19	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	13.97455	-0.76342	0.593599	-1.28609	0.198413	NA
	9.653704	0.174483	0.743141	0.234791	0.814371	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	61.78128	1.531877	0.402925	3.80189	1.44E-04	0.003158
	1.413713	-0.46869	1.759142	-0.26643	0.789905	NA
NPM1P25	1.118842	-0.14871	1.94468	-0.07647	0.939045	NA
	2.423677	-0.99396	1.3533	-0.73447	0.462661	NA
	0.614937	2.493639	2.617677	0.952615	0.340785	NA
LYST-AS1	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	1.266612	0.746194	1.745721	0.427442	0.669058	NA
	21.61164	0.344614	0.523266	0.658584	0.510163	NA
	0.719043	1.433043	2.335048	0.61371	0.539407	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
HNRNPA1P	1.05103	-0.7935	2.094237	-0.3789	0.704763	NA
	12.18101	-0.03736	0.571771	-0.06534	0.947903	NA
SSU72P7	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.488207	-0.17791	1.698666	-0.10474	0.916584	NA
NKX1-2	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
	1.664626	0.191034	1.497529	0.127566	0.898493	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.586491	2.39072	2.689057	0.889055	0.373973	NA
	2.334257	1.49891	1.427213	1.050236	0.29361	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NAMPTL	49.15548	0.631224	0.424006	1.488715	0.136563	0.275613

	2.49477	-0.52702	1.401337	-0.37609	0.706853	NA
	10.1302	0.582943	0.684877	0.851164	0.394678	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ASNSP5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.364154	2.182193	1.9921	1.095424	0.273331	NA
RPL7P10	0.326333	1.533889	3.826878	0.40082	0.688553	NA
UBE2Q1-AS	0.963147	-0.83257	2.358641	-0.35299	0.724097	NA
SLC25A38P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNRPFP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.010867	1.461946	1.204451	1.213786	0.224829	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ISCA1P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	4.075388	1.659961	1.076222	1.542397	0.122977	NA
	2.054954	1.273794	1.497066	0.85086	0.394847	NA
EMX2OS	1.326462	1.54459	1.923183	0.803143	0.421892	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.572651	0.928649	2.780261	0.334015	0.738368	NA
	19.46373	-0.46187	0.464356	-0.99464	0.319912	NA
HNRNPA1P	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
RHEBP1	2.137555	0.433445	1.355399	0.319792	0.749126	NA
YWHAZP3	20.90081	0.155686	0.493304	0.315598	0.752308	NA
	19.72124	-0.69015	0.466397	-1.47975	0.138939	NA
ZRANB2-AS	10.72946	-0.26205	0.651441	-0.40226	0.687494	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.307318	1.582229	1.879481	0.841843	0.399876	NA
	0.548763	2.343695	3.135478	0.747476	0.454776	NA
MIR181A1H	0.774742	-0.40577	2.223483	-0.18249	0.855195	NA
AKR1B1P1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RPL5P4	2.550694	0.695799	1.394547	0.498942	0.61782	NA
	1.494374	-1.03816	1.752549	-0.59237	0.553604	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
TMEM254-	15.50138	0.618186	0.562973	1.098074	0.272172	NA
	1.525336	0.472832	1.602087	0.295135	0.767891	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	15.19014	0.685568	0.531675	1.289449	0.197242	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	22.44107	0.182523	0.478152	0.381726	0.702665	NA
RPL22P18	0.661122	-3.06315	2.98049	-1.02773	0.304076	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SMYD3-IT1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA

PHBP9	3.59893	0.975603	1.18979	0.819979	0.412228	NA
	0.803131	-0.76693	2.349822	-0.32638	0.744138	NA
HNRNPA1P	2.179413	-0.57541	1.515979	-0.37956	0.704272	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
BANF1P2	1.110174	1.280534	2.2388	0.571973	0.56734	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	2.013017	-0.32834	1.438204	-0.2283	0.819412	NA
	5.613144	0.312056	0.856669	0.364266	0.715659	NA
RPL4P3	1.389476	1.604276	1.701484	0.942869	0.345748	NA
	3.309869	0.431586	1.139166	0.378861	0.704791	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC00856	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	3.323157	1.60396	1.206803	1.329098	0.183816	NA
RSU1P1	0.410275	0.244283	3.100889	0.078778	0.937209	NA
ERVMER61	2.094183	-1.68969	1.465687	-1.15283	0.24898	NA
	3.556719	-0.49511	1.050763	-0.47119	0.637505	NA
LRRC37A6P	1.15555	-0.20065	2.223695	-0.09023	0.928102	NA
PROX1-AS1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.681112	2.620532	2.519661	1.040033	0.298324	NA
ANKRD30B	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.612424	0.50933	1.256884	0.405233	0.685307	NA
	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA
HMGB1P11	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.560455	-1.53619	1.708948	-0.89891	0.368702	NA
	19.73409	-0.44549	0.456286	-0.97634	0.328898	NA
ZNF32-AS2	9.013796	1.776326	0.777176	2.285615	0.022277	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PHBP12	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.629726	-0.22725	2.732935	-0.08315	0.93373	NA
	2.493575	-1.37122	1.292426	-1.06096	0.288707	NA
	0.631307	-0.20384	3.097925	-0.0658	0.947537	NA
	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
SETSIP	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
ENO1-AS1	0.777314	2.821035	2.404647	1.17316	0.240732	NA
	1.693073	0.276824	1.517715	0.182395	0.855272	NA
LINC01001	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	3.051888	0.221958	1.236967	0.179437	0.857594	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	3.290033	-0.26187	1.142388	-0.22923	0.818688	NA
PSAT1P3	0.440301	0.468383	3.449808	0.135771	0.892003	NA
	343.7728	0.237042	0.203535	1.164627	0.24417	0.406893
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.430568	0.993923	1.70292	0.583658	0.55945	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
RPEP3	0.326333	1.533889	3.826878	0.40082	0.688553	NA

	0.410275	0.244283	3.100889	0.078778	0.937209	NA
GOT2P2	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
	4.103229	0.507794	1.077966	0.471066	0.637593	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
CTGLF10P	0.736607	1.395844	2.318642	0.602009	0.547168	NA
	0.555087	0.973802	2.808575	0.346725	0.728798	NA
	18.84406	-0.83674	0.469427	-1.78247	0.074673	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	4.537932	0.675692	0.997928	0.677095	0.498346	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	44.17169	-0.08102	0.316731	-0.25581	0.798095	NA
	5.61525	0.138147	0.866339	0.159461	0.873306	NA
	0.949727	-0.95431	2.383855	-0.40032	0.688919	NA
	0.941473	1.959123	2.152875	0.910003	0.362821	NA
	0.845418	1.095819	2.535106	0.432258	0.665554	NA
	7.993088	0.183231	0.80705	0.227039	0.820394	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
GYG1P3	4.295865	-0.26096	1.141591	-0.2286	0.819183	NA
	1.53222	-0.24624	1.840826	-0.13376	0.893589	NA
	0.950755	1.904765	2.40482	0.792061	0.428325	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.588072	2.39955	3.098804	0.774347	0.438726	NA
	1.103996	1.740043	2.131488	0.816351	0.414299	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	2.106443	-1.1289	1.368162	-0.82512	0.409302	NA
	9.894646	-0.44021	0.726392	-0.60602	0.544499	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GLUD1P6	1.379	0.36119	1.668785	0.216439	0.828646	NA
CCDC147-A	2.724352	-1.78843	1.303057	-1.37249	0.169911	NA
C1DP1	20.42699	0.840425	0.487553	1.723763	0.084751	NA
	1.755873	-0.13678	1.568634	-0.0872	0.930513	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC00704	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
RPL34P6	0.815245	1.670886	2.214146	0.754641	0.450464	NA
	2.006225	0.394572	1.60469	0.245887	0.80577	NA
LINC01160	1.331766	0.790302	2.090457	0.378052	0.705392	NA
	2.091894	-0.46434	1.479118	-0.31393	0.753575	NA
	88.63616	-0.01137	0.274756	-0.04137	0.966997	0.981674
	7.371	0.94281	0.744899	1.265688	0.205625	NA
	1.396003	0.40896	1.86007	0.219863	0.825978	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	1.264828	1.410059	1.995098	0.706762	0.479715	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
PRDX3P2	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA

	0.490493	0.776209	2.895261	0.268096	0.788625	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.35356	-0.61965	2.121437	-0.29209	0.770217	NA
	1.342677	-0.80138	1.862188	-0.43034	0.666947	NA
LINC01037	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	15.0359	0.736926	0.524274	1.405615	0.159839	NA
	1.366683	-0.61531	1.76266	-0.34908	0.727028	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.757324	-2.08271	2.587512	-0.80491	0.420873	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.965637	0.575394	1.419817	0.405259	0.685287	NA
EMBP1	0.918331	0.764804	2.118268	0.361052	0.718061	NA
MIR4426	12.75471	0.364362	0.697669	0.522256	0.601492	NA
	282.2498	-0.0594	0.202713	-0.29304	0.769488	0.857357
	2.231916	0.810284	1.423104	0.569378	0.5691	NA
	0.69238	0.295083	2.603008	0.113362	0.909743	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
IPO9-AS1	2.332916	0.99215	1.398314	0.709533	0.477994	NA
RPS7P3	3.567681	1.170429	1.072849	1.090954	0.275293	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.577209	2.423681	3.646109	0.664731	0.506223	NA
	2.718662	-0.63292	1.203011	-0.52611	0.598809	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	49.4659	-0.12477	0.334673	-0.3728	0.709294	0.814006
CAP1P2	13.13696	0.040131	0.615219	0.065231	0.94799	NA
HSPE1P25	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.998865	-0.57147	1.465583	-0.38992	0.696592	NA
	1.330121	-1.83415	1.905355	-0.96263	0.335733	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
MRPL35P2	1.784319	-0.05578	1.614116	-0.03456	0.97243	NA
LINC01031	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.705625	0.010557	0.808291	0.013061	0.989579	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
RPS15AP12	2.217141	-0.60446	1.362968	-0.44349	0.657412	NA
LINC00867	0.672013	1.253691	2.607776	0.480751	0.630693	NA
	3.303277	0.037364	1.188021	0.031451	0.97491	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

CNOT7P2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
LINC00202	0.35636	1.709252	3.651833	0.468053	0.639746	NA
LINC00865	34.07387	-0.10117	0.42399	-0.23861	0.811406	NA
ASCL5	0.422737	0.518872	3.501356	0.148192	0.882191	NA
FTH1P1	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	6.192874	-0.27407	0.786338	-0.34854	0.727438	NA
GNG12-AS1	34.80291	-0.03922	0.39103	-0.1003	0.920104	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
RPL4P2	1.015699	0.142451	2.181052	0.065313	0.947925	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	7.280297	0.297124	0.739609	0.401731	0.687882	NA
	1.281015	0.71131	1.742215	0.408279	0.683069	NA
RPL5P6	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	6.06069	1.705329	1.079252	1.580102	0.114083	NA
	14.99332	-0.2464	0.584062	-0.42187	0.673118	NA
	4.149349	0.256032	1.006476	0.254385	0.799198	NA
	0.891311	-0.69809	2.403604	-0.29043	0.771484	NA
	1.284314	-2.91715	2.227383	-1.30968	0.190306	NA
	7.623211	0.384473	0.728031	0.5281	0.59743	NA
	0.952539	0.987729	2.327171	0.424433	0.67125	NA
	22.01654	0.547966	0.47699	1.148799	0.250639	NA
	0.4986	-1.64638	3.317584	-0.49626	0.619712	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RSU1P2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.833158	-0.52049	2.521552	-0.20642	0.836464	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	12.62988	0.140485	0.64454	0.217962	0.827458	NA
	0.402398	-2.58771	4.018369	-0.64397	0.519595	NA
	0.697685	-0.92563	2.353044	-0.39338	0.694041	NA
IDI2-AS1	17.89073	-0.32509	0.514801	-0.63149	0.52772	NA
	4.651997	-0.70875	1.047718	-0.67647	0.498743	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	5.34214	0.540786	1.000101	0.540732	0.588692	NA
	0.653015	0.2552	2.787103	0.091565	0.927044	NA
ARID4B-IT1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MARK2P9	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	1.910345	0.57799	1.57782	0.366322	0.714125	NA
ANKRD20A	0.563552	-0.48645	2.808029	-0.17324	0.862465	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.654246	2.541085	3.009764	0.84428	0.398513	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	3.891202	0.823048	1.029009	0.799846	0.4238	NA
TXNP1	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
KATNBL1P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SMG7-AS1	17.36649	0.168162	0.484502	0.347082	0.72853	NA
	0.747636	0.735436	2.634453	0.279161	0.780122	NA
PHKA1P1	0.747636	0.735436	2.634453	0.279161	0.780122	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
HSPE1P6	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	17.67456	0.739848	0.506156	1.4617	0.143823	NA
	26.8151	0.34558	0.397774	0.868784	0.384965	NA
HDAC1P2	0.869306	-0.5527	2.538621	-0.21772	0.82765	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	1.50496	-0.97023	1.870122	-0.51881	0.603895	NA
EEF1A1P14	1.770313	-0.12937	1.519242	-0.08515	0.932138	NA
TTLL7-IT1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
LINC00702	30.86581	1.519735	0.54416	2.792808	0.005225	NA
CTAGE7P	2.892718	1.745396	1.287082	1.356088	0.175071	NA
ACTBP12	0.458885	0.577525	3.449278	0.167433	0.867029	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.792306	-0.44145	2.21354	-0.19943	0.841926	NA
	13.15243	0.543958	0.600785	0.905411	0.365248	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	75.25933	0.387424	0.26771	1.447179	0.147847	0.291005
RPL12P29	0.420954	1.923376	3.462803	0.555439	0.578594	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.786799	1.578877	2.532268	0.623503	0.532954	NA
SNX18P16	6.922233	1.115741	0.803858	1.387982	0.165143	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PPIAP32	0.258578	1.233151	4.047809	0.304646	0.760635	NA
PFN1P1	9.324748	-0.11608	0.742901	-0.15625	0.875835	NA
FAM53B-AS	0.596179	-0.09275	3.146759	-0.02948	0.976485	NA
UBE2FP3	3.035104	0.488613	1.118677	0.436778	0.662273	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.900265	-0.35855	1.466414	-0.24451	0.806839	NA
	11.73947	1.078507	0.625533	1.72414	0.084683	NA
	13.56446	-0.58651	0.609738	-0.96191	0.336095	NA
PRKAR1AP	0.803131	-0.76693	2.349822	-0.32638	0.744138	NA

	5.26224	0.830911	0.923374	0.899864	0.368193	NA	
	3.0665	-0.05995	1.163215	-0.05154	0.958894	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA	
	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA	
AGGF1P2	1.308267	-0.51088	1.710881	-0.2986	0.765242	NA	
BTBD18	2.634075	0.430464	1.288106	0.334183	0.738241	NA	
	128.346	0.453506	0.263615	1.720331	0.085372	0.199625	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.725928	0.181819	2.321433	0.078322	0.937572	NA	
DNM3-IT1	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA	
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	
	0.813462	2.857892	2.821395	1.012936	0.311091	NA	
	30.71108	0.34151	0.433696	0.78744	0.431024	NA	
ERI3-IT1	0.87074	0.675988	2.012127	0.335957	0.736903	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
LINC01137	157.4508	0.114893	0.202264	0.568034	0.570012	0.706055	
PGAM1P11	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	0.846852	1.76834	2.426477	0.728769	0.466143	NA	
GPR158-AS	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
CICP27	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
LINC01136	0.951161	0.273761	2.339218	0.117031	0.906835	NA	
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA	
EIF3LP2	0.668852	1.246964	2.610519	0.477669	0.632886	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
DLG5-AS1	11.5214	-0.10657	0.63534	-0.16773	0.866795	NA	
MT1XP1	0.517155	2.232561	3.179631	0.702145	0.482589	NA	
KRTAP5-AS	2.440991	2.626753	1.534577	1.711712	0.08695	NA	
	146.6825	0.450109	0.227369	1.979643	0.047744	0.134702	
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA	
	0.883203	0.854847	2.135496	0.400304	0.688933	NA	
GDI2P2	2.731879	-0.37661	1.258909	-0.29916	0.764821	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
CHIAP3	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
	6.045033	0.290783	0.834556	0.348428	0.727518	NA	
	1.380377	0.882103	1.689164	0.522213	0.601522	NA	
	0.324752	1.53082	4.022025	0.380609	0.703493	NA	
RPS15AP11	0.758758	-0.35643	2.514365	-0.14176	0.887273	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
RPL13AP6	3.247176	-1.21004	1.14015	-1.0613	0.288554	NA	

	0.998346	1.943196	2.103833	0.923646	0.355671	NA
TCEB2P4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.08628	-0.10899	1.018444	-0.10702	0.914773	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	5.210091	0.578227	0.930141	0.621655	0.534168	NA
	3.361612	1.321071	1.254799	1.052815	0.292426	NA
KCNH1-IT1	10.65541	0.512447	0.686039	0.746965	0.455085	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
SOD2P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.747563	1.527456	1.672994	0.913007	0.361239	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	3.871359	1.936975	1.206446	1.605522	0.108379	NA
	2.916153	1.50767	1.372294	1.098649	0.271921	NA
BCAS2P2	0.842643	-2.08432	2.306153	-0.90381	0.366097	NA
RPS4XP11	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
PFN1P3	0.72077	0.527966	3.060238	0.172524	0.863025	NA
TATDN1P1	0.452561	2.061505	3.349456	0.615474	0.538241	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CTBP2P8	3.299212	2.109404	1.322635	1.594849	0.110746	NA
	2.350232	0.186277	1.454679	0.128054	0.898106	NA
	0.652869	1.292592	2.374873	0.544278	0.58625	NA
ZNF37BP	75.1592	1.076277	0.30119	3.573418	3.52E-04	0.005475
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ZNF101P2	0.462046	0.589069	3.442439	0.17112	0.86413	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
PTGES3P1	63.16873	-0.07325	0.276941	-0.26449	0.791403	0.873483
NDUFB1P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	5.306589	0.510604	0.873259	0.584711	0.558742	NA
	2.140476	0.841474	1.391203	0.604854	0.545276	NA
LINC00624	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	7.337811	-0.30534	0.776059	-0.39345	0.693984	NA
RPL7P11	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.84726	0.705717	1.16239	0.607126	0.543767	NA
	1.801534	0.918548	1.480142	0.620581	0.534875	NA
	5.280436	-1.16621	0.882733	-1.32113	0.186457	NA
	0.983514	-1.5981	2.093157	-0.76349	0.445173	NA
GAS5	4621.383	0.163829	0.176183	0.929881	0.352433	0.520437
EIF5AP4	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
C11orf94	1.525189	1.125604	1.607983	0.70001	0.483921	NA
LINC01135	3.894501	-0.26163	1.201292	-0.21779	0.827594	NA
	2.168733	-0.97571	1.562198	-0.62457	0.532252	NA
SVILP1	26.49082	-0.06968	0.418647	-0.16644	0.867809	NA
HNRNPUL2	13.49995	-0.33604	0.605937	-0.55458	0.579182	NA
	6.440547	0.20414	0.817942	0.249578	0.802914	NA

	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC00700	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FABP5P7	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FTH1P2	2.966504	-0.84042	1.122743	-0.74854	0.454133	NA
	16.73214	0.454921	0.57266	0.794399	0.426963	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
CUBNP2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	16.84842	-0.48483	0.510143	-0.95039	0.341915	NA
	1.665821	1.285941	1.600278	0.803574	0.421643	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.641986	1.117767	2.709494	0.412537	0.679946	NA
	48.20781	0.338683	0.376813	0.89881	0.368754	0.535798
VDAC1P4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ZRANB2-AS	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SUMO1P3	0.889885	0.644651	2.1706	0.296992	0.766472	NA
CHCHD2P6	5.092616	-0.30208	0.906899	-0.33309	0.739064	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
ANKRD65	1.729367	-0.39907	1.526801	-0.26137	0.793804	NA
	5.293712	1.404263	0.995045	1.411256	0.158169	NA
	6.299698	-0.14756	0.776483	-0.19003	0.849282	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SMIM1	85.78757	-0.61354	0.294178	-2.08562	0.037013	0.11412
LINC00601	7.865005	0.591988	0.717958	0.824544	0.40963	NA
	13.50226	-0.42874	0.618151	-0.69358	0.487945	NA
	10.35266	0.309526	0.662433	0.467256	0.640317	NA
RPL5P28	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MRPL53P1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.584911	2.38756	2.690807	0.887303	0.374916	NA
DUSP8P5	18.28592	0.359866	0.522026	0.689364	0.490594	NA
	1.276206	-1.07269	2.030043	-0.52841	0.597216	NA
SNRPGP10	29.22525	0.646732	0.423578	1.526831	0.126803	NA
	1.128326	-0.93784	1.813709	-0.51708	0.605099	NA
	0.458885	0.577525	3.449278	0.167433	0.867029	NA
RPEL1	1.879969	1.528624	1.494589	1.022772	0.306416	NA
MRPS10P1	0.735616	-2.07189	2.528723	-0.81934	0.412591	NA
LINC00623	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.071608	0.294623	2.235884	0.13177	0.895166	NA
	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA

	1.452059	-0.1661	1.670582	-0.09943	0.920799	NA
	64.46126	0.405952	0.28456	1.426594	0.153697	0.298554
DBF4P1	1.909939	1.719596	1.59897	1.07544	0.282178	NA
	224.2242	0.017146	0.200371	0.085569	0.931809	0.961401
	1.312853	-1.50193	1.923163	-0.78097	0.434822	NA
	1.63242	0.749319	1.641395	0.456513	0.648021	NA
	3.257331	0.957301	1.104529	0.866705	0.386104	NA
	7.991692	0.227289	0.813705	0.279326	0.779994	NA
	1.827295	-0.97528	1.644179	-0.59317	0.553068	NA
GAPDHP23	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
NSRP1P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	7.204324	-0.54959	0.80203	-0.68525	0.493186	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LDHAP2	3.256393	2.986394	1.451737	2.057118	0.039675	NA
NPM1P26	1.713595	0.710076	1.748569	0.40609	0.684677	NA
CYCSP52	1.113131	2.168349	2.301419	0.942179	0.346101	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
KIAA0040	1.929221	-0.83152	1.789462	-0.46468	0.642163	NA
	0.594599	-0.12152	2.771051	-0.04385	0.965021	NA
	2.760157	0.991918	1.232547	0.804771	0.420952	NA
	0.946806	-1.54284	2.156294	-0.7155	0.474297	NA
PRELID1P3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00263	196.3694	-0.13146	0.209137	-0.6286	0.529608	0.674744
HSP90AB7P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	12.57796	0.025669	0.571878	0.044886	0.964198	NA
ASH1L-AS1	18.40878	-0.21232	0.498446	-0.42596	0.670138	NA
NEXN-AS1	0.681461	0.491544	3.066278	0.160307	0.87264	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	63.52469	-0.30729	0.294935	-1.04189	0.297462	0.464613
	2.011233	0.070694	1.456915	0.048523	0.9613	NA
LINC01036	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA
	1.698391	1.510988	1.665448	0.907257	0.364271	NA
	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
CHIAP1	0.67854	-0.89371	2.366391	-0.37767	0.705677	NA
	3.638371	-0.06284	1.010725	-0.06217	0.950425	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.458885	0.577525	3.449278	0.167433	0.867029	NA
	0.780475	2.824774	2.754691	1.025441	0.305155	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.024164	-1.06815	2.390105	-0.4469	0.654944	NA
	2.225438	0.52186	1.418589	0.367873	0.712968	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA

	9.667345	0.579356	0.687472	0.842734	0.399377	NA	
KDM4A-AS	7.83113	0.515024	0.802203	0.642012	0.520865	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
PPP1R11P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	3.075177	0.213863	1.18206	0.180924	0.856428	NA	
EI24P2	39.34571	-0.1914	0.374353	-0.51129	0.609145	NA	
RPL26P30	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
	3.090011	1.146059	1.237554	0.926068	0.354411	NA	
	2.795911	0.019446	1.293245	0.015036	0.988003	NA	
ENO1-IT1	1.209942	0.263859	2.515142	0.104908	0.916449	NA	
ZBED5	532.787	0.71464	0.227043	3.147593	0.001646	0.014318	
	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	3.106232	1.129267	1.302564	0.866957	0.385966	NA	
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA	
PPIAL4G	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	1.744255	2.014588	1.598588	1.260229	0.207587	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
LINC01134	30.57846	0.994124	0.479549	2.07304	0.038169	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.887313	-2.40227	2.38425	-1.00756	0.313667	NA	
KRT8P29	0.35636	1.709252	3.651833	0.468053	0.639746	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	1.373639	1.032867	1.793152	0.576006	0.564611	NA	
	0.506476	0.726418	2.864186	0.253621	0.799788	NA	
PKMP1	4.377828	-0.2907	1.0808	-0.26897	0.787953	NA	
RRM2P2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
EIF2S2P3	0.915556	-1.07826	2.191337	-0.49206	0.62268	NA	
	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
NPM1P40	0.35636	1.709252	3.651833	0.468053	0.639746	NA	
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA	
RPL13AP5	86.22855	-0.25059	0.319135	-0.78522	0.432328	0.5935	
PRPF38AP2	0.887313	-2.40227	2.38425	-1.00756	0.313667	NA	
CCDC163P	51.39035	-0.55835	0.383044	-1.45766	0.144934	0.286891	
LAMTOR5P	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
PRKG1-AS1	7.067086	0.907633	0.849166	1.068852	0.285137	NA	
MTX1P1	46.25037	0.073849	0.343173	0.215196	0.829615	NA	
EIF1AXP1	1.905786	0.007761	1.367774	0.005674	0.995472	NA	
	1.101367	-2.48182	2.397488	-1.03518	0.300587	NA	
	1.182873	0.724533	2.160891	0.335294	0.737403	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	2.028302	1.607251	1.523631	1.054882	0.291479	NA	
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA	
	5.674955	-0.4284	0.880964	-0.48629	0.626764	NA	
	1.464116	0.942734	1.806734	0.521789	0.601817	NA	

SNX25P1	3.900861	1.080774	1.080445	1.000304	0.317163	NA
	11.58574	0.534508	0.603844	0.885176	0.376062	NA
ARL5AP2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.585114	1.12675	2.73598	0.411827	0.680466	NA
	0.653015	0.2552	2.787103	0.091565	0.927044	NA
TMSB4XP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TIMM9P1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PTGES3P4	0.897403	1.74906	2.471224	0.707771	0.479088	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	26.62742	0.244933	0.481711	0.508464	0.611128	NA
	1.419881	-1.51816	1.910563	-0.79461	0.42684	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC01141	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LINC00614	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.057385	0.289849	1.022207	0.283552	0.776754	NA
EDRF1-AS1	0.795081	1.604357	2.508662	0.639527	0.52248	NA
GAPDHP21	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
RPL34P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	4.991882	0.179316	0.92717	0.193401	0.846645	NA
	0.440301	0.468383	3.449808	0.135771	0.892003	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.823499	-2.06708	2.534576	-0.81555	0.414756	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.47803	0.520083	2.97881	0.174594	0.861399	NA
ZNF503-AS	253.725	0.179111	0.250771	0.714242	0.475078	0.630406
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	35.07259	0.524935	0.386044	1.359779	0.1739	NA
ZBTB40-IT1	0.834592	0.684312	2.202411	0.31071	0.756021	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.873515	2.9967	2.318337	1.292607	0.196147	NA
ANO7P1	63.03336	-0.60883	0.295503	-2.06033	0.039367	0.119055
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
RNF223	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PITRM1-AS	19.71086	1.183778	0.505382	2.342346	0.019163	NA
CAMTA1-IT	0.488912	0.771583	2.897678	0.266276	0.790026	NA
NRBF2P3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA

XRCC6P1	0.858627	-2.14058	2.513451	-0.85165	0.394408	NA
FOXD2-AS1	120.7544	-0.37459	0.267545	-1.4001	0.161484	0.309069
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	7.117247	0.136736	0.823013	0.166141	0.868046	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.563552	-0.48645	2.808029	-0.17324	0.862465	NA
DCLRE1CP1	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.716471	-2.03238	2.582811	-0.78689	0.431348	NA
LINC00959	15.24585	0.231162	0.553156	0.417898	0.676022	NA
	1.697428	1.343932	1.617987	0.83062	0.406188	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
UNC5B-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PTP4A1P7	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC00857	60.59772	0.233287	0.402442	0.579679	0.562131	0.700081
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.43421	-0.0563	1.224433	-0.04598	0.963328	NA
	15.55481	0.629336	0.581723	1.081847	0.27932	NA
OXCT2P1	1.263597	-0.09324	1.722854	-0.05412	0.956842	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.579453	-0.56402	1.503609	-0.37511	0.707578	NA
	1.374791	-2.07862	1.792619	-1.15955	0.246234	NA
	1.610712	0.666451	1.557285	0.427957	0.668683	NA
FAM21FP	0.640609	0.042838	2.379511	0.018003	0.985637	NA
	0.956262	0.048146	1.9097	0.025211	0.979886	NA
	1.005076	-0.3957	2.04069	-0.1939	0.846251	NA
	0.462046	0.589069	3.442439	0.17112	0.86413	NA
	0.872467	-0.54278	2.536752	-0.21397	0.830573	NA
PPIAP13	1.043796	2.066306	2.144878	0.963368	0.335363	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	3.69128	0.404532	1.040341	0.388846	0.69739	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	0.55687	-0.14239	3.170029	-0.04492	0.964172	NA
	0.854903	-0.47663	2.545657	-0.18723	0.851479	NA
	9.702686	-0.25405	0.663815	-0.38271	0.701935	NA
PRKCQ-AS1	5.603886	-0.50157	0.884566	-0.56702	0.5707	NA
LINC00844	1.73954	0.950876	1.722233	0.552118	0.580867	NA
	3.134024	1.206366	1.28827	0.936423	0.349055	NA
	16325.55	-0.56459	0.131519	-4.29282	1.76E-05	8.56E-04
FLG-AS1	96.77347	-0.81072	0.302422	-2.68077	0.007345	0.038445
	21.792	0.735837	0.448116	1.642069	0.100576	NA
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
RPL35P1	0.71919	0.510978	2.728734	0.187258	0.851458	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	1.265234	0.20438	1.735412	0.11777	0.90625	NA
	1.631999	0.092865	1.767507	0.05254	0.958098	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ARMC4P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.804769	-0.21293	2.457871	-0.08663	0.930964	NA
	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA
	1.14431	-0.94385	1.953694	-0.48311	0.629019	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SLC25A24P	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
ARPC3P2	1.248845	1.474697	2.199721	0.670402	0.502602	NA
	1.030544	-1.32239	2.273679	-0.58161	0.560832	NA
	12.04419	-0.61971	0.642898	-0.96394	0.335078	NA
	146.7285	-0.29425	0.259257	-1.13496	0.25639	0.420517
CD81-AS1	4.689626	0.752162	0.954728	0.787828	0.430797	NA
	3.396419	1.006368	1.164465	0.864232	0.38746	NA
	2.610238	-1.08952	1.342129	-0.81179	0.416913	NA
UBE2V2P3	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.670636	0.219794	2.632532	0.083491	0.933461	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
OR2W3	0.450981	2.057325	3.353149	0.61355	0.539513	NA
HMGN2P17	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.780475	2.824774	2.754691	1.025441	0.305155	NA
	5.897639	0.937283	0.839566	1.11639	0.264255	NA
LINC00707	1.439814	1.120216	1.789219	0.626092	0.531255	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	11.15474	0.91395	0.658719	1.387465	0.1653	NA
	1.751075	-0.45025	1.655132	-0.27203	0.785598	NA
	3.243731	0.392625	1.132892	0.346569	0.728915	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU7-57P	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
	2.65893	-0.58926	1.341551	-0.43924	0.660488	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNY4P25	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU7-163P	1.313817	2.449753	1.95775	1.25131	0.210821	NA
	1.723043	0.159776	1.599185	0.099911	0.920415	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL854P	0.520316	2.239969	3.173769	0.705776	0.480328	NA
RN7SL425P	0.260158	1.240347	4.047124	0.306476	0.759242	NA

	1.427407	0.984049	1.659042	0.593143	0.553086	NA
RN7SL333P	1.869436	0.435321	1.4412	0.302055	0.76261	NA
	5.80372	-0.36206	0.898322	-0.40304	0.686922	NA
	55.82682	0.843809	0.308491	2.735278	0.006233	0.034188
	2.176072	2.355961	1.626038	1.448897	0.147366	NA
RN7SL825P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SL754P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GAPDHP27	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.488709	2.119056	3.307564	0.64067	0.521737	NA
C1orf226	3.668581	-0.30557	1.109632	-0.27538	0.783026	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.402398	-2.58771	4.018369	-0.64397	0.519595	NA
TEX35	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	3.935815	0.530981	1.031337	0.514847	0.60666	NA
AMY2B	6.606616	2.214117	0.920752	2.404684	0.016186	NA
GAPDHP33	2.066793	1.103409	1.573842	0.701093	0.483245	NA
	1.572394	2.735269	1.870564	1.46227	0.143667	NA
RPL36AP4C	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPS4XP13	1.252918	-0.9216	1.717077	-0.53673	0.591455	NA
MTATP8P1	2.034487	-1.68121	1.764336	-0.95288	0.340649	NA
UOX	1.32207	0.156255	1.806852	0.086479	0.931085	NA
L1TD1	3.58885	0.417884	1.122952	0.37213	0.709796	NA
	10.01969	0.280217	0.636158	0.440484	0.659587	NA
RN7SL559P	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SL23P	0.736957	-1.0303	2.640699	-0.39016	0.696418	NA
HIST2H2BB	41.2129	0.096029	0.436136	0.220182	0.82573	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.023144	1.869689	1.609954	1.16133	0.245508	NA
	8.281653	-1.25368	0.7019	-1.78612	0.074079	NA
NSUN6	67.71386	0.444423	0.297224	1.495243	0.134851	0.273368
	1.206375	1.44275	2.16406	0.666687	0.504972	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
OR5G3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.925979	-0.70841	0.771267	-0.9185	0.358357	NA
CORT	2.674176	-0.96082	1.297644	-0.74043	0.459039	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HOGA1	25.96961	-0.51414	0.521605	-0.98569	0.324287	NA
TCEB1P19	2.537939	1.503433	1.342756	1.119662	0.262858	NA
SNHG3	424.594	0.191963	0.182037	1.054525	0.291643	0.458435
	246.7736	-0.36291	0.231033	-1.57083	0.116222	0.246565
RPL5P29	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
BGLAP	1.158297	-1.38149	2.066675	-0.66846	0.503841	NA
SKINTL	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	8.486641	0.897468	0.729375	1.230461	0.218524	NA
BMS1P4	3.703176	0.447254	1.094534	0.408625	0.682815	NA

NPPA-AS1	10.18157	2.314221	0.75099	3.081562	0.002059	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	1.511146	1.03585	1.697098	0.610365	0.54162	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MRPL20	1866.089	0.146595	0.1488	0.985183	0.324534	0.492617
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
MBL1P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
CNTF	18.6534	0.929782	0.507143	1.833373	0.066747	NA
RN7SL846P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL749P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	5.797937	0.019979	0.84726	0.02358	0.981187	NA
	6.656703	-0.28981	0.782421	-0.3704	0.711087	NA
PGBD3	0.652666	2.537288	2.975981	0.852589	0.393887	NA
VSIG8	1.064927	0.46521	2.027265	0.229477	0.818498	NA
PTPRVP	0.621261	1.168072	3.136787	0.372379	0.709611	NA
EFNA4	146.2829	0.054359	0.235897	0.230436	0.817753	0.890746
NBPF15	246.8168	-0.04331	0.178161	-0.24307	0.807953	0.885317
ANTXRLP1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ZNF487	37.61624	0.729283	0.358655	2.033382	0.042014	NA
LEFTY1	0.995185	1.939099	2.104716	0.921311	0.356888	NA
WDR65	2.428731	1.993731	1.397524	1.426616	0.153691	NA
	0.508056	0.731032	2.861912	0.255435	0.798387	NA
TTC4	46.99375	-0.33878	0.314127	-1.07848	0.280819	NA
RPLP0P2	6.208323	-0.51988	0.837024	-0.6211	0.534533	NA
ZMYM6NB	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	3.061539	-0.30991	1.187414	-0.26099	0.794098	NA
	1.755524	0.886375	1.510448	0.586829	0.557319	NA
	2.012907	0.257818	1.430096	0.18028	0.856933	NA
PPIEL	8.877394	0.771699	0.67676	1.140285	0.254168	NA
DDOST	7676.666	-0.23008	0.121748	-1.88978	0.058788	0.154976
	0.614937	2.493639	2.617677	0.952615	0.340785	NA
IFITM10	34.73536	0.374629	0.359194	1.042971	0.296962	NA
RN7SL130P	0.74907	1.552259	2.278648	0.681219	0.495733	NA
RPL34P22	0.941656	0.847273	2.457626	0.344752	0.730281	NA
	52.08748	0.059243	0.302125	0.196088	0.844542	0.907349
PFN1P8	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	1.661894	2.829199	1.787306	1.582941	0.113435	NA
	42.83268	0.397836	0.343489	1.15822	0.246774	NA
CFHR1	1.043154	-2.66287	2.122813	-1.25441	0.209695	NA
PGBD4P7	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL532P	0.354779	1.703954	3.657232	0.465914	0.641277	NA
FCGR2C	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA
	3.086839	0.569446	1.177751	0.483503	0.628739	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
HBB	0.460669	-0.62593	3.398671	-0.18417	0.853882	NA

ALKBH3-AS	9.95667	0.017687	0.657606	0.026895	0.978543	NA
	6.303344	0.484933	0.839024	0.577973	0.563282	NA
	2.837915	-1.32569	1.21841	-1.08805	0.276575	NA
	192.7352	-0.41761	0.231191	-1.80635	0.070863	0.176045
BDNF-AS	17.39982	0.580899	0.58154	0.998897	0.317845	NA
	2.424965	0.039885	1.322746	0.030153	0.975945	NA
	2.702098	1.238568	1.248859	0.99176	0.321315	NA
	2.552973	3.470942	1.601323	2.167547	0.030193	NA
SBF2-AS1	47.43875	0.00329	0.340238	0.00967	0.992285	0.996738
	1.387896	1.605513	1.744576	0.920288	0.357422	NA
MIR210HG	21.67178	0.138277	0.434866	0.317975	0.750504	NA
CSTF3-AS1	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
ZBED5-AS1	295.609	-0.2458	0.221668	-1.10886	0.267489	0.432558
CARS-AS1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SPTY2D1-A	9.658977	-0.00533	0.637782	-0.00835	0.993334	NA
LRP4-AS1	6.426459	0.80519	0.87946	0.915551	0.359903	NA
CDK11B	598.3685	0.1966	0.150558	1.305808	0.191618	0.346232
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
PCP4L1	0.850576	0.626886	2.42682	0.258316	0.796163	NA
MTATP6P1	3345.227	-0.51045	0.157923	-3.23223	0.001228	0.011864
	139.0862	-0.31338	0.226739	-1.38212	0.166935	0.316389
C1orf213	13.17539	0.199968	0.588471	0.339809	0.734	NA
	0.948386	-1.53855	2.155471	-0.71379	0.475358	NA
	17.41645	1.043815	0.526696	1.981816	0.0475	NA
	4.536858	-0.96879	0.966452	-1.00242	0.316141	NA
TRIM51CP	0.756975	0.468225	2.554602	0.183287	0.854573	NA
	15.51108	-0.78535	0.654795	-1.19939	0.230376	NA
	15.23696	-1.09941	0.616675	-1.78281	0.074617	NA
	4.105425	-0.12674	1.057789	-0.11981	0.904633	NA
ABHD17AP	0.585114	1.12675	2.73598	0.411827	0.680466	NA
	2.069743	0.229564	1.330067	0.172596	0.862969	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	8.739529	-0.20174	0.725959	-0.27789	0.781094	NA
GLUD1P3	19.13469	0.012759	0.483278	0.026402	0.978937	NA
	4.793161	1.542891	1.070693	1.441021	0.149579	NA
	86.58684	-0.1617	0.289656	-0.55825	0.576672	0.711611
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
APITD1-CO	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	0.672013	1.253691	2.607776	0.480751	0.630693	NA
HNRNPKP3	1.347189	0.804826	1.780891	0.451923	0.651324	NA
	0.954682	0.055803	2.069758	0.026961	0.978491	NA
RNU7-123P	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RNU7-8P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-117(	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RNA5SP20	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	2.757796	0.623063	1.21821	0.511458	0.60903	NA
	2.050599	0.247963	1.354617	0.183051	0.854758	NA

RMRPP4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU7-49P	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RNU2-30P	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNA5SP67	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SKP287	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-118P	0.422534	1.924583	3.001758	0.641152	0.521424	NA
RNU6-885P	0.765054	1.506026	2.496832	0.603175	0.546392	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	3.769441	0.083809	1.242005	0.067479	0.946201	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
RNU6-1171	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNA5SP82	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RNU6-307P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU7-28P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SKP88	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
SCARNA4	0.584911	2.38756	2.690807	0.887303	0.374916	NA
	0.954682	0.055803	2.069758	0.026961	0.978491	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU1-68P	1.769082	-1.26494	1.448173	-0.87347	0.382407	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNA5SP40	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
TMEM200B	208.3179	-0.11298	0.188686	-0.59879	0.549312	0.690498
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
TRNP1	1235.711	-0.20817	0.228445	-0.91126	0.362158	0.529133
EIF5AL1	180.2202	-0.18858	0.225651	-0.8357	0.403324	0.56793
	3.384894	-0.35715	1.083062	-0.32976	0.741583	NA
	1.189372	1.382636	1.842322	0.750486	0.452962	NA
	0.623045	0.091811	2.666142	0.034436	0.97253	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
OR10Y1P	1.954637	-0.19007	1.66658	-0.11405	0.909198	NA
	5.138679	-0.66145	0.955285	-0.69241	0.488679	NA
	0.643384	2.576138	2.977667	0.865153	0.386955	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
RCC2P6	1.094548	2.111186	2.036733	1.036555	0.299943	NA
	0.735027	1.3952	2.594798	0.537691	0.59079	NA
PRKRIRP4	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	11.94156	-0.52583	0.58099	-0.90505	0.365439	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
CBX3P8	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.747636	0.735436	2.634453	0.279161	0.780122	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.87074	0.675988	2.012127	0.335957	0.736903	NA
NAV2-AS3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.210403	-0.75719	1.326814	-0.57068	0.568217	NA
	5.577274	-0.51081	0.957693	-0.53337	0.593776	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	0.490493	0.776209	2.895261	0.268096	0.788625	NA
	1.335358	3.577115	2.0361	1.756847	0.078944	NA
EIF4A2P3	3.972572	-0.06743	0.990119	-0.06811	0.945701	NA
	10.14264	0.852772	0.657093	1.297796	0.194357	NA
CSNK2A3	11.33662	-0.15205	0.664656	-0.22876	0.819055	NA
	0.604258	1.087325	2.707696	0.401568	0.688002	NA
WAC-AS1	214.3735	0.594701	0.3165	1.878992	0.060246	0.15768
ARMS2	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
FPGT	210.9812	0.546256	0.266094	2.052867	0.040085	0.120637
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
GLYATL1P2	1.551852	1.796216	1.661946	1.080791	0.27979	NA
	0.604258	1.087325	2.707696	0.401568	0.688002	NA
MEX3A	81.2606	-0.07021	0.327424	-0.21443	0.830214	0.89752
	0.87074	0.675988	2.012127	0.335957	0.736903	NA
	0.659753	-0.00581	2.629089	-0.00221	0.998237	NA
OR10V3P	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
EEF1G	1.343815	0.18908	1.751639	0.107945	0.91404	NA
	0.785567	-0.70568	2.358063	-0.29926	0.764741	NA
GVINP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAR1-IT1	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	1.968652	1.1111	1.635176	0.679499	0.496822	NA
SLC22A18A	503.5504	0.351819	0.258997	1.358393	0.174339	0.326301
GVINP1	10.49265	1.207659	0.709153	1.702958	0.088576	NA
	1.407272	-0.69944	1.719223	-0.40683	0.684131	NA
TMEM9B-A	19.23342	-0.10437	0.495479	-0.21065	0.833162	NA
	0.622842	1.158846	2.735323	0.42366	0.671814	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
	5.198911	-0.81674	0.894175	-0.9134	0.361031	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA

	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	2.85952	1.075323	1.201346	0.895099	0.370734	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.787148	-0.70094	2.357021	-0.29738	0.766174	NA
	1.410193	-0.26412	1.718689	-0.15368	0.877864	NA
SDHCP4	0.258578	1.233151	4.047809	0.304646	0.760635	NA
HNRNPRP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.488709	2.119056	3.307564	0.64067	0.521737	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KIAA0754	663.4958	0.351373	0.18908	1.858333	0.063122	0.162888
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	2.823112	1.407056	1.422761	0.988962	0.322682	NA
HNRNPA1P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.968166	-0.93029	1.436258	-0.64772	0.517169	NA
	1.463088	-0.85499	1.867569	-0.45781	0.64709	NA
TOLLIP-AS1	54.81778	0.067967	0.363231	0.187119	0.851568	0.91179
	1.85064	-0.65041	1.59592	-0.40755	0.683605	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	4.514633	0.283992	0.929091	0.305667	0.759858	NA
	2.676951	-0.19021	1.260829	-0.15086	0.880084	NA
NPM1P35	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
	3.223566	0.384848	1.152556	0.333909	0.738449	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
RRM1-AS1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	37.65602	0.01182	0.383015	0.03086	0.975381	NA
	0.899333	-0.26387	2.222941	-0.1187	0.905512	NA
OR5BA1P	1.866072	0.900686	1.586103	0.567861	0.570129	NA
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.0349	0.343148	1.852366	0.185249	0.853034	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.849381	-1.30173	2.226174	-0.58474	0.558724	NA
	1.83031	-0.19201	1.590164	-0.12075	0.903888	NA
CCDC179	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	16.81538	0.097006	0.538237	0.18023	0.856972	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA

	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	137.8484	2.310287	1.154473	2.001162	0.045375	0.130468
	3.0782	2.704018	1.498394	1.80461	0.071136	NA
	14.41628	-0.08755	0.577538	-0.1516	0.879506	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.713733	-1.73465	1.625178	-1.06736	0.285811	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
EIF4A2P5	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR3654	30.97962	-0.10535	0.445176	-0.23664	0.812934	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.702033	0.171052	1.232121	0.138828	0.889586	NA
OR10V2P	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	3.764974	0.717869	1.06388	0.674765	0.499825	NA
	1.879969	1.528624	1.494589	1.022772	0.306416	NA
MTRNR2L8	0.624422	1.162588	2.733761	0.425271	0.670639	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	3.555412	0.121994	1.109578	0.109946	0.912452	NA
PADI6	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.645482	0.21678	1.529826	0.141702	0.887315	NA
	1.673366	0.912533	1.950485	0.467849	0.639893	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.083714	-0.06832	2.255294	-0.03029	0.975832	NA
	1.179509	1.360465	1.979386	0.687317	0.491883	NA
	1.813822	0.133354	1.692505	0.078791	0.937199	NA
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
PGA5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.71919	0.510978	2.728734	0.187258	0.851458	NA
	3.674947	0.943153	1.083698	0.87031	0.384131	NA
	1.416874	-0.45964	1.62883	-0.28219	0.777799	NA
	4.188357	0.174664	0.98068	0.178105	0.85864	NA
	4.021115	-0.63212	1.239669	-0.50991	0.610113	NA
ZBED6	202.8584	0.628781	0.302748	2.076911	0.03781	0.115644
HLA-AS1	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
	1.22552	1.38393	1.789452	0.773382	0.439296	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	1.720122	-0.23797	1.501053	-0.15853	0.874036	NA
	100.9985	-0.59591	0.235039	-2.53536	0.011233	0.050945
TRIM34	0.563552	-0.48645	2.808029	-0.17324	0.862465	NA
ERCC6-PGB	1.30252	2.031918	2.097119	0.96891	0.33259	NA
FPGT-TNNI	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	24.87144	1.528758	0.592288	2.581107	0.009848	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA

	78.05754	0.573396	0.262547	2.183977	0.028964	0.09686
	0.518736	2.237423	2.7713	0.807355	0.419462	NA
	6.262366	-0.17368	0.837672	-0.20733	0.83575	NA
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	5.171371	0.043789	0.86521	0.050611	0.959636	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.776322	-0.40209	2.222574	-0.18091	0.856435	NA
	10.17106	0.438459	0.661456	0.66287	0.507414	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	2.422233	1.568442	1.522498	1.030177	0.302927	NA
	12.05644	0.207525	0.647128	0.320687	0.748448	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	27.09635	-0.37237	0.427358	-0.87132	0.383579	NA
	13.38374	-0.12854	0.550591	-0.23345	0.81541	NA
	1.793455	0.460616	1.498402	0.307405	0.758535	NA
	9.999846	0.490943	0.663688	0.73972	0.45947	NA
	2.451774	-0.07167	1.21207	-0.05913	0.952848	NA
	33.28892	0.778953	0.404185	1.927217	0.053953	NA
	37.75773	-0.54092	0.503069	-1.07523	0.282271	NA
	14.02046	0.855206	0.578168	1.479164	0.139097	NA
	6.365027	0.141653	0.864378	0.163879	0.869827	NA
	126.7711	-0.3427	0.222615	-1.53941	0.123703	0.258051
	12.40308	-0.49362	0.661573	-0.74614	0.455585	NA
	1.283964	-0.71772	1.990944	-0.36049	0.718481	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00622	18.64979	0.419036	0.494281	0.847768	0.396567	NA
	7.619397	0.700574	0.805933	0.869271	0.384699	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.652869	1.292592	2.374873	0.544278	0.58625	NA
	3.822463	0.732383	1.03687	0.70634	0.479977	NA
	0.736607	1.395844	2.318642	0.602009	0.547168	NA
	2.387757	0.565833	1.449857	0.390268	0.696338	NA
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	0.586694	1.130467	2.734203	0.413454	0.679274	NA
	1.27255	1.529745	2.170945	0.704645	0.481031	NA
	2.475209	-0.65254	1.450663	-0.44982	0.65284	NA
	3.907433	1.263887	1.172934	1.077542	0.281238	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	9.357305	1.900038	0.797924	2.381228	0.017255	NA
	5.989909	-0.31868	0.832194	-0.38294	0.701761	NA
	13.2196	0.637478	0.562286	1.133724	0.25691	NA
	4.024999	-0.11911	1.087544	-0.10952	0.91279	NA
	1.446958	-0.00969	1.799806	-0.00538	0.995704	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.658173	-0.01016	2.630582	-0.00386	0.996919	NA
	7.872371	0.17632	0.806355	0.218663	0.826912	NA

	40.05031	0.511647	0.356713	1.43434	0.151475	NA
	20.36629	-0.13687	0.516479	-0.265	0.79101	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
OCLM	1.294855	1.463581	1.753443	0.83469	0.403892	NA
	0.624422	1.162588	2.733761	0.425271	0.670639	NA
MIR3973	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR5187	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
MIR3916	3.176967	1.190721	1.198486	0.993521	0.320456	NA
RN7SL768P	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
MIR5581	1.091387	2.10753	2.037446	1.034398	0.30095	NA
RN7SL276P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.785567	-0.70568	2.358063	-0.29926	0.764741	NA
MIR4689	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR4258	1.090541	-1.58559	1.951054	-0.81268	0.4164	NA
RN7SL431P	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MIR548AC	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
RN7SL119P	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	144.3599	-0.15023	0.214218	-0.70128	0.483126	0.637021
RN7SL473P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL600P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL131P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR4685	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR4677	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR3118-2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RN7SL721P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SL574P	1.102655	0.449766	1.809137	0.248608	0.803664	NA
	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
MIR4423	0.422534	1.924583	3.001758	0.641152	0.521424	NA
RN7SL480P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR3605	0.586694	1.130467	2.734203	0.413454	0.679274	NA
RN7SL235P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR4482-1	27.39177	-0.10547	0.417263	-0.25276	0.80045	NA
	5.345973	-0.23745	0.923849	-0.25702	0.797164	NA
	3.578157	1.859715	1.183007	1.572024	0.115945	NA
LINC01140	1.561833	-1.02461	1.776553	-0.57674	0.564114	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.255729	0.65706	2.007478	0.327306	0.743436	NA
	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
	2.08364	0.821011	1.46384	0.560861	0.574892	NA
	34.4678	-0.13268	0.399731	-0.33192	0.739947	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.566355	-1.63598	3.185967	-0.5135	0.607605	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	2.844594	-0.44661	1.369317	-0.32616	0.744307	NA

	19.71062	0.065907	0.562846	0.117096	0.906784	NA
	31.82264	-0.548	0.411479	-1.33179	0.182929	NA
	5.933764	0.083353	0.86444	0.096424	0.923184	NA
ESPNP	0.354779	1.703954	3.657232	0.465914	0.641277	NA
PLCE1-AS1	13.16357	-0.4019	0.660348	-0.60862	0.542775	NA
	9.640674	0.184037	0.690673	0.266461	0.789885	NA
TRABD2B	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	6.595764	0.082887	0.802434	0.103295	0.917729	NA
	1.798759	-0.05195	1.440467	-0.03606	0.971233	NA
	7.015182	0.179962	0.918137	0.196007	0.844604	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
	91.41374	-0.12835	0.279103	-0.45988	0.645604	0.764599
	0.774539	0.39797	2.296349	0.173305	0.862411	NA
	28.8134	-0.23739	0.394635	-0.60153	0.547487	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	68.31061	-0.48955	0.298904	-1.63781	0.101462	0.22508
	7.710037	-0.32477	0.718265	-0.45216	0.651154	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	29.33753	0.428667	0.397616	1.078095	0.280991	NA
	4.42675	0.243623	0.941044	0.258886	0.795723	NA
KCNQ1OT1	26.89193	1.203826	0.542413	2.21939	0.02646	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RAD52	165.5453	0.170529	0.214924	0.793441	0.427521	0.589401
BAD	1058.352	-0.11685	0.157622	-0.74132	0.458501	0.616973
M6PR	4448.222	-0.0146	0.12956	-0.11266	0.910299	0.947811
FKBP4	3750.871	-0.24212	0.162255	-1.4922	0.135647	0.27456
RECQL	930.1333	1.055521	0.315762	3.342772	8.29E-04	0.009268
RPAP3	282.6718	1.0854	0.371071	2.925049	0.003444	0.023028
MYCBP2	2238.119	0.173032	0.173185	0.999116	0.317739	0.485536
FBXL3	827.5723	0.76585	0.173744	4.407925	1.04E-05	6.38E-04
MAP3K9	50.91429	-0.31377	0.349025	-0.89899	0.368657	0.535723
ALDH3B1	449.0647	-0.60175	0.186401	-3.22827	0.001245	0.011897
ADIPOR2	4238.475	-0.17446	0.185502	-0.9405	0.346962	0.514991
PLEKHG6	3.191351	-0.16798	1.320657	-0.12719	0.898787	NA
MGST1	350.4568	-0.09958	0.208957	-0.47653	0.633694	0.755323
CRY1	283.8806	0.644791	0.17282	3.730984	1.91E-04	0.003775
POMT2	929.0411	-0.33776	0.147809	-2.28511	0.022306	0.081613
DYRK4	366.2518	-4.73E-04	0.183884	-0.00257	0.997946	0.999295
CD9	11533.72	-0.04234	0.158019	-0.26797	0.788721	0.87174
NCAPD2	2727.365	-0.68252	0.194206	-3.51443	4.41E-04	0.006302
IFFO1	1496.097	-0.2177	0.135241	-1.60972	0.10746	0.233921
SLC6A13	2.229519	0.376185	1.445484	0.260249	0.794672	NA
CD4	96.73289	-0.56582	0.345549	-1.63745	0.101536	0.225161
LRRC23	222.6892	0.090744	0.185994	0.487889	0.625628	0.748948

TSPAN9	850.2774	-0.68143	0.180861	-3.76769	1.65E-04	0.003469
BTBD7	934.1856	0.079717	0.159683	0.499223	0.617622	0.742546
DCN	2.863629	0.031091	1.141318	0.027241	0.978268	NA
NR1H4	0.612365	-1.10341	2.696105	-0.40926	0.682349	NA
CALCOCO1	1864.032	-0.07453	0.144112	-0.51716	0.605043	0.733563
UBR7	1099.714	-0.15108	0.1759	-0.8589	0.390398	0.555738
MAP4K5	728.6928	0.933737	0.233947	3.991239	6.57E-05	0.001943
POLR3B	350.7104	0.067132	0.17892	0.375206	0.707507	0.812765
ANGEL1	910.1589	-0.37741	0.134853	-2.79869	0.005131	0.030098
DDX11	181.1412	-0.20397	0.226002	-0.90253	0.366777	0.534116
HEBP1	2432.436	-0.37066	0.126146	-2.93838	0.003299	0.022439
GPRC5A	403.2845	-1.44976	0.281776	-5.14506	2.67E-07	6.34E-05
POLA2	550.3817	-0.28629	0.194744	-1.47009	0.141538	0.28229
CAPN1	8513.172	-0.41124	0.140059	-2.93618	0.003323	0.022535
CCDC88C	2.691208	0.226118	1.181666	0.191355	0.848247	NA
YAF2	301.9518	0.7924	0.201114	3.940048	8.15E-05	0.002244
IGF1	14.62989	0.535079	0.614721	0.870443	0.384059	NA
CNTN1	231.7394	0.025413	0.291776	0.087096	0.930595	0.960575
PHLDB1	1634.454	-0.24885	0.145153	-1.71442	0.086452	0.201508
MNAT1	192.5385	0.577905	0.228053	2.53408	0.011274	0.051071
SAMD4A	1860.614	0.615693	0.148816	4.137271	3.51E-05	0.001342
MRE11A	321.4797	0.838749	0.225438	3.720536	1.99E-04	0.003853
PLEKHB1	145.5545	-0.93577	0.392851	-2.38201	0.017219	0.068384
NRXN3	9.724941	-0.17719	0.639222	-0.27719	0.781631	NA
AQR	904.5138	0.061758	0.138546	0.445758	0.655772	0.772781
RNF10	3342.116	-0.43444	0.11785	-3.68641	2.27E-04	0.004193
ZNF839	264.9565	-0.32756	0.185641	-1.76448	0.077651	0.187485
GRAMD1B	20.71113	-0.51044	0.449132	-1.13651	0.255742	NA
BIRC3	35.11883	0.198982	0.499548	0.398324	0.690392	NA
AKAP11	1559.167	0.349507	0.26272	1.330338	0.183407	0.33663
SNAPC1	83.48992	0.94116	0.28468	3.306033	9.46E-04	0.00998
DERA	1335.333	0.200358	0.132208	1.515477	0.129652	0.266013
STRAP	5155.431	0.089574	0.149448	0.599364	0.54893	0.690147
HSD17B6	39.70661	0.369028	0.377677	0.977098	0.328521	NA
MIPEP	970.6926	-0.11786	0.137955	-0.85432	0.392927	0.557996
PRKCH	560.907	-0.25619	0.173584	-1.47587	0.13998	0.280266
VEZT	662.4892	0.721908	0.203059	3.555165	3.78E-04	0.00569
SNX1	3083.105	0.082867	0.121853	0.680054	0.49647	0.647636
ARNTL2	3.673387	1.015712	1.106828	0.917678	0.358787	NA
SLC39A9	1994.117	-0.3019	0.154482	-1.95426	0.05067	0.139911
NR2E3	0.911593	1.257757	2.250933	0.558771	0.576318	NA
ARID4A	258.865	0.96067	0.87332	1.100021	0.271323	0.436436
IFT88	229.9365	0.89419	0.305855	2.923579	0.00346	0.02312
ZCCHC8	249.4172	0.167881	0.186742	0.899002	0.368652	0.535723
FUT8	491.2032	-0.04207	0.190896	-0.22039	0.825566	0.895106
GAB2	4025.912	-0.63046	0.179059	-3.52097	4.30E-04	0.006186
PIAS1	488.1163	0.268755	0.149154	1.801861	0.071567	0.177335

APBA2	1633.907	-0.20273	0.175384	-1.15591	0.247717	0.411243
DAPK2	17.29517	0.205317	0.621752	0.330223	0.741232	NA
CYP46A1	0.696104	-0.93034	2.354268	-0.39517	0.692715	NA
USP2	34.98202	0.157059	0.411354	0.38181	0.702603	NA
METTL1	340.0709	-0.05016	0.167197	-0.29999	0.764186	0.853696
HOXC8	111.7502	0.123013	0.254189	0.483942	0.628427	0.750857
PSMA4	2366.597	0.583152	0.197092	2.958775	0.003089	0.021653
MYO16	136.7234	-0.20273	0.282084	-0.71869	0.472335	0.628176
TDP1	431.7842	-0.12328	0.186907	-0.65956	0.509538	0.657799
SPATA7	158.9819	0.320906	0.23359	1.373803	0.169503	0.319926
MED17	680.565	0.204189	0.167774	1.217043	0.223588	0.384373
FAM214A	410.3958	0.56345	0.262276	2.148311	0.031689	0.103151
ANO2	12.51369	0.805687	0.790379	1.019367	0.308029	NA
C12orf4	436.9148	0.408196	0.205159	1.989658	0.046629	0.132793
USP28	390.0964	0.118304	0.168097	0.703785	0.481567	0.635881
LMO3	9.077713	-1.18502	0.760212	-1.5588	0.119044	NA
RSF1	922.7683	0.734759	0.607898	1.208688	0.226783	0.388289
KITLG	250.507	1.057865	0.248865	4.250753	2.13E-05	9.59E-04
JKAMP	1429.529	0.25149	0.165211	1.522237	0.12795	0.26412
LIMA1	5500.38	0.675171	0.165815	4.071825	4.66E-05	0.00158
LETMD1	1176.854	-0.24567	0.146835	-1.67308	0.094311	0.214722
SLC4A8	6.222722	-0.98979	0.863072	-1.14682	0.251458	NA
RAD51	352.3287	-0.14742	0.283541	-0.51991	0.603128	0.73214
MPHOSPH9	318.0316	0.59731	0.247233	2.41598	0.015693	0.063953
PLEKHA5	2628.717	0.742432	0.279621	2.655132	0.007928	0.04044
FOXN3	1474.828	-0.11975	0.151402	-0.79094	0.42898	0.59062
NRIP2	81.70877	0.251724	0.320834	0.784591	0.432693	0.593839
AP5M1	1054.506	0.518223	0.166571	3.111125	0.001864	0.015428
SYNE2	1220.049	0.715699	0.736634	0.971581	0.331259	0.499755
PLEKHH1	543.7269	-0.78137	0.278818	-2.80246	0.005071	0.029923
CHRDL2	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
FAM168A	1684.802	-0.4437	0.144705	-3.06624	0.002168	0.017049
RELT	251.682	0.148898	0.30374	0.490213	0.623983	0.747838
GALC	681.1967	-0.03188	0.193071	-0.16511	0.868857	0.922011
PKP2	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
F7	1.429191	0.470595	1.645258	0.286031	0.774855	NA
TMCC3	274.2567	-0.79819	0.260408	-3.06515	0.002176	0.017092
PPP1R12A	713.9067	0.953646	0.602057	1.583979	0.113198	0.241987
RASGRF1	25.16172	-0.22855	0.440572	-0.51875	0.603933	NA
CDK17	740.5452	0.43275	0.22292	1.941282	0.052224	0.142522
SLC2A3	415.5249	-0.16592	0.192525	-0.86182	0.388788	0.554243
YBX3	4168.013	-0.18288	0.138949	-1.31615	0.188124	0.342213
STYK1	0.593018	-0.10389	3.151334	-0.03297	0.973702	NA
WNK1	4441.569	-0.27676	0.193531	-1.43007	0.152697	0.297294
RIMBP2	0.847947	-3.45038	2.752525	-1.25353	0.210012	NA
BCAT1	5.140881	-0.08864	1.000696	-0.08858	0.929414	NA
HDAC7	1117.887	-0.30391	0.145525	-2.08834	0.036767	0.113713

MRPS35	1000.816	0.305085	0.161084	1.893952	0.058231	0.153818
SFSWAP	1394.573	0.153789	0.144111	1.067151	0.285904	0.452344
MON2	1049.501	0.279431	0.159284	1.754298	0.07938	0.190341
DGAT2	21.94956	-0.39025	0.46185	-0.84497	0.39813	NA
CS	3802.855	-0.4437	0.124474	-3.56462	3.64E-04	0.005555
LTK	14.17817	0.982511	0.599546	1.638759	0.101263	NA
EIF4B	8415.224	0.029917	0.153923	0.194361	0.845894	0.908422
ADCK1	420.957	-0.33399	0.155743	-2.14447	0.031995	0.103731
ASUN	676.8278	0.441763	0.165695	2.666124	0.007673	0.03955
TM7SF3	5381.475	-0.30769	0.176903	-1.73929	0.081983	0.194498
SPA17	88.17011	0.207021	0.290015	0.713827	0.475334	0.630605
CDON	646.4127	-0.64523	0.162345	-3.97441	7.06E-05	0.002041
BTBD1	2363.282	0.620757	0.178756	3.472642	5.15E-04	0.006915
FAR2	377.3031	-0.17288	0.170954	-1.0113	0.311874	0.479045
IPO5	3986.179	0.061649	0.122108	0.504874	0.613648	0.740094
DGKA	363.594	0.158757	0.221056	0.718174	0.47265	0.628442
ERBB3	5380.827	-0.31386	0.143679	-2.18448	0.028927	0.096764
FOXJ2	480.3768	-0.58793	0.172014	-3.41794	6.31E-04	0.007785
DIP2B	3854.583	-0.10659	0.128431	-0.82992	0.406587	0.570289
SMARCD1	2248.656	-0.42968	0.125731	-3.41748	6.32E-04	0.007789
ATXN3	340.1969	0.517964	0.270631	1.913912	0.055631	0.149143
GOLGA5	1187.487	0.855773	0.165049	5.184973	2.16E-07	5.34E-05
EML1	226.0873	0.056602	0.190211	0.297576	0.766027	0.854786
KIF26A	1.589987	0.694691	1.591628	0.436466	0.662499	NA
ATG2B	1502.044	0.269114	0.143572	1.874424	0.060872	0.158881
MYO9A	599.346	0.481188	0.24668	1.95066	0.051098	0.140646
NEO1	3077.729	-0.45981	0.188287	-2.44208	0.014603	0.060786
TNFRSF1A	1959.864	-0.30722	0.142542	-2.15533	0.031136	0.101656
STOML1	599.0809	-0.27777	0.147581	-1.88215	0.059816	0.157023
PKM	65874.09	-0.22006	0.153395	-1.43462	0.151395	0.295445
TP53BP1	1318.768	-0.05305	0.143939	-0.36856	0.712456	0.8164
SYT1	87.21715	0.862344	0.336773	2.560609	0.010449	0.048444
NAV3	294.3512	-0.07449	0.251114	-0.29662	0.766753	0.855114
ATP11A	868.9975	-0.43166	0.189928	-2.27276	0.023041	0.083125
CYFIP1	6188.736	-0.3094	0.123764	-2.49992	0.012422	0.054583
RASGRP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PPP2R5B	1689.61	-0.11484	0.136807	-0.83944	0.401223	0.565913
PYGM	0.881566	1.109202	2.554987	0.434132	0.664192	NA
GAL	8.366671	-1.22017	0.727823	-1.67646	0.093647	NA
CLEC2D	35.49743	0.723171	0.394334	1.833904	0.066668	NA
RORA	54.00936	0.690695	0.349974	1.973564	0.048431	0.135798
NEDD4	341.9331	0.642485	0.249143	2.57878	0.009915	0.046923
PIGB	598.6197	0.108751	0.172243	0.631381	0.527791	0.673299
MAPK6	820.509	0.71042	0.214121	3.317841	9.07E-04	0.009758
GNB5	810.1381	0.06655	0.15781	0.421714	0.673234	0.786169
RAB27A	5457.574	0.206614	0.200833	1.028788	0.303579	0.47084
LRP6	822.1983	0.391398	0.184802	2.117939	0.03418	0.10817

SPTB	52.94142	-1.08367	0.354221	-3.05929	0.002219	0.017292
TMEM260	392.8758	0.12953	0.19151	0.676364	0.49881	0.649348
EXOC5	1488.555	0.753193	0.255996	2.942211	0.003259	0.022344
PTPN21	703.3797	0.336368	0.180611	1.862388	0.062548	0.161937
ATP2B1	558.5492	0.668418	0.261317	2.557881	0.010531	0.048693
VASH1	342.6263	-0.40637	0.186198	-2.18248	0.029074	0.096999
SEL1L	3888.833	0.056527	0.164335	0.343975	0.730865	0.829368
SLC6A15	1978.319	0.307415	0.151569	2.028216	0.042538	0.125476
RDH11	2691.827	0.073968	0.167688	0.441108	0.659135	0.775241
ACTN1	7140.691	-0.02762	0.198611	-0.13906	0.889405	0.935323
ZFYVE26	2602.622	-0.46414	0.148616	-3.1231	0.00179	0.015078
MPP5	791.6655	0.530136	0.215803	2.456577	0.014027	0.059304
MARK2	1019.445	-0.49788	0.163565	-3.0439	0.002335	0.017885
CHFR	756.7129	-0.20669	0.159806	-1.29341	0.195869	0.351223
TRHDE	0.260158	1.240347	4.047124	0.306476	0.759242	NA
SCARB1	12247.38	-0.62923	0.136484	-4.61028	4.02E-06	3.70E-04
PDE8A	1159.204	0.38624	0.15118	2.554843	0.010624	0.048986
KDM5A	1537.258	0.278842	0.171489	1.626002	0.103949	0.229013
FERMT2	1252.701	0.406026	0.182012	2.230761	0.025697	0.089705
FRY	317.2328	-0.46867	0.259105	-1.80882	0.07048	0.175377
PICALM	3672.248	0.351118	0.181465	1.934911	0.053001	0.144013
CLNS1A	2091.071	0.238895	0.144124	1.657564	0.097405	0.219324
EED	690.72	0.046782	0.158844	0.294515	0.768364	0.856266
CA12	49.43441	-0.58394	0.389692	-1.49845	0.134015	0.272
NTN4	45.19265	1.668366	0.618686	2.696628	0.007005	NA
NUAK1	227.0234	0.639529	0.37947	1.685321	0.091927	0.210878
DPP8	1371.533	0.471016	0.216595	2.174638	0.029657	0.098236
SLC24A1	462.5707	-0.30239	0.175364	-1.72433	0.084649	0.198309
PTPLAD1	5387.761	-0.01859	0.152368	-0.12199	0.90291	0.943218
SLC12A1	3.013754	0.735973	1.434827	0.512935	0.607997	NA
ACTR6	446.2838	0.918785	0.215682	4.259914	2.05E-05	9.40E-04
TIPIN	166.1403	0.32069	0.222804	1.439334	0.150056	0.2936
NUP37	397.3137	0.149439	0.163812	0.912263	0.36163	0.528818
ACAT1	1838.861	0.299433	0.183497	1.631815	0.102719	0.226934
MARK3	1356.604	0.359127	0.154847	2.319243	0.020382	0.076683
SLC25A3	17818.58	-0.11721	0.143794	-0.81511	0.41501	0.578272
ATP12A	3.950447	-0.11069	1.052486	-0.10517	0.916238	NA
SART3	1455.349	-0.13484	0.142825	-0.94409	0.345125	0.51312
REXO2	1397.47	0.392764	0.156056	2.516822	0.011842	0.052866
RBM7	265.8964	0.500131	0.212336	2.355373	0.018504	0.071688
RBMS2	564.2855	-0.09482	0.170289	-0.55679	0.577671	0.712388
BAZ2A	2900.927	-0.53831	0.149281	-3.60603	3.11E-04	0.00505
UNG	1719.221	-0.36152	0.135516	-2.66773	0.007637	0.039439
ANKRD13A	1321.073	0.171925	0.175022	0.982302	0.325951	0.494011
ACACB	868.7104	-0.47559	0.193014	-2.46404	0.013738	0.058417
MCAM	13499.6	-0.02306	0.290823	-0.0793	0.936791	0.964637
FAM76B	244.1951	1.004873	0.311262	3.228383	0.001245	0.011897

TYR	59184.77	-0.32663	0.145743	-2.24117	0.025015	0.087841
POLD3	323.1764	0.332493	0.173636	1.914886	0.055507	0.148877
NAALAD2	4.82481	1.058497	0.993451	1.065474	0.286661	NA
ACER3	802.2844	0.219811	0.194039	1.13282	0.25729	0.421353
C12orf5	1118.917	0.249952	0.152884	1.634917	0.102066	0.226041
TULP3	954.4464	-0.26221	0.13451	-1.94936	0.051253	0.140974
PPP2R5C	2582.665	0.158307	0.148966	1.062704	0.287916	0.454191
RAPGEF3	6.455707	-0.77873	0.774893	-1.00495	0.314923	NA
SENP1	405.8196	-0.07614	0.18884	-0.40321	0.686795	0.796123
DCT	34472.32	-0.39424	0.574297	-0.68648	0.492411	0.643732
RAB21	978.9374	0.341946	0.19674	1.738064	0.0822	0.194856
CPB2	7.343857	1.096432	0.812138	1.350057	0.176998	NA
CHRNA3	5.637092	0.388074	1.019385	0.380695	0.70343	NA
PSEN1	1903.648	-0.10378	0.140651	-0.73788	0.460587	0.618796
MOK	1133.897	-0.28581	0.23035	-1.24075	0.214698	0.373586
HSP90AA1	16597.47	1.069966	0.266146	4.020227	5.81E-05	0.001793
IGSF9B	1.850145	1.001833	1.48382	0.675172	0.499567	NA
AP4E1	466.6764	0.602978	0.193537	3.115562	0.001836	0.015242
EXD2	987.704	-0.25979	0.133532	-1.9455	0.051714	0.141653
ARG2	240.5897	0.247607	0.402377	0.61536	0.538317	0.681093
AACS	2386.255	-0.27954	0.122106	-2.28934	0.022059	0.081
ERC1	1888.241	-0.43856	0.177224	-2.4746	0.013339	0.057401
DIS3	1090.13	0.68031	0.242955	2.800151	0.005108	0.030022
PIBF1	118.432	1.265146	0.770358	1.642283	0.100531	0.223686
TDRD3	2196.479	0.904691	0.277584	3.259155	0.001117	0.01112
NUFIP1	216.2747	0.219344	0.221474	0.990381	0.321988	0.490197
PDS5B	642.7492	0.568212	0.195669	2.903942	0.003685	0.024216
EPYC	1.213849	-1.34398	1.887808	-0.71193	0.47651	NA
HAL	1.681242	1.965083	1.654241	1.187906	0.23487	NA
SSH1	5651.607	-0.28688	0.125107	-2.29309	0.021843	0.080418
GSTP1	20584.64	-0.18829	0.201398	-0.93494	0.349821	0.517938
APLP2	11983.17	-0.13834	0.122106	-1.13296	0.257231	0.421315
KIAA1467	274.4189	-0.71669	0.173479	-4.13128	3.61E-05	0.001362
SLCO1A2	0.410275	0.244283	3.100889	0.078778	0.937209	NA
WBP11	2957.639	-0.2735	0.130365	-2.09798	0.035907	0.111755
CTTN	10315.8	-0.07987	0.159577	-0.5005	0.61672	0.742224
WNT11	1.866864	-0.99112	1.481314	-0.66908	0.503445	NA
AQP6	2.778603	-0.95543	1.330682	-0.718	0.472759	NA
TMED2	5017.145	0.080725	0.155443	0.519324	0.603535	0.732334
ZFAND6	1630.025	0.392629	0.168828	2.325614	0.020039	0.07588
ZW10	486.1826	0.240157	0.151688	1.583236	0.113368	0.242158
ALG9	157.3288	-0.27149	0.220341	-1.23212	0.217906	0.377341
NOX4	16.57423	0.699624	0.574773	1.217217	0.223522	NA
MTMR2	2181.507	0.186316	0.161676	1.152408	0.249154	0.412992
L2HGDH	171.7243	0.454361	0.274216	1.656947	0.09753	0.219422
TXNDC16	261.6903	0.745889	0.237864	3.135784	0.001714	0.01465
C14orf166	2135.586	0.426215	0.127961	3.330813	8.66E-04	0.00947

NID2	23.95602	0.960737	0.439406	2.186448	0.028783	NA
SF3B2	6969.833	-0.22964	0.120738	-1.90199	0.057172	0.151627
KLHL42	1368.704	0.039324	0.180063	0.218389	0.827126	0.895814
DNM1L	1917.991	0.371563	0.174039	2.134941	0.032766	0.105468
PTHLH	5.929091	1.679868	0.977748	1.718098	0.085779	NA
ERGIC2	632.8509	1.053464	0.260379	4.045894	5.21E-05	0.001693
AAMDC	387.7597	0.127066	0.184693	0.687985	0.491462	0.643291
DOCK9	424.261	0.021865	0.20454	0.106898	0.91487	0.950884
ANKRD10	1011.551	0.655011	0.155593	4.209765	2.56E-05	0.001067
TGDS	248.1501	0.493837	0.226183	2.183349	0.02901	0.096932
PPP1R13B	257.7981	-0.07895	0.224756	-0.35126	0.72539	0.825454
DYNLL1	6509.897	0.265235	0.145836	1.818716	0.068955	0.172824
TESC	1.178278	-0.21536	1.987735	-0.10835	0.913721	NA
RPL6	9474.37	0.370247	0.139672	2.650831	0.008029	0.040681
MAPKAPK5	635.367	0.093993	0.157696	0.596036	0.551151	0.69215
P2RX7	6154.387	-0.16178	0.152533	-1.06062	0.288862	0.455138
ANAPC5	4817.895	0.071216	0.142551	0.499584	0.617368	0.742508
SLC8B1	458.7326	-0.20973	0.176042	-1.19137	0.233507	0.396083
KDM2B	712.9184	-0.41998	0.157376	-2.66865	0.007616	0.039391
LHX5	0.327913	1.543154	4.021063	0.383768	0.701151	NA
OAS1	1570.286	-1.11311	0.294326	-3.7819	1.56E-04	0.003343
GCN1L1	4789.143	-0.67554	0.167406	-4.03537	5.45E-05	0.001728
RPLP0	34337.92	-0.17614	0.119376	-1.47551	0.140074	0.280348
PXN	3396.116	-0.47394	0.125989	-3.76177	1.69E-04	0.003497
SIRT4	52.2776	0.018334	0.312074	0.058749	0.953152	0.974441
RPH3A	17.23813	-0.6431	0.614677	-1.04623	0.295453	NA
PEBP1	18140.62	0.022661	0.121343	0.186755	0.851853	0.911895
TBX5	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
BRAP	493.6574	0.241558	0.152545	1.583523	0.113302	0.242093
ERP29	4016.789	-0.06834	0.150504	-0.45406	0.649786	0.767864
LAG3	0.919846	-3.47044	2.735469	-1.26868	0.204555	NA
MLF2	5958.743	-0.13546	0.143248	-0.94561	0.344348	0.512394
OTUB2	126.6978	-0.28503	0.226913	-1.25613	0.209069	0.366643
DDX24	5266.18	0.01207	0.119823	0.100728	0.919766	0.953549
ZBTB25	79.6361	0.126522	0.314337	0.402506	0.687312	0.796567
NECAP1	931.9913	-0.04293	0.137898	-0.31134	0.755544	0.847421
RCOR1	656.5372	-0.09509	0.162843	-0.58394	0.559263	0.698048
GPATCH2L	895.697	0.371536	0.267063	1.391192	0.164167	0.312894
PAPOLA	3818.226	0.547276	0.143193	3.821941	1.32E-04	0.003029
CCNK	1408.396	-0.41118	0.162777	-2.52601	0.011537	0.051904
IRAK3	386.8579	0.383437	0.234247	1.636894	0.101653	0.225335
LYZ	1.438436	0.401503	1.702105	0.235886	0.813521	NA
PDCD7	664.6685	-0.09814	0.146739	-0.66881	0.503616	0.653539
SPG21	3251.344	-0.22229	0.144347	-1.53995	0.123572	0.257867
ZNF268	127.304	0.556318	0.438657	1.268232	0.204715	0.361395
GOLGA3	2148.632	-0.32649	0.195452	-1.67045	0.09483	0.215442
PITPNM2	627.7704	-0.08836	0.271609	-0.32533	0.744934	0.839379

OSBPL8	1490.173	0.861406	0.561642	1.533729	0.125096	0.260016
CMA1	7.191762	1.214558	1.332728	0.911332	0.36212	NA
PSME1	3611.351	-0.25715	0.183122	-1.40424	0.160249	0.307602
PPP2R3C	610.9385	0.471432	0.186214	2.53167	0.011352	0.051249
HAUS4	314.5932	-0.15577	0.16796	-0.92744	0.353697	0.521656
JPH4	10.53174	-1.00951	0.61878	-1.63145	0.102796	NA
MYH7	0.823499	-2.06708	2.534576	-0.81555	0.414756	NA
SLC7A8	8024.589	-0.07543	0.199951	-0.37724	0.705993	0.811553
OSGEP	527.2385	-0.05007	0.1638	-0.30569	0.759844	0.850495
SLC22A17	476.991	0.169454	0.25115	0.674713	0.499858	0.65026
RNF31	718.1545	-0.48017	0.137895	-3.48215	4.97E-04	0.006762
SCFD1	711.561	0.955594	0.233437	4.093593	4.25E-05	0.001514
G2E3	286.5439	0.865888	0.267604	3.235706	0.001213	0.01178
HECTD1	2442.863	0.548694	0.204592	2.681894	0.007321	0.038367
HNRNPC	8509.434	-0.03592	0.163469	-0.21974	0.826077	0.895364
RPGRIP1	2.593629	-0.1577	1.339341	-0.11775	0.906269	NA
SUPT16H	2671.368	0.412058	0.18694	2.204231	0.027508	0.093709
TOX4	1734.84	-0.15137	0.125524	-1.20588	0.227862	0.389574
GEMIN2	120.8416	0.303811	0.230999	1.315207	0.18844	0.342737
TGM1	8.256349	0.006869	0.718669	0.009558	0.992374	NA
TINF2	1379.183	-0.22109	0.134537	-1.6433	0.10032	0.223425
TRPM7	1781.92	0.959862	0.247711	3.874919	1.07E-04	0.002681
TYRO3	3332.335	-0.11913	0.158701	-0.75066	0.452857	0.611879
WDR76	232.7271	0.053769	0.205545	0.261594	0.793635	0.874943
CAPN3	1083.233	-0.24142	0.162154	-1.48884	0.136528	0.27559
SNAP23	1123.89	0.192311	0.137193	1.401755	0.160988	0.308572
MYL6	18367.12	0.143738	0.142949	1.005522	0.314646	0.482053
AAAS	1150.829	-0.40796	0.134231	-3.03919	0.002372	0.01805
CBX5	1569.268	-0.26046	0.165737	-1.57151	0.116065	0.246398
NXPE1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ARCN1	3697.199	-0.05003	0.136062	-0.3677	0.713098	0.816711
CEP170B	2590.289	-0.3991	0.151146	-2.64051	0.008278	0.041548
KCNK10	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
ABHD4	1774.805	0.021974	0.159808	0.1375	0.890636	0.936036
KHNYN	1444.296	-0.30018	0.140712	-2.13326	0.032904	0.105627
FKBP3	674.5733	0.539166	0.209297	2.576086	0.009993	0.047157
SDR39U1	210.7141	0.25139	0.200377	1.254586	0.209629	0.367191
CTSG	1.826346	0.764873	2.012993	0.379968	0.703969	NA
GZMH	0.192403	0.975392	4.060716	0.240202	0.810174	NA
GZMB	12.41494	0.621932	0.585658	1.061938	0.288264	NA
RBM23	2228.992	-0.17202	0.169412	-1.01537	0.309931	0.477235
PRMT5	1408.072	-0.28153	0.159406	-1.7661	0.077379	0.187058
COCH	3.74797	0.711688	1.042266	0.682828	0.494716	NA
AP4S1	78.1861	0.270157	0.264559	1.021161	0.307178	0.474475
POLE2	121.3341	0.255498	0.293644	0.870096	0.384248	0.550351
VCPKMT	90.75812	0.652796	0.251198	2.598728	0.009357	0.045147
SOS2	1371.788	0.578177	0.221141	2.614515	0.008935	0.043845

CDKL1	26.49563	0.179364	0.540778	0.331678	0.740132	NA
NIN	1403.294	0.429042	0.646043	0.664107	0.506622	0.655875
PYGL	2835.397	-0.15239	0.25735	-0.59215	0.553748	0.69406
TRIM9	75.30382	-0.77189	0.34957	-2.20811	0.027237	0.092946
PSMC6	914.3287	0.889844	0.212901	4.179609	2.92E-05	0.00117
GNPNAT1	437.2931	0.119378	0.17062	0.699672	0.484132	0.63777
DDHD1	355.405	0.365357	0.17734	2.060206	0.039379	0.119061
CDKN3	706.7297	0.269581	0.179184	1.504493	0.132455	0.269673
CNIH1	2485.261	0.222051	0.164495	1.349898	0.177049	0.329241
CGRRF1	344.584	0.513853	0.214828	2.391922	0.01676	0.067263
ATP6V1D	3538.268	0.379994	0.164293	2.312913	0.020727	0.077653
C14orf105	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PLEK2	261.8968	-0.01742	0.178986	-0.09733	0.922464	0.95505
PIGH	629.4128	-0.03838	0.175268	-0.219	0.82665	0.895625
C14orf166I	0.260158	1.240347	4.047124	0.306476	0.759242	NA
PSMA3	1326.467	0.584763	0.170291	3.43391	5.95E-04	0.007535
VTI1B	2016.545	0.136723	0.133041	1.027677	0.304102	0.47132
TIMM9	377.39	0.021983	0.168498	0.130467	0.896197	0.939326
GSTZ1	525.9814	-0.36783	0.19522	-1.88416	0.059544	0.156482
KIAA0586	236.7911	0.41552	0.335443	1.238718	0.21545	0.374583
TMED8	1185.01	-0.03111	0.188259	-0.16523	0.868765	0.922011
SAMD15	16.09067	-0.87805	0.56259	-1.56072	0.118589	NA
AHSA1	2993.866	0.003039	0.135724	0.022392	0.982135	0.990311
DAAM1	561.3025	0.816865	0.24465	3.338917	8.41E-04	0.00931
ISM2	1.274922	-0.93633	1.907377	-0.4909	0.623496	NA
SPTLC2	1908.816	-0.24482	0.152098	-1.60962	0.107481	0.233925
RIN3	2565.485	-0.67024	0.144368	-4.64259	3.44E-06	3.37E-04
LGMN	1707.839	-0.29587	0.137779	-2.14741	0.031761	0.103214
ALKBH1	303.8824	-0.10018	0.174169	-0.57517	0.565177	0.702545
SNW1	1493.307	0.260521	0.190569	1.367064	0.171605	0.322661
CHGA	1.061949	-0.45116	2.030098	-0.22224	0.82413	NA
ITPK1	10423.15	-0.39744	0.148959	-2.66808	0.007629	0.039423
DHRS7	3131.392	-0.06356	0.123802	-0.51337	0.607693	0.735198
PPM1A	1152.158	0.265383	0.15972	1.661551	0.096603	0.218014
SIX4	2.405524	0.20377	1.29768	0.157026	0.875224	NA
GALNT16	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
ASB2	290.8645	0.225952	0.303305	0.744965	0.456293	0.614817
CEP128	277.9316	0.662743	0.306092	2.165173	0.030374	0.099941
ERH	2691.904	0.227217	0.177313	1.281447	0.200037	0.356067
HIF1A	2152.921	0.436166	0.168976	2.581233	0.009845	0.046721
KIAA0247	699.6575	-0.44559	0.16186	-2.75294	0.005906	0.033043
SRSF5	2796.025	0.504174	0.156964	3.212033	0.001318	0.012423
SLC10A1	0.80576	2.889259	2.725368	1.060136	0.289083	NA
EIF5	3599.943	0.369866	0.141505	2.613801	0.008954	0.043919
DICER1	861.4729	0.527832	0.308891	1.708795	0.087489	0.203249
ZFYVE21	1289.35	-0.06775	0.141789	-0.4778	0.632793	0.754704
MTHFD1	3353.417	-0.1944	0.124739	-1.55846	0.119123	0.250792

ZC3H14	741.426	0.521925	0.196353	2.658099	0.007858	0.04019
PCNX	1422.617	0.058617	0.162715	0.360241	0.718667	0.820552
BDKRB1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GSKIP	664.8355	0.62862	0.21971	2.861139	0.004221	0.02638
VRK1	408.5704	0.714737	0.200535	3.564159	3.65E-04	0.005555
PSMC1	848.9312	0.284344	0.182419	1.558742	0.119057	0.250759
PAPLN	113.99	-0.55356	0.349238	-1.58504	0.112957	0.241759
RPS6KA5	290.7414	0.175165	0.224136	0.781513	0.434501	0.595561
SMEK1	941.6758	0.590509	0.203996	2.894705	0.003795	0.024612
C14orf93	171.5665	-0.47077	0.200305	-2.35028	0.018759	0.072322
PSMB5	4137.572	-0.04952	0.143652	-0.34474	0.730287	0.82887
YY1	2593.04	0.035358	0.141774	0.249397	0.803054	0.882059
ACIN1	3966.516	-0.22657	0.13285	-1.70548	0.088105	0.204439
CCNB1IP1	1304.597	0.099119	0.180248	0.549903	0.582386	0.715905
TRIP11	382.0279	0.802418	1.020413	0.786366	0.431653	0.592892
APEX1	4804.728	-0.03627	0.133961	-0.27078	0.78656	0.870699
PABPN1	800.2641	0.009339	0.154375	0.060494	0.951762	0.97348
EFS	605.5214	-0.23563	0.161253	-1.46124	0.14395	0.285539
ARHGAP5	1650.933	0.920852	0.31725	2.902602	0.003701	0.024281
CINP	1031.086	-0.28516	0.129036	-2.20993	0.02711	0.092647
DHRS2	3.661405	-2.57027	1.207498	-2.12859	0.033288	NA
SRP54	1233.987	0.512183	0.210332	2.435117	0.014887	0.061701
CPNE6	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
CHD8	2517.478	-0.31306	0.123023	-2.54471	0.010937	0.049887
PCK2	860.4103	-0.59026	0.15938	-3.70349	2.13E-04	0.00404
KIAA0391	21.77152	-0.1278	0.515354	-0.24798	0.804154	NA
DCAF11	2469.573	-0.30581	0.152994	-1.99884	0.045625	0.130776
PSMA6	595.5763	0.180089	0.206013	0.874167	0.382027	0.548164
NFKBIA	1040.967	-0.0471	0.142791	-0.32985	0.741516	0.837127
EMC9	343.0361	-0.1968	0.206952	-0.95096	0.341623	0.509812
PSME2	3261.514	-0.06575	0.150496	-0.43689	0.662191	0.777717
BRMS1L	274.4264	0.547579	0.226672	2.415735	0.015703	0.063974
REC8	71.7793	-0.47463	0.342754	-1.38477	0.166124	0.315242
TM9SF1	246.8525	-0.28843	0.204198	-1.41248	0.157809	0.304248
SEC23A	2243.533	0.455936	0.162941	2.798158	0.005139	0.030133
GMPR2	1716.314	1.79E-04	0.125853	0.001424	0.998864	0.999384
PNN	562.4092	1.005855	0.685226	1.467918	0.142126	0.282988
RABGGTA	1181.756	-0.22797	0.137291	-1.6605	0.096815	0.218284
NFATC4	1882.938	-0.42114	0.127416	-3.30524	9.49E-04	0.009991
EEA1	611.8255	1.167205	0.946782	1.232813	0.217646	0.377018
KIAA0226L	23.34107	-0.9391	0.468627	-2.00393	0.045078	NA
NALCN	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
FGF14	12.9214	-1.17085	0.680331	-1.72099	0.085252	NA
HTR2A	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
NDFIP2	1395.704	0.569593	0.163705	3.47939	5.03E-04	0.006793
TNFSF13B	21.24719	0.333122	0.533162	0.624804	0.5321	NA
FNDC3A	1584.619	0.614323	0.215309	2.853223	0.004328	0.02675

MLNR	5.586379	-0.38745	0.852778	-0.45434	0.649585	NA
CDADC1	239.7018	0.951316	0.250495	3.79775	1.46E-04	0.003182
CAB39L	1021.369	0.709314	0.268288	2.64385	0.008197	0.041263
KLF5	454.3616	0.855664	0.242172	3.533285	4.10E-04	0.006022
STK24	3489.834	-0.32023	0.154964	-2.06648	0.038784	0.117741
DNAJC3	668.2013	0.577312	0.178749	3.229741	0.001239	0.011874
UGGT2	400.5675	0.813677	0.294294	2.764845	0.005695	0.03235
ARHGEF7	1746.114	-0.18323	0.122979	-1.48991	0.136248	0.275434
FGF9	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SGCG	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
PARP4	2288.406	0.053741	0.166851	0.322091	0.747384	0.84124
SUPT20H	721.859	0.29566	0.204899	1.442957	0.149033	0.292417
MRPS31	238.7009	0.687621	0.202098	3.402412	6.68E-04	0.008064
SLC25A15	357.15	-0.47444	0.166984	-2.8412	0.004494	0.027439
KPNA3	1287.454	0.42674	0.150314	2.83899	0.004526	0.027525
FLT1	79.78403	1.260187	0.481834	2.615396	0.008912	0.043786
RGCC	45.36337	0.616053	0.346077	1.780105	0.075059	NA
VWA8	602.9804	0.017367	0.157622	0.110184	0.912263	0.949227
DGKH	193.2589	0.824826	0.218862	3.76871	1.64E-04	0.003461
KATNAL1	720.8895	0.542755	0.232813	2.331296	0.019738	0.075032
INTS6	532.8147	0.583432	0.202222	2.885106	0.003913	0.025101
DHRS12	351.767	-0.0357	0.191424	-0.1865	0.85205	0.911895
MEDAG	2.072664	0.637648	1.573195	0.40532	0.685242	NA
TSC22D1	2449.103	-0.00853	0.13675	-0.0624	0.950244	0.972391
CLN5	1471.518	0.144059	0.157296	0.915845	0.359748	0.526911
OLFM4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
AAGAB	1130.616	0.159527	0.154399	1.033213	0.301504	0.468442
IQCH	19.02849	0.291363	0.517062	0.563496	0.573097	NA
LACTB	839.0588	0.69777	0.236787	2.946819	0.003211	0.022116
CORO2B	2089.895	-1.31012	0.268442	-4.88047	1.06E-06	1.68E-04
CSK	2673.798	-0.44742	0.144913	-3.08751	0.002018	0.016256
HERC1	2039.791	-0.24174	0.16262	-1.48653	0.137138	0.276319
TRIP4	554.5652	0.107287	0.174184	0.615943	0.537932	0.681032
MTFMT	481.2982	0.087602	0.173652	0.504469	0.613932	0.740239
RASL12	7.579471	0.665094	0.754147	0.881915	0.377823	NA
AP3B2	5.579503	0.272157	0.849264	0.320462	0.748618	NA
ACSBG1	73.37614	0.736622	0.462461	1.592831	0.111198	0.239334
IGDCC4	2.71165	-1.70307	1.310914	-1.29915	0.193894	NA
RAB11A	4079.449	0.26764	0.119715	2.235654	0.025374	0.088919
CTSH	1790.858	-0.32832	0.139126	-2.35987	0.018282	0.071058
GOLGA8UP	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
CD276	2821.07	-0.4947	0.123884	-3.99325	6.52E-05	0.001941
FAH	1785.766	-0.30601	0.151685	-2.01737	0.043657	0.127299
KIAA1199	21.35959	0.204006	0.560682	0.363853	0.715968	NA
RPAP1	1000.04	-0.52618	0.150115	-3.50519	4.56E-04	0.00643
HOMER2	202.203	-0.20177	0.263294	-0.76634	0.443471	0.603336
EHD4	6244.73	-0.49269	0.174843	-2.8179	0.004834	0.028855

TMEM87A	1588.44	0.275235	0.150931	1.823576	0.068216	0.171408
ZNF106	17771.56	0.352039	0.177091	1.987902	0.046823	0.133177
CEP152	107.5289	1.212594	0.392578	3.088799	0.00201	0.016251
ATP8B4	0.747636	0.735436	2.634453	0.279161	0.780122	NA
OCA2	13170.55	-0.72188	0.183739	-3.92883	8.54E-05	0.002317
DTWD1	208.6138	0.612304	0.214964	2.848399	0.004394	0.027074
FAM189A1	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
GABPB1	410.1335	0.318126	0.181571	1.752073	0.079761	0.191024
TJP1	1302.366	-0.13518	0.196292	-0.68868	0.491022	0.642998
BMF	810.4359	0.494066	0.192971	2.560311	0.010458	0.048467
DMXL2	1409.055	0.411953	0.289388	1.42353	0.154583	0.299882
SCG3	3.815762	0.718638	1.100791	0.652838	0.513861	NA
DNAJC17	236.631	-0.11732	0.203778	-0.57574	0.564788	0.702356
EIF3J	979.1652	0.616199	0.211265	2.916718	0.003537	0.023559
SPG11	1222.69	-0.10373	0.208522	-0.49746	0.618868	0.743481
RHOV	1.79044	-0.15215	1.460398	-0.10418	0.917026	NA
VPS18	3578.993	-0.57877	0.128455	-4.50565	6.62E-06	4.97E-04
OIP5	97.03407	-0.30573	0.297183	-1.02876	0.303594	0.47084
SLC30A4	339.6214	0.259695	0.201771	1.287077	0.198067	0.353894
BLOC1S6	1878.87	0.654302	0.182444	3.58632	3.35E-04	0.005288
MYEF2	964.1347	0.371611	0.225244	1.649818	0.09898	0.221858
DDX25	12.77159	0.511044	0.609981	0.837802	0.402142	NA
CRYAB	13035.24	1.042702	0.535858	1.945856	0.051672	0.141603
CTSC	1885.281	-0.09325	0.158046	-0.59002	0.555179	0.695073
ZBTB16	0.258578	1.233151	4.047809	0.304646	0.760635	NA
ZNF259	1486.494	-0.04822	0.142547	-0.33828	0.735151	0.83232
TECTA	22.4882	-0.21121	0.447671	-0.4718	0.637067	NA
SC5D	1510.871	0.925844	0.233645	3.962606	7.41E-05	0.002116
C11orf63	245.0143	0.303293	0.200583	1.512056	0.13052	0.26704
B3GAT1	5.51306	-0.20413	0.951978	-0.21442	0.830217	NA
HSPA8	45672.15	-0.0016	0.172116	-0.00929	0.992587	0.996738
VWA5A	105.8564	-0.26588	0.298966	-0.88935	0.373816	0.540043
DNAJC4	669.6114	-0.31	0.150881	-2.05459	0.039919	0.120287
SIAE	681.93	0.176001	0.149824	1.174713	0.24011	0.403355
SNX15	573.6783	-0.2336	0.196692	-1.18763	0.23498	0.397785
ATG2A	3269.396	-0.66531	0.124586	-5.34018	9.29E-08	3.24E-05
EHD1	1934.748	-0.33277	0.148758	-2.23701	0.025286	0.088662
UNC93B1	1049.781	-0.68365	0.154869	-4.41435	1.01E-05	6.32E-04
PUS3	220.889	0.280971	0.21374	1.314544	0.188663	0.342879
DCPS	987.9958	-0.23866	0.141451	-1.68719	0.091566	0.210412
SUV420H1	516.884	0.508375	0.225358	2.255858	0.02408	0.085828
FOXRED1	627.9511	-0.2046	0.20691	-0.98882	0.322753	0.490733
PPP6R3	1773.081	0.501277	0.200356	2.501927	0.012352	0.054456
NRXN2	6.7854	1.117226	0.848078	1.317363	0.187717	NA
ST3GAL4	16740.54	-0.01291	0.128877	-0.10014	0.920231	0.953864
CPT1A	2935.198	-0.03283	0.22581	-0.14537	0.884415	0.931563
CCND1	42521.56	0.199689	0.285591	0.699213	0.484419	0.638017

CHORDC1	585.7887	1.003884	0.226647	4.429286	9.45E-06	6.12E-04
FOLR1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
ANAPC15	186.5754	0.118437	0.21453	0.552076	0.580897	0.714667
FOLR3	12.61514	0.569088	0.755876	0.752885	0.451519	NA
PANX1	1787.137	-0.02765	0.158872	-0.17405	0.861824	0.91821
ARHGEF17	1744.083	-0.55912	0.175305	-3.18942	0.001426	0.013132
CEP164	681.0927	-0.36565	0.153424	-2.38323	0.017162	0.06825
KIAA1377	45.49467	0.442785	0.526951	0.840276	0.400754	NA
IL10RA	0.192403	0.975392	4.060716	0.240202	0.810174	NA
BIRC2	954.3643	0.875951	0.255213	3.432236	5.99E-04	0.007574
UBE4A	1155.352	-0.14127	0.172124	-0.82073	0.411802	0.575044
DDX6	1842.526	0.045009	0.186889	0.240831	0.809686	0.886237
UPK2	1.967817	0.07878	1.540974	0.051123	0.959227	NA
CBL	1196.918	-0.21118	0.161215	-1.30992	0.190224	0.344448
PVRL1	649.9437	-0.62276	0.182832	-3.40618	6.59E-04	0.007993
NAA40	411.0902	-0.03974	0.187077	-0.21243	0.83177	0.898873
SLC35F2	966.3919	0.26177	0.194685	1.344584	0.17876	0.33126
ELMOD1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
PITPNM1	3081.317	-0.25528	0.196519	-1.29899	0.193948	0.348953
AIP	2517.344	-0.12837	0.143113	-0.89699	0.369722	0.536613
NDUFS8	2379.283	-0.14473	0.141741	-1.02106	0.307226	0.474487
TCIRG1	922.8365	-0.14919	0.172389	-0.86542	0.386809	0.552871
CHKA	661.5905	-0.13853	0.175779	-0.78809	0.430647	0.592195
EXPH5	3.379497	-0.22606	1.14372	-0.19765	0.84332	NA
POU2AF1	0.715249	-0.95037	2.624937	-0.36205	0.717313	NA
VWF	13.70362	-0.98159	0.589374	-1.66547	0.095818	NA
PSMD9	410.5209	-0.07697	0.161783	-0.47577	0.634235	0.755664
LEPREL2	2025.186	-0.3142	0.156878	-2.00284	0.045195	0.130076
PPFIBP1	2498.418	0.382241	0.199069	1.920142	0.05484	0.147555
PRPF40B	203.5412	-0.47261	0.203933	-2.31747	0.020478	0.076899
CD69	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
PRDM4	1069.808	0.02709	0.147587	0.18355	0.854366	0.913506
CLEC2B	198.5363	1.150685	0.307097	3.746972	1.79E-04	0.003621
COQ5	740.1567	-0.09462	0.143622	-0.65881	0.51002	0.65835
SELPLG	15.68907	-0.1	0.546814	-0.18288	0.854896	NA
CORO1C	9514.469	-0.02283	0.148493	-0.15371	0.877836	0.926876
ASIC1	138.1824	-0.25453	0.308914	-0.82396	0.409961	0.573435
DAO	1.692658	-0.35328	1.666493	-0.21199	0.832116	NA
CAPRIN2	701.7692	0.495291	0.170921	2.897784	0.003758	0.024485
TSPAN11	269.1288	0.104884	0.26487	0.395984	0.692117	0.800961
KCTD10	3368.363	-0.07345	0.134066	-0.54787	0.583779	0.717088
SLC11A2	2475.514	-0.03467	0.128682	-0.26941	0.787618	0.871252
MLEC	16526.23	-0.59412	0.13428	-4.42452	9.67E-06	6.19E-04
MVK	1181.438	-0.35593	0.186432	-1.90916	0.056242	0.150066
CSRNP2	994.3119	-0.09652	0.186196	-0.51836	0.604209	0.732942
CAMKK2	1993.752	-0.22569	0.129879	-1.73769	0.082265	0.194934
IL23A	6.925069	-0.41734	0.777885	-0.53651	0.591607	NA

ATP5B	26943.49	-0.15373	0.119479	-1.28671	0.198197	0.35399
PTGES3	4714.949	0.023568	0.149262	0.1579	0.874535	0.925145
BCL7A	421.0166	-0.29914	0.225589	-1.32604	0.184826	0.338239
RSRC2	651.4674	0.783218	0.267005	2.933342	0.003353	0.022701
CYP27B1	5.953686	0.351317	0.834136	0.421175	0.673627	NA
LIN7A	0.555087	0.973802	2.808575	0.346725	0.728798	NA
KRT18	1.088049	1.239202	2.655459	0.466662	0.640742	NA
ACSS3	0.258578	1.233151	4.047809	0.304646	0.760635	NA
TENC1	708.2511	-0.69139	0.156936	-4.40557	1.06E-05	6.38E-04
GLI1	51.87452	0.40356	0.341345	1.182267	0.2371	0.399946
PPM1H	1405.645	-0.5261	0.18532	-2.83886	0.004527	0.027525
METAP2	1333.015	0.870489	0.249942	3.482764	4.96E-04	0.006762
LTA4H	2704.446	-0.02496	0.148597	-0.16798	0.866598	0.920772
ELK3	1037.758	0.555584	0.182408	3.045834	0.00232	0.017804
SLC6A12	3.737079	-0.07962	1.04607	-0.07611	0.939328	NA
WNT5B	5.313012	-0.19573	0.934487	-0.20945	0.834096	NA
MAGOHB	166.3203	0.470492	0.25641	1.834918	0.066518	0.168462
TRPV4	38.41131	0.386029	0.406126	0.950517	0.34185	NA
ITFG2	598.706	-0.24806	0.155416	-1.59611	0.110464	0.238361
FOXM1	2479.11	-0.64997	0.304798	-2.13245	0.03297	0.105731
PRR4	38.98555	0.562048	0.399389	1.40727	0.159347	NA
PRMT8	0.47961	0.535796	3.39605	0.15777	0.874638	NA
PARP11	154.688	0.097135	0.329103	0.295152	0.767878	0.855885
ARPC3	3472.963	0.503159	0.149321	3.369639	7.53E-04	0.008782
GPN3	469.3864	0.55621	0.17626	3.155623	0.001602	0.014125
VPS29	1850.586	0.503482	0.154073	3.267822	0.001084	0.010916
RAD51AP1	154.191	0.920548	0.22979	4.006046	6.17E-05	0.001867
CUX2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SH2B3	1828.671	-0.21687	0.191513	-1.1324	0.257466	0.421466
AKAP3	48.83099	0.080051	0.335509	0.238594	0.81142	0.887561
MANSC1	121.539	-0.03451	0.266481	-0.1295	0.896965	0.939771
KCNA1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
DUSP16	936.7709	-0.14931	0.210251	-0.71014	0.477615	0.632358
CREBL2	3644.465	-0.01692	0.180739	-0.0936	0.925427	0.957492
ACAD10	666.1145	-0.32932	0.167289	-1.96859	0.049	0.136932
ALDH2	340.9054	-0.25469	0.226643	-1.12374	0.261123	0.425573
CDKN1B	1658.959	0.099577	0.187211	0.531895	0.594798	0.725073
GPRC5D	0.354779	1.703954	3.657232	0.465914	0.641277	NA
NAA25	560.8217	0.457039	0.185822	2.459559	0.013911	0.058918
GSG1	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
SCNN1A	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LTBR	5472.731	-0.14946	0.14773	-1.0117	0.31168	0.478933
OGFOD2	12.78002	0.140989	0.55723	0.253017	0.800255	NA
CDK2AP1	4617.949	0.189499	0.218279	0.86815	0.385312	0.55121
OAS3	3931.976	-1.46735	0.267045	-5.49477	3.91E-08	1.85E-05
OAS2	3347.99	-1.42022	0.291712	-4.86856	1.12E-06	1.75E-04
ART4	0.506476	0.726418	2.864186	0.253621	0.799788	NA

MGP	66.64449	3.063377	1.317757	2.32469	0.020089	0.075965
ARHGDIB	19.65994	-0.56751	0.45314	-1.25239	0.210428	NA
GTF2H3	635.6028	0.271558	0.22747	1.193821	0.232548	0.394795
EIF2B1	1556.349	0.02356	0.142516	0.165313	0.868698	0.922011
DDX55	591.0547	0.766741	0.171255	4.477187	7.56E-06	5.34E-04
SLC38A1	0.324752	1.53082	4.022025	0.380609	0.703493	NA
ENDOU	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
C12orf49	2200.853	-0.24142	0.132248	-1.82553	0.06792	0.17081
VDR	295.9677	-0.1352	0.231403	-0.58427	0.55904	0.697891
FZD10	3.324243	-0.48167	1.361003	-0.35391	0.723409	NA
RFC5	451.2476	-0.04346	0.195028	-0.22287	0.82364	0.893657
STX2	877.954	0.446487	0.133087	3.354847	7.94E-04	0.008997
GPR133	5.385308	-0.20423	0.936315	-0.21813	0.827331	NA
COPZ1	4045.44	-0.27774	0.134355	-2.06718	0.038717	0.1176
TBC1D30	8.292965	0.326313	0.754606	0.432429	0.66543	NA
CAND1	3735.698	0.375561	0.157638	2.38243	0.017199	0.068328
IL26	0.163957	0.424913	4.079006	0.104171	0.917034	NA
IFNG	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RAB5B	1996.113	-0.30826	0.126611	-2.43472	0.014903	0.061732
MDM1	124.9859	0.726619	0.273577	2.65599	0.007908	0.040371
NUP107	563.9707	0.547416	0.229439	2.385889	0.017038	0.067932
CNOT2	1122.474	0.393181	0.160771	2.445606	0.014461	0.060524
TIMELESS	1226.272	-0.34765	0.222715	-1.56095	0.118536	0.249961
CPSF6	1555.734	0.13582	0.12885	1.054099	0.291838	0.458668
KRR1	286.6831	1.167391	0.332023	3.515991	4.38E-04	0.006274
MRPL51	2531.92	0.044982	0.14461	0.311054	0.75576	0.847421
GAPDH	55018.16	-0.23777	0.135601	-1.75343	0.079529	0.190609
NOP2	1746.512	-0.15667	0.216978	-0.72208	0.470248	0.626592
CHD4	8497.996	-0.24468	0.119197	-2.05278	0.040093	0.120637
ACRBP	1.404614	-1.20865	1.657173	-0.72935	0.465789	NA
UHRF1BP1l	428.9719	0.902517	0.201058	4.488836	7.16E-06	5.25E-04
COPS7A	3863.44	-0.20555	0.148436	-1.38474	0.166132	0.315242
ING4	727.3382	-0.03648	0.166743	-0.21876	0.826836	0.895634
GNB3	9.841368	-0.04706	0.667342	-0.07052	0.943778	NA
CDCA3	114.0269	-0.45626	0.301661	-1.5125	0.130407	0.267007
CHPT1	2973.825	0.021332	0.176827	0.120637	0.903978	0.944033
USP5	4048.961	-0.46621	0.124073	-3.75755	1.72E-04	0.003525
TPI1	14285.65	-0.11634	0.128495	-0.90543	0.365238	0.532491
GNPTAB	5735.272	0.293909	0.180398	1.629222	0.103266	0.227762
SPSB2	353.646	0.014814	0.157924	0.093802	0.925266	0.957409
ENO2	3223.971	-0.12281	0.211454	-0.58078	0.561392	0.699601
ATN1	3690.911	-0.54253	0.176883	-3.06718	0.002161	0.017033
C12orf57	2144.137	0.023607	0.144411	0.163472	0.870147	0.923095
PTPN6	2.52498	-0.94193	1.325075	-0.71085	0.477178	NA
LPCAT3	954.265	-0.29376	0.212101	-1.385	0.166051	0.315242
NT5DC3	693.1947	-0.54961	0.239213	-2.29756	0.021587	0.079801
SUDS3	838.9296	0.363556	0.169382	2.146366	0.031844	0.103399

GOLT1B	1036.993	0.550824	0.169277	3.253988	0.001138	0.011214
GYS2	0.971297	3.154786	2.249666	1.402335	0.160815	NA
LDHB	18503.33	0.233339	0.153208	1.523022	0.127753	0.263761
PRKAB1	484.2883	-0.35464	0.163397	-2.17045	0.029973	0.098922
CMAS	977.5543	0.396194	0.143693	2.757231	0.005829	0.032752
HCFC2	366.7014	0.629934	0.202227	3.114991	0.00184	0.015261
ST8SIA1	479.6627	0.35929	0.225725	1.591714	0.111449	0.239657
CLEC4A	1.518479	3.806204	1.96339	1.938588	0.052551	NA
C2CD5	493.7433	0.671555	0.229016	2.932354	0.003364	0.022712
AICDA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RAB35	1902.175	-0.22176	0.142503	-1.55616	0.119669	0.251583
PHC1	296.4557	-0.33451	0.22724	-1.47208	0.141001	0.281502
COX6A1	1082.366	0.014761	0.147787	0.09988	0.92044	0.953884
RFX4	0.820549	0.502564	2.433834	0.206491	0.836408	NA
RIC8B	392.374	0.203891	0.169382	1.203735	0.228692	0.390429
SRSF9	3568.686	-0.12666	0.118419	-1.06958	0.284808	0.45116
	53.7037	0.172018	0.302513	0.56863	0.569607	0.705813
FGFR1OP2	821.6326	0.777676	0.185225	4.198536	2.69E-05	0.001098
KLRB1	2.718671	0.259743	1.235096	0.210302	0.833432	NA
FBRSL1	1188.909	-0.46863	0.160166	-2.92589	0.003435	0.022986
UBE3A	1405.691	0.493479	0.227978	2.16459	0.030419	0.099989
MESDC2	2027.132	-0.0265	0.122612	-0.21614	0.828875	0.896738
RCN2	1970.643	0.710143	0.166751	4.258704	2.06E-05	9.41E-04
CHRNB4	7.792552	-0.22113	0.733556	-0.30145	0.763072	NA
KMT2A	1101.214	-0.26006	0.187069	-1.39019	0.164472	0.313274
TREH	0.424115	1.932531	3.45462	0.559405	0.575885	NA
IFT46	678.4693	-0.05124	0.161808	-0.31667	0.751491	0.844608
MMP8	1142.962	0.402039	0.188014	2.138352	0.032488	0.104859
RPS25	12779.69	0.524303	0.13585	3.859432	1.14E-04	0.002777
CASC1	2.394146	1.418732	1.411215	1.005326	0.31474	NA
SPCS2	1119.406	-0.1244	0.189185	-0.65757	0.510816	0.659019
USP35	721.1787	-0.44568	0.156945	-2.8397	0.004516	0.027525
SLC16A7	122.2521	0.330877	0.309913	1.067644	0.285681	0.452291
TMEM5	449.3651	0.131314	0.201068	0.653082	0.513704	0.660803
KLF12	412.8669	0.317385	0.216841	1.463681	0.143281	0.284682
UCHL3	72.77435	0.271219	0.263428	1.029577	0.303208	0.47046
PCDH17	1.920675	2.241316	1.635771	1.370189	0.170628	NA
CCND2	32.13658	0.367371	0.559254	0.656895	0.511248	NA
	6.706811	-0.09877	0.782859	-0.12616	0.899604	NA
CCDC92	1454.005	-0.16278	0.156743	-1.03851	0.299031	0.465897
YLPM1	1707.582	-0.45389	0.238001	-1.90708	0.056511	0.150513
DCAF4	727.2682	-0.10962	0.174951	-0.62657	0.530941	0.675555
PROX2	5.968126	0.339973	0.818242	0.415492	0.677782	NA
VSX2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FCF1	715.3089	0.007538	0.178344	0.042267	0.966286	0.981451
PGF	159.8991	0.138289	0.357951	0.386335	0.699248	0.806443
IFI27L2	2814.873	-0.05518	0.137914	-0.40014	0.689056	0.797886

CCDC176	18.28887	1.268522	0.53012	2.392895	0.016716	NA
NEK9	3441.565	-0.35452	0.127747	-2.77519	0.005517	0.031724
ACYP1	139.8056	0.094238	0.217277	0.433723	0.66449	0.779567
IFT43	377.6751	-0.14346	0.159834	-0.89758	0.369409	0.536481
NPC2	9035.039	-0.24411	0.12604	-1.93674	0.052778	0.143471
DNAL1	258.775	0.161603	0.186657	0.865776	0.386613	0.552737
IRF2BPL	2350.892	-0.28322	0.149467	-1.89488	0.058108	0.153614
ACOT2	1121.327	-0.3308	0.15038	-2.1998	0.027821	0.094368
LTBP2	38.11508	-0.16167	0.362321	-0.44619	0.655458	NA
AREL1	2357.521	-0.27412	0.133837	-2.04818	0.040543	0.121382
MLH3	434.0897	0.582335	0.210094	2.771787	0.005575	0.031939
TTLL5	836.8987	0.004926	0.174484	0.028233	0.977476	0.987689
FLVCR2	39.90603	-0.03235	0.351784	-0.09196	0.926731	NA
ABCD4	898.0905	-0.11255	0.137187	-0.82044	0.411966	0.575044
DLST	3108.114	-0.27941	0.118108	-2.36568	0.017997	0.070292
PPP4R4	1.103647	3.314505	2.124646	1.560027	0.118754	NA
TGFB3	21.28501	-0.01333	0.491253	-0.02714	0.978347	NA
ZC2HC1C	42.7938	0.223532	0.410277	0.544833	0.585869	NA
SLIRP	1186.704	0.43952	0.129439	3.395571	6.85E-04	0.008201
RBM25	969.3411	0.878908	0.607824	1.445991	0.14818	0.291322
ALDH6A1	626.8966	-0.38095	0.218374	-1.74447	0.081078	0.193008
GPR68	1.032125	-1.35749	2.070496	-0.65563	0.51206	NA
ESRRB	0.957485	-0.51149	2.371634	-0.21567	0.829247	NA
EIF2B2	1220.079	-0.13185	0.186685	-0.70628	0.480012	0.634563
NRDE2	470.0873	-0.02274	0.156146	-0.14563	0.884214	0.93146
COQ6	232.482	-0.08439	0.2003	-0.4213	0.673532	0.786323
ZNF410	9.910471	0.921759	0.682916	1.34974	0.177099	NA
SNX19	2303.959	-0.36184	0.122653	-2.95012	0.003176	0.022009
KCNJ5	0.653015	0.2552	2.787103	0.091565	0.927044	NA
MSANTD2	112.5168	0.497474	0.221121	2.249778	0.024463	0.08666
TP53AIP1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
IQSEC3	0.774888	-2.09879	2.346327	-0.8945	0.371054	NA
CCDC77	230.0313	0.72113	0.188682	3.821923	1.32E-04	0.003029
ENOX1	22.32377	1.412801	0.551441	2.562017	0.010407	NA
MTRF1	143.5894	0.917867	0.245897	3.732724	1.89E-04	0.003755
SPG20OS	18.50189	0.543062	0.615745	0.88196	0.377798	NA
SOHLH2	14.31798	0.346377	0.632021	0.548046	0.58366	NA
DNAJC15	1664.683	0.366331	0.147344	2.486221	0.012911	0.056209
PROSER1	975.3528	-0.28795	0.187361	-1.53687	0.124326	0.258985
UFM1	1021.554	0.940483	0.254914	3.689416	2.25E-04	0.004177
WBP4	254.5923	0.9292	0.267618	3.472118	5.16E-04	0.006917
ELF1	2014.56	0.331603	0.120438	2.753298	0.0059	0.033023
SMAD9	26.25068	-0.32121	0.488699	-0.65727	0.511006	NA
HSPH1	3366.76	0.720227	0.192585	3.739788	1.84E-04	0.003682
KBTBD7	252.8609	-0.06175	0.213614	-0.28909	0.772511	0.85903
ALG5	1055.507	0.225453	0.166204	1.356477	0.174947	0.326872
EXOSC8	438.9351	0.440774	0.19122	2.305058	0.021163	0.07868

NR2C1	341.0419	0.407711	0.221357	1.841872	0.065494	0.166907
UTP20	874.4906	0.108422	0.202757	0.534738	0.592831	0.723441
TMPO	1116.625	0.051624	0.170342	0.303063	0.761842	0.851908
ARL1	1756.156	0.570571	0.175845	3.244739	0.001176	0.011508
GLT8D2	5.754573	0.742224	0.882232	0.841303	0.400178	NA
MTERFD3	154.0211	0.563738	0.211267	2.668365	0.007622	0.039407
SOCS2	1137.735	0.662661	0.268453	2.468441	0.01357	0.057932
NFYB	312.0856	0.709501	0.179286	3.957363	7.58E-05	0.002147
CCDC53	730.568	0.279356	0.155909	1.791789	0.073167	0.180256
APAF1	296.0914	0.484217	0.244444	1.980891	0.047604	0.13441
PLBD1	10.1395	0.368819	0.700858	0.52624	0.598722	NA
TAS2R10	1.094548	2.111186	2.036733	1.036555	0.299943	NA
PRB2	1.105576	1.732871	2.324315	0.745541	0.455945	NA
PYROXD1	83.2296	1.037447	0.395294	2.624493	0.008678	0.042936
BCL2L14	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PSPC1	959.5836	0.254879	0.146404	1.740932	0.081695	0.194127
ZMYM2	1551.915	0.530296	0.198809	2.667359	0.007645	0.039439
GJB6	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
GJA3	658.1006	0.06697	0.158612	0.422225	0.672861	0.785888
TBC1D15	1053.816	0.779231	0.206492	3.773662	1.61E-04	0.003424
FLT3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL21	5055.703	0.386242	0.152662	2.53004	0.011405	0.051429
MTIF3	519.3202	0.709388	0.194738	3.64277	2.70E-04	0.004608
GTF3A	2862.146	0.033368	0.160835	0.207464	0.835647	0.901643
RASL11A	12.54502	0.07366	0.637751	0.1155	0.908049	NA
UBL3	6924.32	0.271558	0.187466	1.448573	0.147457	0.290626
RBM19	1118.662	-0.0665	0.143152	-0.46457	0.642238	0.761906
CIT	2503.75	-0.6791	0.199031	-3.41202	6.45E-04	0.007889
IFT81	889.14	0.996293	0.318701	3.126101	0.001771	0.014979
ACADS	1184.458	-0.35609	0.139386	-2.5547	0.010628	0.048986
HVCN1	20.79363	0.25112	0.528757	0.474924	0.634841	NA
NME2P1	37.95209	0.348616	0.403719	0.863511	0.387857	NA
DDX54	2064.256	-0.32424	0.132379	-2.44931	0.014313	0.060106
MED13L	825.1915	0.188606	0.208048	0.906549	0.364646	0.531934
RASSF8	1147.131	1.139413	0.2807	4.059181	4.92E-05	0.001622
BHLHE41	2004.916	-1.06788	0.291406	-3.66457	2.48E-04	0.004422
SSPN	38.34516	-0.07295	0.416962	-0.17496	0.861107	NA
ITPR2	488.4067	0.567682	0.20502	2.768908	0.005624	0.032088
CCDC91	288.442	0.972983	0.365309	2.66345	0.007734	0.039779
CCDC70	0.832809	1.636407	2.200093	0.74379	0.457004	NA
SPRYD7	466.5101	0.248656	0.163462	1.52118	0.128215	0.264483
EBPL	480.9179	0.11446	0.155628	0.735469	0.462054	0.620275
ATP7B	931.5927	-0.41964	0.182739	-2.2964	0.021653	0.079992
ZC3H13	2461.294	0.894492	0.357867	2.499507	0.012437	0.054606
ATF1	294.6867	0.668704	0.20114	3.324561	8.86E-04	0.009614
TSFM	622.8788	0.009992	0.141538	0.070596	0.94372	0.968771
ARHGAP9	6.890512	-0.16069	0.83944	-0.19142	0.848194	NA

NCKAP1L	0.651085	2.534961	3.013697	0.841147	0.400266	NA
MMP19	38.87154	0.209147	0.507301	0.412274	0.680138	NA
PFDN5	6574.106	0.315598	0.153789	2.052149	0.040155	0.12073
SPATS2	709.0126	-0.07282	0.165635	-0.43965	0.660194	0.776182
ORMDL2	477.3711	-0.13533	0.177169	-0.76382	0.444973	0.60481
NR4A1	1818.956	0.447281	0.284905	1.56993	0.116431	0.246701
PDE1B	27.54376	0.712553	0.651948	1.09296	0.274411	NA
HOXC13	22.50726	0.70973	0.480438	1.477256	0.139607	NA
CDK2	9552.682	-0.3898	0.1277	-3.05248	0.00227	0.017517
LRP1	10307.94	-0.65155	0.209769	-3.10605	0.001896	0.015566
HOXC11	117.1542	-0.21623	0.230456	-0.93826	0.348111	0.51605
C12orf44	893.4062	-0.11543	0.200313	-0.57625	0.564443	0.702222
NFE2	0.641986	1.117767	2.709494	0.412537	0.679946	NA
HOXC12	0.392711	0.292538	3.145221	0.09301	0.925895	NA
IKZF4	230.2225	-0.41827	0.20264	-2.0641	0.039008	0.118181
SMUG1	964.3079	-0.20255	0.139428	-1.45269	0.146309	0.28883
TUBA1B	4670.102	-0.44157	0.190325	-2.32006	0.020337	0.076589
METTL21B	173.1587	-0.19365	0.200964	-0.96359	0.33525	0.503981
RAB38	9193.989	0.005703	0.114279	0.049907	0.960197	0.9781
GPR83	1.039255	2.120498	2.300766	0.921649	0.356712	NA
WNT1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PIWIL1	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
GPR18	0.998549	1.029429	2.066501	0.498151	0.618378	NA
CLYBL	237.6909	-0.05903	0.201861	-0.29242	0.769966	0.857729
TMTC4	354.9948	0.228937	0.188779	1.212729	0.225234	0.386306
RAP2A	2008.684	0.705495	0.206335	3.419174	6.28E-04	0.007783
ABCC4	921.5012	0.185194	0.155597	1.190216	0.233961	0.396514
EFNB2	48.99859	-0.60516	0.347118	-1.74338	0.081267	0.193289
TM9SF2	6119.743	0.071601	0.121429	0.589654	0.555423	0.695305
ATP5S	156.9884	0.43379	0.213637	2.030501	0.042306	0.125119
BMP4	188.0324	0.354488	0.371994	0.95294	0.340621	0.5087
MAX	2289.537	-0.29111	0.130416	-2.2322	0.025602	0.089457
KLC1	973.9864	0.025152	0.137141	0.183404	0.854481	0.913506
XRCC3	535.1114	-0.31413	0.194287	-1.61686	0.105909	0.23178
TUBGCP3	595.188	0.320396	0.158607	2.020071	0.043376	0.126906
MCF2L	4.777174	0.063604	0.909166	0.069959	0.944227	NA
F10	3.833521	-0.18634	1.003402	-0.18571	0.852672	NA
PCID2	1113.339	0.166898	0.177803	0.938668	0.347901	0.515998
PROZ	1.284021	-0.2497	2.112256	-0.11821	0.905899	NA
FRMD8	2090.898	-0.18737	0.214417	-0.87385	0.382199	0.548277
PRDX5	6947.159	-0.11149	0.144825	-0.76984	0.441395	0.601534
FLRT1	107.365	0.042866	0.433809	0.098813	0.921287	0.954374
ZNF384	891.8545	-0.20067	0.171494	-1.17013	0.24195	0.404958
EMG1	160.3098	0.036755	0.226941	0.16196	0.871338	0.923353
PCNXL4	1959.815	0.707926	0.202839	3.490082	4.83E-04	0.006662
ATG14	739.3228	0.410551	0.162803	2.521766	0.011677	0.0523
KTN1	1827.958	1.12286	1.028703	1.091531	0.275039	0.440659

SIX1	2.092829	0.67355	1.571041	0.428729	0.668121	NA
RHOJ	1706.825	0.109034	0.172434	0.632325	0.527175	0.672657
DLGAP5	343.8484	0.893819	0.204445	4.371921	1.23E-05	7.02E-04
L3HYPDH	175.5684	0.255684	0.23604	1.083223	0.278709	0.444877
HSPA2	4175.329	0.137813	0.195357	0.705439	0.480537	0.63495
ZBTB1	647.88	0.897593	0.230791	3.889194	1.01E-04	0.002559
TRMT5	423.1803	0.448472	0.203982	2.198586	0.027907	0.094605
SGPP1	563.8257	0.167701	0.192211	0.872484	0.382944	0.548882
PLEKHG3	2079.635	-0.68204	0.166033	-4.10789	3.99E-05	0.001466
PZP	31.00667	2.301233	0.488131	4.714372	2.42E-06	NA
HELB	43.52338	0.56424	0.327033	1.72533	0.084468	NA
RAP1B	1613.019	0.2731	0.192941	1.415459	0.156934	0.303153
TSPAN8	0.162376	0.424913	4.079006	0.104171	0.917034	NA
BEST3	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RAB3IP	40.07007	0.750729	0.460364	1.630729	0.102947	NA
PTPRB	2.483235	0.42635	1.317155	0.32369	0.746173	NA
DYRK2	2067.21	0.881959	0.207155	4.257491	2.07E-05	9.43E-04
YEATS4	313.4778	0.828953	0.198319	4.179901	2.92E-05	0.00117
METTL25	98.91054	0.472142	0.26217	1.800899	0.071719	0.177575
TNFRSF19	1070.7	-0.13369	0.160319	-0.83388	0.40435	0.569031
RNF6	865.5691	1.002951	0.252363	3.97424	7.06E-05	0.002041
EMC4	2694.519	0.294242	0.130613	2.252786	0.024273	0.086227
HERC2	14294.43	-0.26547	0.15842	-1.6757	0.093797	0.213921
SNRPN	22.93679	-0.10109	0.450248	-0.22451	0.822359	NA
EIF2AK4	3535.274	0.343165	0.139861	2.453618	0.014143	0.059645
MYO5C	14.46411	0.348432	0.566691	0.614853	0.538652	NA
CGNL1	0.763859	-0.6945	2.307767	-0.30094	0.76346	NA
TMOD2	1381.963	0.306635	0.229593	1.335563	0.181692	0.334622
TTBK2	367.4413	0.28216	0.206583	1.365839	0.171989	0.323179
ELL3	6.529656	-0.11223	0.972903	-0.11536	0.908162	NA
C15orf57	290.4182	0.070078	0.178373	0.392872	0.694414	0.802993
INO80	1100.44	0.185521	0.152203	1.218905	0.22288	0.383712
NARG2	501.5732	0.396188	0.222243	1.782679	0.074639	0.182427
DLL4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ALDH1A2	6.667354	0.20773	0.780429	0.266174	0.790106	NA
FAM63B	568.5663	0.647049	0.372156	1.738651	0.082096	0.194689
IVD	2569.461	-0.243	0.1443	-1.68401	0.092181	0.21121
KNSTRN	722.2062	0.140871	0.208451	0.6758	0.499168	0.649647
DUT	1580.397	0.075765	0.144322	0.52497	0.599604	0.729132
CHAC1	46.63209	0.067794	0.314168	0.215788	0.829153	NA
CLN6	1951.572	-0.44314	0.149103	-2.97202	0.002959	0.020939
ARPP19	4873.827	0.30298	0.157915	1.918622	0.055032	0.147937
VPS13C	1142.014	0.834471	0.327373	2.548992	0.010803	0.04945
CALML4	81.43483	0.16074	0.271199	0.5927	0.553382	0.693776
ISLR	0.096202	0.408546	4.079639	0.100143	0.920231	NA
THAP10	60.90156	0.36646	0.283784	1.291333	0.196588	0.352003
LOXL1	22.98339	-0.94756	0.441311	-2.14716	0.031781	NA

CCNT1	864.7781	0.16733	0.172551	0.969742	0.332175	0.500589
PUS7L	128.2858	1.138676	0.311717	3.652921	2.59E-04	0.004545
NGDN	531.5596	0.416874	0.169404	2.460831	0.013862	0.058773
RIPK3	218.1693	-0.09313	0.225357	-0.41325	0.679424	0.790858
ADCY4	3.604243	1.423059	1.129811	1.259555	0.20783	NA
RAB2B	893.1573	-0.27592	0.143286	-1.92568	0.054145	0.146282
BCL2L2	1784.548	0.171742	0.165151	1.03991	0.298382	0.465314
AJUBA	463.9365	0.041701	0.267768	0.155735	0.876242	0.926081
DTD2	398.3015	0.344484	0.16425	2.097307	0.035966	0.111853
PARP2	484.8253	0.306561	0.160499	1.910044	0.056128	0.149964
HEATR5A	807.3293	0.495984	0.188055	2.637434	0.008354	0.041733
FOXA1	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
SNX6	1515.942	0.406697	0.208336	1.952121	0.050924	0.140406
EAPP	945.9148	0.412864	0.208769	1.977614	0.047972	0.135086
EGLN3	380.6492	-0.0864	0.167918	-0.51451	0.606897	0.734751
MIS18BP1	223.1883	1.291388	0.439022	2.941511	0.003266	0.022362
NRL	37.97357	-0.58208	0.342441	-1.69981	0.089167	NA
RNASE1	1.375219	1.009999	1.970616	0.512529	0.608281	NA
NEDD8	1532.549	0.216808	0.147758	1.467317	0.14229	0.283134
DAD1	5412.164	-0.01493	0.149566	-0.09981	0.920495	0.953884
TEP1	821.6361	-0.70037	0.257332	-2.72166	0.006495	0.035242
GALNT8	0.912824	3.024111	2.331252	1.297204	0.194561	NA
KCNA5	6.625106	0.038043	1.035456	0.03674	0.970692	NA
EFCAB4B	28.19624	0.386354	0.479165	0.806306	0.420066	NA
CDC16	3303.049	-0.04481	0.125605	-0.35678	0.72126	0.822641
CLIP1	1927.637	0.84365	0.567234	1.487306	0.136934	0.276127
CCDC62	2.57088	-0.27441	1.421289	-0.19307	0.846906	NA
HIP1R	2685.249	-0.55467	0.240633	-2.30503	0.021165	0.07868
C12orf65	399.6599	0.28453	0.17558	1.620518	0.105121	0.230737
TRAF3	1969.228	-0.15347	0.148165	-1.03583	0.300282	0.467235
PPFIA1	2079.466	0.685733	0.14092	4.866119	1.14E-06	1.75E-04
LRRC9	0.518736	2.237423	2.7713	0.807355	0.419462	NA
ACTR10	2356.993	0.38272	0.146648	2.609788	0.00906	0.044236
ABHD12B	5.046634	0.241624	0.88373	0.273414	0.784535	NA
GCH1	78.56282	0.173842	0.327619	0.530624	0.595679	0.725848
LGALS3	33314.91	-0.31967	0.141521	-2.25882	0.023895	0.085385
RAN	9389.734	0.090372	0.146308	0.617681	0.536786	0.679944
IGHMBP2	730.4038	-0.34818	0.149221	-2.33335	0.01963	0.07478
ACY3	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ALDH3B2	0.774742	-0.40577	2.223483	-0.18249	0.855195	NA
MTL5	68.1712	-0.61679	0.277128	-2.22567	0.026036	0.090437
ATP8A2	21.66572	0.063959	0.466115	0.137216	0.89086	NA
MTUS2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ZMYM5	231.1996	0.856729	0.280347	3.055959	0.002243	0.017406
USPL1	269.389	0.654744	0.205656	3.183679	0.001454	0.013322
XPO4	958.5078	0.100166	0.187158	0.535194	0.592516	0.7233
TPTE2	0.520316	2.239969	3.173769	0.705776	0.480328	NA

POMP	3433.699	0.332532	0.192897	1.723882	0.084729	0.198393
CDK8	468.5461	0.226892	0.160448	1.414113	0.157329	0.30352
ALOX5AP	1.927292	0.450759	1.598627	0.281967	0.777969	NA
WASF3	960.2482	-0.05442	0.20567	-0.26458	0.791329	0.873483
DCLK1	696.234	-0.79974	0.342875	-2.33247	0.019676	0.074931
CCNA1	8.886889	-0.1472	0.68824	-0.21388	0.830641	NA
COG6	726.3751	0.974367	0.209261	4.656235	3.22E-06	3.27E-04
SPG20	2134.516	0.739512	0.206572	3.579918	3.44E-04	0.00538
RXFP2	2.118136	-0.47216	1.43056	-0.33005	0.741363	NA
EPSTI1	85.1687	-0.98305	0.440477	-2.23178	0.025629	0.089521
TRPC4	67.41424	0.435706	0.31455	1.385175	0.165999	0.31522
POSTN	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
RFXAP	44.49943	0.395433	0.371501	1.064421	0.287138	NA
TPT1	60712.41	0.510092	0.168134	3.033838	0.002415	0.018279
GPALPP1	409.5268	0.438383	0.199552	2.196831	0.028033	0.094788
KL	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RFC3	525.4917	0.288246	0.236459	1.21901	0.22284	0.3837
STARD13	1576.516	0.498452	0.245555	2.029899	0.042367	0.125189
MACROD1	834.0294	-0.29602	0.146115	-2.02596	0.042769	0.125906
RTN3	2019.833	-0.10923	0.140584	-0.77696	0.437183	0.597569
RARRES3	28.00872	-0.75445	0.457237	-1.65002	0.098938	NA
HRASLS2	0.70046	1.37107	2.594868	0.528378	0.597237	NA
NTS	1.877157	0.513842	1.558459	0.329711	0.741618	NA
BTG1	2028.604	-0.26281	0.152592	-1.7223	0.085015	0.198945
LRRIQ1	8.17534	0.803291	1.04736	0.766968	0.443101	NA
C12orf29	298.0917	1.003613	0.222765	4.505257	6.63E-06	4.97E-04
TMTC1	1937.269	0.121604	0.171649	0.708447	0.478668	0.633256
KRAS	565.816	0.707634	0.244705	2.891781	0.003831	0.024734
IPO8	1115.527	0.171654	0.185006	0.927829	0.353496	0.521597
CCDC59	272.2005	0.792623	0.243195	3.259215	0.001117	0.01112
ZFC3H1	350.6037	0.944685	0.616689	1.531867	0.125555	0.26063
DPF2	1124.405	-0.50353	0.136247	-3.69574	2.19E-04	0.00412
MEN1	1086.416	-0.4183	0.160561	-2.60523	0.009181	0.044545
C14orf1	2306.197	-0.12677	0.192927	-0.65708	0.511128	0.659182
C14orf159	88.00948	-0.4969	0.286048	-1.73713	0.082363	0.195089
UNC79	12.51734	0.590779	0.637208	0.927137	0.353855	NA
NUMB	1405.407	0.137707	0.133757	1.029533	0.303229	0.47046
VRTN	1.902479	0.587734	1.628375	0.360933	0.71815	NA
COX16	597.7516	0.445438	0.192133	2.318387	0.020428	0.076808
TTC9	6.499048	-0.15545	0.860001	-0.18076	0.856558	NA
MED6	353.486	0.366607	0.173907	2.10807	0.035025	0.10994
EIF2S1	1903.807	0.391956	0.174385	2.247649	0.024599	0.086816
ADAM20	0.584911	2.38756	2.690807	0.887303	0.374916	NA
MEIS2	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
DPH6	183.2704	-0.072	0.219379	-0.32821	0.742755	0.837887
KATNBL1	440.2876	1.183388	0.204298	5.79247	6.94E-09	5.29E-06
EMC7	3659.249	0.130521	0.150649	0.866391	0.386276	0.552388

TRPM1	4255.386	0.132404	0.177496	0.745952	0.455697	0.614594
PPHLN1	1528.874	0.379463	0.157815	2.40448	0.016195	0.065554
FKBP11	890.2408	-0.01083	0.142078	-0.07624	0.939227	0.966288
ARF3	5137.391	-0.40211	0.139351	-2.8856	0.003907	0.025075
TMEM106(	2914.758	-0.0442	0.182923	-0.24164	0.809061	0.885851
SLC38A2	4607.806	0.584838	0.221892	2.635687	0.008397	0.041895
PLEKHA8P1	69.81466	0.484594	0.282078	1.717942	0.085807	0.200403
EMP1	11507.65	-0.16466	0.145105	-1.13478	0.256468	0.42053
SOX5	648.4172	0.460245	0.261275	1.761534	0.078148	0.188276
RERG	93.46748	1.486096	0.975601	1.523262	0.127693	0.263683
KLRC1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
C12orf39	49.71973	0.250388	0.330802	0.756911	0.449103	0.608679
PRH2	0.392711	0.292538	3.145221	0.09301	0.925895	NA
PIWIL4	20.65009	-0.12717	0.481524	-0.2641	0.791701	NA
GGACT	78.707	-0.47064	0.341235	-1.37922	0.167827	0.317471
COL4A2	9017.263	-0.3705	0.214769	-1.72513	0.084504	0.198068
CLDN10	0.411855	0.250456	3.097618	0.080854	0.935558	NA
DZIP1	957.8627	0.59741	0.260971	2.289179	0.022069	0.081
UBAC2	1543.546	-0.13471	0.177476	-0.75904	0.44783	0.60737
ARGLU1	854.2439	0.910813	0.21882	4.162393	3.15E-05	0.001232
BIVM	718.707	0.589394	0.190862	3.088068	0.002015	0.016256
ERCC5	1117.084	0.490358	0.171462	2.859872	0.004238	0.026417
TPP2	943.7543	0.637166	0.260326	2.447571	0.014382	0.060355
KDELC1	325.3053	0.036605	0.184067	0.198867	0.842367	0.906403
CARS2	2458.385	-0.0209	0.145286	-0.14388	0.885592	0.932306
ARHGAP32	770.03	-0.23055	0.181357	-1.27127	0.203631	0.360091
STT3A	5872.566	-0.30441	0.162605	-1.87208	0.061196	0.159516
ADAMTS8	0.258578	1.233151	4.047809	0.304646	0.760635	NA
ACRV1	1.498287	1.287568	1.734062	0.742515	0.457775	NA
ETS1	9420.749	-0.0387	0.225752	-0.17143	0.863885	0.919827
SLC37A2	152.852	0.033079	0.273389	0.120995	0.903695	0.94382
TAOK3	1453.94	0.830438	0.179749	4.61998	3.84E-06	3.67E-04
USP30	369.589	-0.45086	0.169169	-2.66514	0.007696	0.039632
SDS	2.714496	0.228167	1.324092	0.172319	0.863186	NA
MSI1	1.62392	-0.42828	1.578049	-0.2714	0.786082	NA
HNF1A	26.63049	-0.34342	0.420909	-0.8159	0.41456	NA
FBXO21	880.3211	-0.10702	0.162962	-0.65672	0.511363	0.659366
TBX3	10.52912	0.667194	0.902214	0.739507	0.459599	NA
OASL	59.06015	-1.31719	0.44749	-2.94351	0.003245	0.022307
HRK	534.9049	-0.35415	0.175768	-2.01488	0.043917	0.127733
RNFT2	57.58372	-0.48511	0.361005	-1.34378	0.179021	0.331557
P2RX4	1587.506	-0.18923	0.150632	-1.25621	0.20904	0.366643
CCDC64	29.73125	-0.0111	0.428286	-0.02591	0.979326	NA
DTX1	1.016048	-2.46876	2.437554	-1.0128	0.311154	NA
TRAFD1	823.4018	-0.31515	0.138486	-2.27571	0.022864	0.082762
ATP5G2	5390.02	-0.14658	0.157573	-0.93025	0.352241	0.520351
DNAJC14	635.8639	-0.26299	0.164651	-1.59727	0.110205	0.237974

CD63	68888.68	-0.15973	0.1336	-1.19556	0.23187	0.394209
PRPH	0.163957	0.424913	4.079006	0.104171	0.917034	NA
AVIL	29.34866	0.23232	0.384587	0.604077	0.545792	NA
AMHR2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GDF11	2180.133	-0.08138	0.141443	-0.57534	0.565061	0.702545
GLS2	19.96814	0.164175	0.477563	0.343776	0.731015	NA
ITGA7	92.06731	-0.72457	0.367303	-1.97267	0.048533	0.135986
FAM186B	6.978356	-0.02285	0.769153	-0.02971	0.976302	NA
RDH5	1.302723	0.907293	1.965565	0.461594	0.644372	NA
AGAP2	22.07064	-0.10258	0.474459	-0.21621	0.828828	NA
BLOC1S1	216.0712	0.085473	0.195954	0.43619	0.662699	0.778159
CDK4	3403.632	-0.25181	0.126511	-1.99039	0.046548	0.132668
PPP1R1A	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
TROAP	519.6896	-0.33563	0.249572	-1.34484	0.178677	0.33126
TSPAN31	1414.379	-0.20922	0.149279	-1.40151	0.161062	0.308595
B4GALNT1	149.0279	-0.00255	0.273158	-0.00932	0.99256	0.996738
TFCP2	684.1292	-0.0561	0.172238	-0.32571	0.744643	0.839219
COQ10A	203.9142	-0.06409	0.254205	-0.2521	0.800964	0.880141
FAIM2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PAN2	398.1181	-0.09142	0.192763	-0.47426	0.635311	0.756414
ESPL1	515.9445	-0.7192	0.22714	-3.16634	0.001544	0.013793
KRT7	0.815594	-0.45539	2.531219	-0.17991	0.857224	NA
ZC3H10	226.0873	-0.01835	0.19539	-0.0939	0.925188	0.957409
HNRNPA1	8574.722	0.028683	0.119229	0.240569	0.80989	0.886296
SLC26A10	3.245254	0.297076	1.173785	0.253092	0.800197	NA
ACVR1B	693.4776	-0.24995	0.139753	-1.78853	0.073691	0.181021
OS9	7509.303	-0.27388	0.151091	-1.81271	0.069877	0.174179
MIP	1.252771	0.053586	1.700195	0.031518	0.974857	NA
KCNH3	0.654449	1.296029	2.63083	0.492631	0.622273	NA
KCNMB4	20.6996	0.099527	0.490357	0.202968	0.83916	NA
USP15	523.7807	1.139143	0.294093	3.873403	1.07E-04	0.002688
GNS	10325.13	-0.47615	0.116237	-4.09642	4.20E-05	0.001503
CPM	265.7179	-0.24956	0.209453	-1.1915	0.233458	0.396057
MDM2	1591.508	0.341341	0.292119	1.168499	0.242605	0.40554
ISCU	2116.016	0.245979	0.136323	1.804388	0.071171	0.176549
ALDH1L2	1920.318	-0.44468	0.330165	-1.34684	0.178032	0.330397
STAB2	3.861671	-0.08078	1.099581	-0.07346	0.941437	NA
USP44	2.590206	0.353836	1.320578	0.26794	0.788745	NA
SCYL2	1251.667	0.521266	0.183983	2.833231	0.004608	0.027914
CKAP4	2370.612	-0.23086	0.122204	-1.88913	0.058874	0.155139
PLXNC1	11277.09	-0.35543	0.237285	-1.49792	0.134153	0.272187
APPL2	511.7687	0.056849	0.172562	0.329442	0.741822	0.837188
PWP1	2193.594	0.281636	0.131692	2.138593	0.032469	0.104859
DRAM1	1538.825	0.693256	0.218001	3.180059	0.001472	0.013425
KIAA1033	2247.736	0.912545	0.293887	3.105086	0.001902	0.015585
SLC41A2	95.84726	0.393216	0.263232	1.493801	0.135228	0.273898
NEK3	131.9165	0.254731	0.237984	1.070372	0.284452	0.450947

PCDH8	0.757324	-2.08271	2.587512	-0.80491	0.420873	NA
VPS36	1027.287	0.426205	0.199791	2.133249	0.032904	0.105627
RNASEH2B	464.147	0.18717	0.199325	0.939017	0.347722	0.515942
CKAP2	1131.882	0.538659	0.160212	3.36216	7.73E-04	0.008875
LECT1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TBC1D4	781.3584	0.22429	0.146259	1.533511	0.12515	0.260016
THSD1	18.69169	-0.25152	0.528216	-0.47616	0.633957	NA
BORA	148.9783	0.626575	0.210108	2.982154	0.002862	0.020475
LRCH1	750.319	0.226905	0.147939	1.533771	0.125086	0.260016
SUCLA2	737.6778	0.742823	0.20858	3.561341	3.69E-04	0.005593
RCBTB1	901.956	0.44677	0.219656	2.033959	0.041956	0.124471
MED4	433.8775	0.590899	0.174178	3.392489	6.93E-04	0.00825
PHF11	171.3548	-0.23465	0.284361	-0.82517	0.409275	0.572795
RPL13AP25	50.74544	-0.0944	0.315567	-0.29915	0.764825	0.853847
COG3	538.2223	0.490271	0.176174	2.782885	0.005388	0.031172
LMO7	1194.266	0.596292	0.261793	2.277728	0.022743	0.082451
SCEL	66.46984	1.705768	0.527978	3.230753	0.001235	0.011864
ITM2B	12872	0.128611	0.115562	1.112924	0.265741	0.430423
SPRY2	1488.049	0.512359	0.213379	2.401169	0.016343	0.066012
NUDT15	729.7206	0.298441	0.218838	1.363756	0.172644	0.324032
EDNRB	16625.15	0.008332	0.201497	0.041349	0.967017	0.981674
RCBTB2	903.0472	0.046486	0.193127	0.240701	0.809787	0.886265
LCP1	84.5323	0.008022	0.308454	0.026006	0.979253	0.988929
SETDB2	776.6633	0.63768	0.217481	2.932115	0.003367	0.022712
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TTC5	583.9749	-0.15066	0.176516	-0.85349	0.393386	0.55838
NKX2-8	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZFHX2	28.18132	-0.10963	0.409868	-0.26749	0.789095	NA
MTHFS	99.72658	-0.11885	0.25758	-0.46142	0.644497	0.763593
ADAMTS7	448.062	-0.01639	0.21384	-0.07663	0.938918	0.966165
ABHD17C	298.3971	-0.02398	0.180643	-0.13276	0.894385	0.938268
IREB2	976.1946	0.315172	0.236113	1.334836	0.18193	0.334748
ALPK3	6.203315	-0.43997	0.871287	-0.50496	0.613587	NA
TM6SF1	20.55063	0.621657	0.682837	0.910403	0.36261	NA
CIB2	356.1107	-0.27027	0.226185	-1.19493	0.232115	0.394343
MYO7A	8.712409	0.419245	0.69477	0.60343	0.546223	NA
FCHSD2	187.3852	0.234979	0.24081	0.975784	0.329172	0.497366
ARRB1	2286.348	-0.45511	0.127482	-3.57004	3.57E-04	0.005524
SLCO2B1	32.52346	-0.39678	0.650607	-0.60986	0.541953	NA
PRKRIR	369.0572	0.635542	0.173002	3.673619	2.39E-04	0.004335
ANKRD42	252.0437	0.36816	0.211135	1.743723	0.081207	0.193238
IL18BP	31.11298	0.161352	0.402454	0.40092	0.688479	NA
NUMA1	3022.111	-0.55321	0.176479	-3.13468	0.00172	0.014673
CCDC90B	710.5313	0.550582	0.167164	3.29366	9.89E-04	0.010266
SYTL2	1108.571	0.759735	0.352368	2.156083	0.031077	0.101597
RAB30	489.1966	0.05097	0.248336	0.205248	0.837379	0.902712
CREBZF	716.7625	0.786547	0.199732	3.938008	8.22E-05	0.002255

LRRC32	0.881566	1.109202	2.554987	0.434132	0.664192	NA
PRCP	4402.435	-0.09921	0.16129	-0.61512	0.538474	0.681093
NARS2	1013.155	-0.19145	0.1893	-1.01136	0.311846	0.479045
RNF121	673.2095	-0.19371	0.177403	-1.09195	0.274856	0.440564
SORL1	11.16238	0.969911	0.704034	1.377648	0.168312	NA
BUD13	433.1091	0.032874	0.163536	0.20102	0.840683	0.905184
TRPC6	0.392711	0.292538	3.145221	0.09301	0.925895	NA
MMP7	1.127884	0.383009	2.112806	0.18128	0.856148	NA
C11orf70	14.13991	-0.30416	0.627233	-0.48493	0.627725	NA
DCUN1D5	888.9903	0.171861	0.167671	1.024987	0.305369	0.472543
YAP1	2442.988	0.290577	0.153104	1.897907	0.057708	0.152776
TRIM29	0.327913	1.543154	4.021063	0.383768	0.701151	NA
SLC37A4	782.8762	-0.35825	0.187624	-1.9094	0.056211	0.150029
BTG4	1.090395	-0.30963	1.797091	-0.17229	0.863206	NA
POU2F3	0.574434	-0.17781	2.756096	-0.06452	0.948559	NA
RDX	3110.121	0.705239	0.310146	2.273893	0.022972	0.082954
PPP2R1B	743.8416	0.104182	0.167962	0.620268	0.535082	0.678307
FDX1	594.0364	0.246932	0.146107	1.690083	0.091012	0.209456
C11orf1	402.6347	0.392027	0.179235	2.187219	0.028727	0.09631
FXYD6	14.84317	-0.85829	0.717933	-1.1955	0.231893	NA
ARHGAP20	2.768679	0.6833	1.247632	0.547677	0.583914	NA
FXYD2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TMPRSS13	7.366888	-0.71575	1.202947	-0.595	0.551843	NA
CASP1	925.5995	0.098557	0.20853	0.472626	0.63648	0.757389
ALKBH8	183.1117	0.744579	0.244108	3.0502	0.002287	0.017639
MAP2K5	475.8449	-0.39374	0.14945	-2.63461	0.008423	0.041958
UNC13C	0.424115	1.932531	3.45462	0.559405	0.575885	NA
SQRDL	470.4442	0.433811	0.335297	1.293811	0.195731	0.351042
CTDSPL2	376.0091	0.650343	0.190106	3.42095	6.24E-04	0.007763
SLTM	777.6877	1.014015	0.641708	1.580183	0.114065	0.243201
THBS1	2284.969	0.474383	0.844837	0.561508	0.574451	0.709683
MAPKBP1	1244.689	-0.43541	0.193995	-2.24446	0.024803	0.087277
NUSAP1	1253.35	0.238094	0.178985	1.330251	0.183436	0.33663
NDUFAF1	673.1062	0.034258	0.153771	0.222786	0.823702	0.893657
KIF23	541.5085	0.658276	0.167988	3.9186	8.91E-05	0.002378
ITGA11	8.02285	1.615897	0.90646	1.782645	0.074644	NA
CASC5	259.0868	0.644527	0.406105	1.587095	0.112491	0.241067
HAUS2	519.3357	0.237062	0.188458	1.257907	0.208425	0.365894
RTF1	1662.854	0.395942	0.195814	2.022031	0.043173	0.126625
PARP6	898.547	-0.13629	0.268594	-0.5074	0.611871	0.738594
RPLP1	32703.37	0.001211	0.130906	0.009252	0.992618	0.996738
PAQR5	11.04298	0.622657	0.627087	0.992935	0.320742	NA
LRRC49	67.41339	0.849721	0.327142	2.597405	0.009393	0.045248
TUBGCP4	849.0166	-0.14924	0.137029	-1.08914	0.276092	0.44171
RMDN3	1111.929	-0.06094	0.136455	-0.44658	0.655177	0.77237
ITPKA	4.126278	0.720924	1.012227	0.712216	0.476331	NA
UACA	504.3362	0.950039	1.143446	0.830856	0.406055	0.569881

SMAD6	155.7391	0.428992	0.274742	1.561437	0.118421	0.2498
PLCB2	856.3529	-0.36381	0.15302	-2.37757	0.017427	0.069026
TMEM62	489.9838	-0.04106	0.184537	-0.22249	0.823934	0.893745
PAK6	0.998549	1.029429	2.066501	0.498151	0.618378	NA
ADAM10	3583.945	0.344248	0.224901	1.530668	0.125852	0.260925
DUOX1	24.43191	-0.35685	0.469141	-0.76065	0.446867	NA
SLC28A2	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
CYP19A1	4.99666	0.582714	0.963819	0.604589	0.545452	NA
ZNF280D	137.7263	0.545951	0.296768	1.839657	0.065819	0.167298
SEMA6D	1021.836	-0.14788	0.2023	-0.73099	0.464787	0.622183
RSL24D1	1679.476	0.992078	0.235739	4.208374	2.57E-05	0.00107
SPTBN5	70.68785	0.256418	0.431524	0.594214	0.552369	0.693167
GCHFR	109.3459	0.061833	0.275667	0.224304	0.822521	0.893074
MNS1	31.73439	0.978665	0.696311	1.405499	0.159873	NA
USP8	1000.378	0.830986	0.302323	2.748674	0.005984	0.033351
SECISBP2L	2148.128	0.769666	0.27276	2.821776	0.004776	0.028636
TMOD3	701.2771	0.655722	0.22781	2.878374	0.003997	0.025436
SPPL2A	843.6936	0.173137	0.164438	1.052901	0.292386	0.459165
GLCE	640.2105	0.259594	0.201528	1.288128	0.197701	0.353347
SHF	1010.085	-0.24385	0.182308	-1.33757	0.181038	0.333581
APH1B	2257.938	-0.31244	0.195075	-1.60162	0.109239	0.236492
VWA9	1403.196	-0.15525	0.147186	-1.0548	0.291517	0.458407
CILP	0.326536	0.037056	3.842554	0.009644	0.992306	NA
PARP16	127.642	-0.19959	0.230668	-0.86527	0.386892	0.552871
PPCDC	278.9236	-0.14318	0.180531	-0.79311	0.427714	0.589531
SEMA7A	148.1448	-0.72975	0.30712	-2.37611	0.017496	0.069122
UBL7	1501.914	-0.28523	0.154581	-1.84517	0.065013	0.166214
B4GALNT3	15.21636	0.392737	0.564461	0.695775	0.48657	NA
ERP27	0.326536	0.037056	3.842554	0.009644	0.992306	NA
ETV6	254.1318	-0.3059	0.20536	-1.48958	0.136334	0.275434
GABARAPL	2350.674	0.199724	0.148667	1.343433	0.179132	0.331658
KIF21A	200.87	0.672541	0.729221	0.922273	0.356386	0.524101
CPNE8	796.1365	0.804354	0.195941	4.105093	4.04E-05	0.001474
YARS2	633.1619	0.028101	0.140431	0.200108	0.841396	0.905561
FGD4	332.6321	0.843363	0.23092	3.65218	2.60E-04	0.004547
ALG10	40.11783	0.214147	0.337868	0.633819	0.526199	NA
FAM60A	552.5103	0.233193	0.176219	1.323312	0.185732	0.339582
AEBP2	456.6002	0.157432	0.195199	0.80652	0.419943	0.58289
SLCO1C1	0.659753	-0.00581	2.629089	-0.00221	0.998237	NA
METTL20	66.84537	-0.07066	0.309503	-0.22831	0.819407	0.891854
ETNK1	552.3863	0.61681	0.159736	3.861432	1.13E-04	0.002775
ZCRB1	822.4974	0.647838	0.191225	3.387835	7.04E-04	0.008326
TMEM117	703.4798	0.110349	0.175896	0.627353	0.530428	0.675137
PRICKLE1	14.50111	-0.16067	0.573708	-0.28006	0.779432	NA
C1RL	222.1881	-0.29226	0.181049	-1.61425	0.106474	0.232543
NDUFA9	729.0356	-0.17035	0.158326	-1.07595	0.281951	0.448104
CLSTN3	173.1225	0.036122	0.26419	0.136726	0.891248	0.936356

KLRG1	24.92763	0.39613	0.521674	0.759345	0.447646	NA
VAMP1	52.89476	0.214559	0.297893	0.720256	0.471367	0.627431
TAPBPL	233.4904	-0.30996	0.192543	-1.60983	0.107434	0.233913
CD27	0.813665	1.671689	2.474058	0.675687	0.499239	NA
RBP5	5.039398	0.997438	1.012796	0.984836	0.324705	NA
PEX5	1573.515	-0.34779	0.125114	-2.7798	0.005439	0.031378
PIANP	2.719894	0.0302	1.21839	0.024787	0.980225	NA
SLC38A4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
AMIGO2	1.392454	2.595684	1.940577	1.337584	0.181032	NA
SCAF11	729.4203	0.818836	0.362228	2.260553	0.023787	0.085143
COL2A1	5.65939	-0.1603	0.959709	-0.16703	0.867349	NA
PPFIA2	33.12995	0.930774	0.395768	2.351818	0.018682	NA
LLPH	362.606	0.503477	0.191085	2.634835	0.008418	0.041958
RPL14P1	114.8333	0.204787	0.262001	0.781626	0.434434	0.595539
LRIG3	174.8885	0.123178	0.235548	0.522943	0.601014	0.730247
9-Mar	1075.357	-0.16806	0.17488	-0.961	0.336551	0.505541
INHBE	5.132156	0.118856	0.869925	0.136628	0.891325	NA
GLIPR1	28.55839	0.727355	0.578733	1.256806	0.208824	NA
TPH2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PHLDA1	6197.274	-0.06152	0.136178	-0.45179	0.65142	0.769259
TMEM19	818.4766	0.01157	0.187465	0.061716	0.950789	0.97278
PTPRQ	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DUSP6	3432.412	0.019248	0.162123	0.118724	0.905494	0.945366
POC1B	464.8048	0.578903	0.184391	3.139551	0.001692	0.014563
TMTC3	348.9043	1.020334	0.266047	3.835162	1.25E-04	0.002961
LUM	26.2727	0.283748	0.550775	0.51518	0.606427	NA
SNRPF	580.0261	0.208303	0.154834	1.345327	0.17852	0.331094
AMDHD1	6.040659	1.730504	0.911422	1.898686	0.057606	NA
NEDD1	441.2635	0.859	0.20158	4.261339	2.03E-05	9.37E-04
SYCP3	5.139522	0.339164	0.973167	0.348516	0.727453	NA
ASCL1	0.47961	0.535796	3.39605	0.15777	0.874638	NA
GAS2L3	1178.747	0.166428	0.178789	0.930864	0.351924	0.520012
TMEM132E	6.365156	-0.25932	0.933485	-0.27779	0.781171	NA
SLC15A4	1797.156	-0.34124	0.13234	-2.57849	0.009923	0.046925
TDG	214.5096	0.896806	0.225574	3.975662	7.02E-05	0.002039
RITA1	789.0026	-0.21833	0.171323	-1.27435	0.202539	0.358825
SDSL	270.5032	-0.3233	0.272937	-1.1845	0.236214	0.399143
MMAB	1209.736	-0.16469	0.141255	-1.16591	0.243649	0.406464
GLTP	1062.294	-0.22921	0.168944	-1.35671	0.174873	0.326835
GIT2	580.1113	-0.23099	0.14544	-1.58824	0.112233	0.240687
TCHP	575.1009	-0.05038	0.144265	-0.34925	0.726901	0.82669
FAM222A	217.8988	-0.72166	0.265472	-2.7184	0.00656	0.03551
FOXN4	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NUPL1	1130.062	0.415326	0.176828	2.348762	0.018836	0.072547
MTMR6	1171.849	0.619952	0.206133	3.007537	0.002634	0.019441
SLC46A3	159.4396	0.612376	0.254734	2.403986	0.016217	0.065572
SLC7A1	1829.635	-0.52995	0.178188	-2.9741	0.002939	0.02086

PDX1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
LNX2	374.332	-0.09059	0.211168	-0.42899	0.667931	0.782205
SUOX	543.8106	-0.44032	0.147061	-2.99415	0.002752	0.020028
CCDC65	19.98623	0.346612	0.460757	0.752268	0.45189	NA
SLC39A5	0.614937	2.493639	2.617677	0.952615	0.340785	NA
TARBP2	1325.02	-0.22824	0.145788	-1.56555	0.117454	0.248216
RDH16	1.562036	-1.53353	1.708649	-0.89751	0.369445	NA
DHH	11.7182	0.071261	0.60173	0.118427	0.90573	NA
ACVRL1	135.288	0.103668	0.254669	0.407069	0.683957	0.794388
NPFF	8.90935	0.570504	0.697193	0.818287	0.413193	NA
NABP2	1903.782	-0.13801	0.174951	-0.78885	0.430198	0.591716
N4BP2L1	38.94385	0.123005	0.406769	0.302396	0.76235	NA
SMARCC2	2693.37	-0.45066	0.137843	-3.26937	0.001078	0.010884
BRCA2	107.2159	0.952661	0.497328	1.915559	0.055421	0.148748
KANSL2	478.902	0.157165	0.14813	1.060997	0.288691	0.45493
CERS5	1570.58	-0.21573	0.171128	-1.26063	0.207443	0.364547
MAP3K12	1170.331	-0.27968	0.132241	-2.11493	0.034436	0.108718
ITGB7	31.97284	-0.60251	0.41293	-1.45912	0.144533	NA
GALNT6	12.52327	-0.2771	0.714127	-0.38802	0.697998	NA
CSAD	90.65591	0.214827	0.36725	0.584961	0.558574	0.697556
LMBR1L	542.3029	-0.19466	0.143264	-1.35877	0.174221	0.326183
C12orf10	1047.034	-0.15364	0.142655	-1.07697	0.281492	0.447691
ESYT1	5301.806	-0.48094	0.14611	-3.29166	9.96E-04	0.010321
TMBIM6	17379.26	-0.08891	0.131466	-0.6763	0.498849	0.649348
ANKRD52	3616.926	-0.71911	0.150442	-4.78001	1.75E-06	2.26E-04
ZNF740	603.5094	-0.15992	0.190959	-0.83746	0.402332	0.566803
SMIM2	0.845069	2.925226	2.326646	1.257272	0.208655	NA
WDFY2	217.1214	0.023048	0.218417	0.105525	0.915959	0.951316
HNRNPA1L	25.43172	0.753386	0.423915	1.777208	0.075534	NA
LPAR6	430.3259	1.063537	0.244024	4.358327	1.31E-05	7.23E-04
ESD	2365.313	0.086029	0.13754	0.625483	0.531654	0.675972
RB1	1963.157	0.626344	0.206385	3.034826	0.002407	0.018243
SBNO1	1105.546	0.529098	0.215793	2.451881	0.014211	0.05987
MORN3	18.02204	-0.52985	0.516093	-1.02666	0.304583	NA
SETD1B	548.9981	-0.60277	0.20495	-2.94107	0.003271	0.022362
VPS33A	360.1308	-0.06518	0.183674	-0.35489	0.722672	0.823698
VPS37B	3561.347	-0.53238	0.126699	-4.20193	2.65E-05	0.001093
RHOF	7.604379	-0.59641	0.739458	-0.80655	0.419928	NA
DENR	1088.612	0.337206	0.17866	1.88742	0.059104	0.155568
DIAPH3	356.6716	0.592179	0.242114	2.44587	0.01445	0.060524
SLAIN1	82.17517	-0.71609	0.45014	-1.59081	0.111653	0.239791
RBM26	475.542	0.767338	0.340173	2.255728	0.024088	0.085831
SRRM4	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
METTL21C	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MBNL2	1309.07	0.562878	0.322076	1.747656	0.080524	0.19219
ABHD13	419.0732	0.501771	0.174348	2.877985	0.004002	0.025436
RAB20	133.9659	-0.29181	0.216926	-1.34519	0.178565	0.331125

GRTP1	6.783178	-0.4024	0.775989	-0.51856	0.604067	NA
CUL4A	1970.138	0.399291	0.126865	3.147363	0.001648	0.014319
TTC6	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CDH24	126.1189	-0.13692	0.330547	-0.41423	0.678705	0.790407
REM2	2.625236	-0.09254	1.248331	-0.07413	0.940908	NA
CBLN3	35.26339	-0.41586	0.366227	-1.13554	0.256151	NA
TSSK4	26.09612	0.322014	0.416036	0.774004	0.438928	NA
NOVA1	1.717389	1.966895	1.611749	1.220349	0.222333	NA
FITM1	2.267479	-1.12802	1.320914	-0.85397	0.393123	NA
MDGA2	257.8158	-0.04621	0.272669	-0.16946	0.865431	0.920317
TMX1	954.7275	0.738424	0.189681	3.892976	9.90E-05	0.00253
FRMD6	3032.45	0.566422	0.178124	3.17993	0.001473	0.013425
PELI2	373.0767	0.022635	0.199358	0.113538	0.909604	0.947766
RTN1	3.936649	1.141119	1.087397	1.049405	0.293992	NA
C14orf37	362.46	-0.05647	0.216953	-0.26028	0.794648	0.875678
SLC38A6	400.0694	0.0503	0.198841	0.252967	0.800294	0.879693
NAA30	693.2	0.338155	0.175462	1.927232	0.053951	0.145874
ADAM21	12.87973	0.049686	0.614751	0.080822	0.935583	NA
RDH12	3.546147	0.091757	1.176519	0.077991	0.937835	NA
DCAF5	1446.09	-0.15959	0.152043	-1.04961	0.293898	0.461117
RAB15	361.5397	-0.17191	0.197958	-0.8684	0.385177	0.551083
WDR89	114.8938	0.836949	0.315275	2.654664	0.007939	0.040458
ESR2	78.92564	-0.39859	0.277859	-1.43451	0.151428	0.295445
STON2	9.748985	0.357206	0.69387	0.514803	0.606691	NA
EFCAB11	102.407	0.436348	0.251484	1.735091	0.082725	0.195632
GPR65	6.003384	0.735223	0.969449	0.758393	0.448216	NA
PTGR2	50.23745	0.770137	0.322009	2.391661	0.016772	0.067265
JDP2	363.3441	0.146297	0.194253	0.753126	0.451374	0.610554
AK7	39.11674	0.230014	0.340352	0.675811	0.49916	NA
SLC24A4	17.51226	-1.52906	0.54188	-2.82177	0.004776	NA
FBLN5	273.8083	-0.03416	0.21642	-0.15786	0.874569	0.925145
C14orf79	285.8626	-0.2279	0.18294	-1.24574	0.21286	0.371589
WARS	13245.22	-0.48343	0.16605	-2.91137	0.003599	0.023873
SLC25A47	0.883203	0.854847	2.135496	0.400304	0.688933	NA
WDR20	560.9875	0.063105	0.14815	0.425953	0.670142	0.783871
NIPA2	3026.603	0.050705	0.135255	0.374882	0.707748	0.812783
HERC2P2	169.7848	1.168183	0.335017	3.486934	4.89E-04	0.006696
SLC12A6	206.5567	-0.42298	0.181018	-2.33667	0.019456	0.074285
DUOXA1	1.246033	-0.06945	1.833478	-0.03788	0.969784	NA
MFAP1	1076.111	0.210149	0.144586	1.453452	0.146098	0.288569
TCF12	1191.364	0.044403	0.195776	0.226806	0.820574	0.892334
SORD	1845.623	-0.28636	0.130681	-2.19131	0.028429	0.095503
SERF2	12102.11	-0.10779	0.146899	-0.73375	0.463103	0.62097
ZSCAN29	605.1661	0.145388	0.174715	0.832146	0.405327	0.569465
DUOX2	0.921281	-1.21902	2.226885	-0.54741	0.584096	NA
LYSMD2	407.333	0.077865	0.16445	0.473489	0.635864	0.756921
FGF7	0.585114	1.12675	2.73598	0.411827	0.680466	NA

GCNT3	4.502387	-1.00442	0.960317	-1.04592	0.295596	NA
BNIP2	1509.203	0.717077	0.188098	3.812244	1.38E-04	0.003086
GTF2A2	1640.662	0.319203	0.161244	1.979632	0.047745	0.134702
SRP14	7286.688	0.406093	0.148144	2.741206	0.006121	0.033867
BAHD1	1229.085	-0.52462	0.167325	-3.13531	0.001717	0.014663
DISP2	5.020519	-1.0029	1.039216	-0.96505	0.33452	NA
CDAN1	399.3268	-0.46754	0.17527	-2.66756	0.00764	0.039439
TLE3	968.2962	-0.32319	0.183894	-1.75751	0.078832	0.189295
ANP32A	2186.669	-0.07386	0.151048	-0.48899	0.624851	0.74847
COMMD4	2589.719	-0.18718	0.134615	-1.39045	0.164392	0.313223
UBE2Q2	1143.721	0.422449	0.175583	2.405985	0.016129	0.065355
PSTPIP1	1.082076	-0.5518	2.085766	-0.26455	0.791353	NA
ETFA	3888.727	0.29293	0.148268	1.975679	0.048191	0.135481
BCL2A1	2369.376	0.803336	0.174126	4.613539	3.96E-06	3.70E-04
HMG20A	1285.916	-0.12948	0.158872	-0.81499	0.415075	0.578296
SCAPER	243.6292	0.481481	0.331803	1.451106	0.14675	0.28952
TSPAN3	7531.332	-8.82E-05	0.14359	-6.14E-04	0.99951	0.999594
WDR61	2160.725	0.280143	0.171764	1.630976	0.102895	0.227198
NEIL1	93.64644	0.487083	0.25089	1.941418	0.052208	0.14251
MAN2C1	1353.857	-0.23414	0.139572	-1.6776	0.093426	0.213322
DNAJA4	5511.513	0.027917	0.140684	0.198437	0.842703	0.906638
MESDC1	1400.979	-0.60236	0.180922	-3.32941	8.70E-04	0.0095
TPM1	1985.74	0.654801	0.33085	1.979144	0.0478	0.134794
PIF1	142.8503	-0.09755	0.274658	-0.35517	0.722464	0.823619
USP3	325.8248	3.41E-04	0.177539	0.00192	0.998468	0.999371
BBS4	943.6187	0.244487	0.177304	1.378915	0.167921	0.317598
PML	2489.413	-0.81199	0.200034	-4.05927	4.92E-05	0.001622
CYP1A1	46.98859	-0.14544	0.343848	-0.42297	0.672314	NA
ULK3	1467.013	-0.1848	0.138521	-1.33411	0.182169	0.335032
CELF6	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SCAMP2	2325.234	-0.19248	0.154778	-1.2436	0.213646	0.372356
HAPLN3	175.613	0.679814	0.313301	2.16984	0.030019	0.099019
RHCG	0.987658	-1.76927	2.378195	-0.74395	0.456905	NA
POLG	1945.541	-0.31233	0.143744	-2.1728	0.029796	0.098557
RLBP1	2.192993	-0.09431	1.365441	-0.06907	0.944934	NA
FANCI	1369.515	0.041576	0.185839	0.223722	0.822973	0.893194
ABHD2	3673.382	0.018579	0.202506	0.091748	0.926899	0.958156
WDR93	7.663941	-0.06801	0.775917	-0.08765	0.930158	NA
TICRR	173.2976	-0.57157	0.278726	-2.05065	0.040301	0.120955
NTRK3	1.006214	1.50962	2.386044	0.632687	0.526938	NA
DET1	227.1798	-0.17941	0.194323	-0.92327	0.355864	0.523878
MFGE8	17780.96	0.043317	0.192794	0.224681	0.822227	0.893037
ZNF710	392.4607	-0.64979	0.18991	-3.42155	6.23E-04	0.007763
EFTUD1	559.9045	0.353018	0.160364	2.201349	0.027711	0.094239
SEC11A	4104.081	0.220763	0.141538	1.559743	0.118821	0.250377
SCYL1	3242.519	-0.2714	0.1353	-2.00589	0.044868	0.129419
AKT1	8601.395	-0.19538	0.145217	-1.34541	0.178492	0.331093

CDCA5	736.9223	-0.3352	0.277054	-1.20986	0.226331	0.387683
C11orf73	822.3069	0.138168	0.170429	0.810708	0.417533	0.580424
CCDC81	4.956451	0.277358	1.069143	0.25942	0.795311	NA
SESN3	2621.571	0.030477	0.279238	0.109144	0.913089	0.94937
ENDOD1	4692.867	-0.08664	0.140776	-0.61543	0.53827	0.681093
CCDC82	305.8255	1.282026	0.741617	1.72869	0.083865	0.197265
KLHL35	43.54699	-0.45205	0.35853	-1.26086	0.207361	NA
TENM4	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
SERPINH1	1829.361	-0.54146	0.183111	-2.95701	0.003106	0.021663
CAPN5	1038.86	-0.53638	0.131312	-4.08482	4.41E-05	0.001543
INTS4	591.192	-0.18848	0.152459	-1.23627	0.216359	0.375491
PAK1	1860.219	-0.31916	0.125763	-2.53778	0.011156	0.050652
RPS3	31633.84	0.058557	0.144698	0.404686	0.685708	0.79533
ZC3H12C	1925.151	0.603419	0.204053	2.957171	0.003105	0.021663
TTC12	268.3676	-0.0697	0.202459	-0.34427	0.730646	0.829198
NCAM1	2062.936	-0.40821	0.171302	-2.38295	0.017174	0.068277
DRD2	1.243672	-0.61289	1.854147	-0.33055	0.740984	NA
C11orf52	0.490493	0.776209	2.895261	0.268096	0.788625	NA
NPAT	925.8281	0.495567	0.294174	1.684608	0.092064	0.211025
ATM	3093.208	0.664453	0.295608	2.247749	0.024592	0.086816
AASDHPPT	721.5283	0.462056	0.246262	1.876276	0.060617	0.158426
GLB1L2	52.48834	-0.05045	0.322798	-0.1563	0.8758	0.925779
LAMTOR1	3540.594	-0.18157	0.137832	-1.3173	0.187737	0.341836
P4HA3	5.798526	-0.43487	0.813514	-0.53456	0.592953	NA
GRIK4	1.445321	-0.30112	1.586081	-0.18985	0.849425	NA
HYOU1	3957.229	-0.48285	0.138133	-3.49556	4.73E-04	0.006586
SLC22A8	0.163957	0.424913	4.079006	0.104171	0.917034	NA
EI24	5398.64	-0.24134	0.144459	-1.67062	0.094796	0.215442
CCDC15	58.94248	0.637817	0.329115	1.937977	0.052626	0.143256
CHEK1	341.1536	0.256068	0.16073	1.593161	0.111124	0.239218
FEZ1	4008.165	-0.17044	0.127506	-1.3367	0.181321	0.333991
ESAM	0.616518	2.49285	2.980788	0.836306	0.402983	NA
KIRREL3	33.18748	0.347725	0.395063	0.880174	0.378765	NA
MPZL2	4.807253	-0.24307	0.940505	-0.25845	0.796059	NA
SCN2B	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
SIDT2	912.475	-0.72037	0.164184	-4.38759	1.15E-05	6.61E-04
TMEM25	30.23383	-0.63913	0.420029	-1.52163	0.128103	NA
TAGLN	774.5028	0.192847	0.709324	0.271874	0.785719	0.869964
ORAOV1	303.0951	0.419599	0.167598	2.503606	0.012293	0.054239
GPHA2	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
TRPT1	510.6318	-0.05521	0.156451	-0.35287	0.724189	0.824799
NUDT22	808.0105	-0.19368	0.148528	-1.30403	0.192225	0.3468
FERMT3	141.9899	-0.53052	0.361295	-1.46838	0.142002	0.282978
PLCB3	1843.667	-0.27612	0.165963	-1.66376	0.09616	0.21722
MRPL49	1846.297	-0.11903	0.175452	-0.67841	0.497511	0.648559
CDC42EP2	74.98032	-0.28669	0.268612	-1.06731	0.285834	0.452344
FAU	6437.406	0.016733	0.126962	0.131797	0.895145	0.938944

TM7SF2	230.2138	0.07868	0.226239	0.347775	0.728009	0.827474
VPS51	2317.677	-0.40644	0.153007	-2.65633	0.0079	0.040349
HMGA2	4.021676	1.675267	1.088257	1.539404	0.123706	NA
MMP3	1.97459	1.626118	1.48773	1.093019	0.274385	NA
KLRF1	2.233342	0.108512	1.464909	0.074074	0.940951	NA
CLEC1A	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
CWC15	1113.607	0.656944	0.18583	3.535196	4.07E-04	0.005986
KLHL1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DCUN1D2	228.2241	0.201212	0.193084	1.042091	0.297369	0.464559
TMCO3	1520.747	0.144866	0.14873	0.97402	0.330047	0.498243
TMEM218	559.8087	-0.16268	0.166864	-0.97492	0.3296	0.497782
TIRAP	143.4911	-0.25327	0.221914	-1.1413	0.253745	0.417799
N6AMT2	165.1476	0.134705	0.218651	0.616071	0.537848	0.680998
LATS2	2103.527	0.207436	0.205116	1.011313	0.311867	0.479045
SAP18	4389.136	0.253087	0.161195	1.570062	0.116401	0.246693
FAM124A	342.7341	-1.06452	0.2774	-3.83751	1.24E-04	0.002947
CTAGE5	19.12986	0.170573	0.472105	0.361303	0.717873	NA
FSIP1	9.428021	0.381464	0.715952	0.532806	0.594168	NA
DLG2	10.32307	0.690359	0.646557	1.067746	0.285635	NA
CCDC83	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PRSS23	4031.78	0.118781	0.195593	0.607289	0.543659	0.685451
DIXDC1	695.2382	0.189515	0.190286	0.995947	0.319276	0.487181
DLAT	1535.526	0.173328	0.145114	1.194422	0.232313	0.394566
PIH1D2	26.5364	0.899771	0.413563	2.175659	0.029581	NA
C11orf57	728.3127	0.510743	0.173939	2.936333	0.003321	0.022535
TIMM8B	1396.392	0.236827	0.182444	1.298081	0.19426	0.349445
IL18	1.132682	0.571077	1.952886	0.292427	0.76996	NA
TEX12	0.558248	0.982076	2.804738	0.350149	0.726227	NA
PTS	793.6565	0.669477	0.204057	3.280828	0.001035	0.010582
FREM2	67.61936	-0.17556	0.268174	-0.65464	0.5127	0.659941
FOXO1	352.4641	0.08232	0.176943	0.465233	0.641764	0.76165
ABCB9	513.2968	-0.66028	0.155221	-4.25382	2.10E-05	9.51E-04
RILPL2	412.5211	0.090245	0.195966	0.460512	0.645149	0.764212
DHX37	1476.969	-0.30819	0.176151	-1.74958	0.080192	0.191745
UBC	22084.98	-0.21835	0.154134	-1.41666	0.156582	0.30277
CACNA2D4	4.503699	-0.3195	1.019213	-0.31347	0.753921	NA
DCP1B	275.766	-0.2619	0.187085	-1.39988	0.161549	0.309097
CACNA1C	1.592559	2.773497	1.813178	1.529633	0.126108	NA
KCNA6	0.260158	1.240347	4.047124	0.306476	0.759242	NA
C12orf45	147.1416	0.445267	0.218032	2.042209	0.041131	0.122803
C12orf23	1200.125	0.603178	0.190607	3.164511	0.001553	0.013836
BTBD11	0.258578	1.233151	4.047809	0.304646	0.760635	NA
UBE3B	1527.311	-0.39263	0.127479	-3.07996	0.00207	0.016597
RAD9B	11.18987	0.611863	0.631681	0.968627	0.332731	NA
PLBD2	4181.383	-0.40831	0.138387	-2.95046	0.003173	0.022004
SLC2A13	688.3862	0.41948	0.316857	1.32388	0.185543	0.339342
GXYLT1	341.641	0.669242	0.361245	1.852599	0.06394	0.164427

TWF1	1144.214	1.041164	0.225665	4.613756	3.95E-06	3.70E-04
TEX30	479.4794	0.598856	0.176534	3.392296	6.93E-04	0.00825
AKAP6	349.8824	0.18226	0.212631	0.857164	0.391354	0.556629
NPAS3	6.383668	0.20968	0.818243	0.256256	0.797753	NA
FAM177A1	1760.134	0.279797	0.210797	1.327331	0.184399	0.337667
MBIP	268.5165	0.82753	0.251983	3.284076	0.001023	0.010511
MIPOL1	75.69758	0.906983	0.439093	2.065583	0.038868	0.117937
KCTD14	23.43343	-0.61091	0.534866	-1.14217	0.253385	NA
NDUFC2	651.7318	-0.13237	0.15164	-0.87291	0.382714	0.548751
ME3	32.15267	-0.06096	0.386344	-0.15779	0.874623	NA
NUBPL	404.5518	-0.00204	0.185523	-0.01102	0.99121	0.996168
VIPAS39	655.9611	-0.34026	0.143565	-2.37004	0.017786	0.069751
PTPRO	108.4237	0.942228	0.480274	1.961858	0.049779	0.138075
EPS8	2650.104	0.595009	0.180489	3.296653	9.78E-04	0.010189
ACAD8	747.9221	-0.05401	0.162372	-0.33262	0.739423	0.835401
THYN1	514.6569	0.237721	0.147929	1.606997	0.108055	0.234829
VPS26B	2543.004	-0.33592	0.138261	-2.42957	0.015117	0.062398
NCAPD3	1192.536	0.020321	0.177229	0.114657	0.908717	0.947313
ANO4	566.569	0.406406	0.145426	2.79459	0.005197	0.030347
TEX9	35.57315	1.046538	0.428502	2.442316	0.014593	NA
FLI1	77.18097	0.680197	0.412436	1.649219	0.099103	0.222006
KCNJ1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TMEM45B	0.804769	-0.21293	2.457871	-0.08663	0.930964	NA
AMN1	88.82719	0.208584	0.251879	0.82811	0.407608	0.571292
BICD1	425.362	0.100772	0.18418	0.547137	0.584284	0.717551
SAV1	559.7799	0.543454	0.17146	3.169559	0.001527	0.013701
CCDC122	7.932522	0.332414	0.781041	0.425604	0.670397	NA
SERP2	258.7758	-0.08812	0.249827	-0.35272	0.724302	0.824841
SACS	778.2974	0.878748	0.306394	2.868032	0.00413	0.025962
CCDC175	7.387064	0.377913	0.782287	0.483088	0.629033	NA
PABPC3	8.795746	-0.88842	0.752289	-1.18096	0.237619	NA
CENPJ	153.7816	0.95886	0.369371	2.595925	0.009434	0.045406
GLT1D1	5.439952	-1.04952	0.877183	-1.19646	0.231515	NA
TMEM132[	910.0127	-0.37531	0.173867	-2.1586	0.030881	0.101132
HSPB8	85.74673	-0.82278	0.302507	-2.71988	0.006531	0.035384
POU4F1	1.237926	1.940943	2.028448	0.956861	0.338637	NA
RNF219	145.9995	0.684991	0.238155	2.876239	0.004024	0.025476
CYSLTR2	208.9792	0.279776	0.238377	1.17367	0.240527	0.403783
ARL11	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
KCNK13	12.43513	-0.26008	0.70838	-0.36715	0.713505	NA
GUCY1A2	5.923302	0.214784	0.855262	0.251133	0.801712	NA
CWF19L2	154.9653	0.766542	0.341451	2.244956	0.024771	0.08722
USP12	826.7121	0.790496	0.183433	4.309456	1.64E-05	8.29E-04
PAN3	554.1984	0.280798	0.188547	1.489273	0.136415	0.275453
PFKM	6400.908	-0.35363	0.122058	-2.89719	0.003765	0.024485
TMEM123	3628.237	0.783486	0.181572	4.315016	1.60E-05	8.22E-04
GRIA4	1.207956	1.431596	1.927393	0.742763	0.457625	NA

GPR180	756.919	0.470636	0.235747	1.996359	0.045895	0.131389
FARP1	4512.837	-0.55738	0.155157	-3.59234	3.28E-04	0.005201
IFLTD1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
MED21	614.6026	0.399185	0.192257	2.076309	0.037865	0.115728
RASSF3	6658.293	0.240758	0.190392	1.264536	0.206038	0.363046
PTPRR	0.488709	2.119056	3.307564	0.64067	0.521737	NA
TMEM251	487.7416	0.176696	0.170632	1.035539	0.300417	0.467283
ING1	379.8398	0.357492	0.16333	2.188769	0.028614	0.096013
TEX29	1.392783	0.953702	1.968261	0.484541	0.628002	NA
ADPRHL1	15.14204	0.17186	0.578984	0.29683	0.766596	NA
TUBGCP5	518.7563	0.324569	0.153365	2.116322	0.034317	0.10846
GOLGA8I	1.301528	-0.75253	1.814473	-0.41474	0.678336	NA
PPP2R5E	1008.507	0.269054	0.198178	1.357637	0.174579	0.326595
THY1	513.3824	-0.0276	0.25547	-0.10805	0.913956	0.9501
TBCEL	616.3452	0.636865	0.195655	3.255034	0.001134	0.011192
UBASH3B	946.3995	0.088216	0.176229	0.500577	0.616669	0.742224
ROBO4	0.394291	0.298745	3.141711	0.09509	0.924243	NA
ROBO3	152.2832	0.250801	0.201118	1.247036	0.212384	0.370976
TBRG1	789.3244	0.408384	0.152328	2.680959	0.007341	0.038441
NRGN	139.0806	-0.04983	0.312409	-0.15951	0.873267	0.924503
OXA1L	3464.356	-0.30433	0.142396	-2.13719	0.032583	0.105021
SLC7A7	34.71597	-0.81232	0.368398	-2.20501	0.027454	NA
TMBIM4	512.382	0.399819	0.25078	1.594298	0.110869	0.23892
GRIP1	80.91727	-0.37039	0.45675	-0.81093	0.417406	0.580397
KIF5A	24.38951	0.374391	0.421419	0.888407	0.374322	NA
ELMSAN1	1727.863	-0.63678	0.24115	-2.64058	0.008276	0.041548
FAM161B	120.7761	-0.08876	0.214816	-0.41321	0.679451	0.790858
BATF	28.4719	-0.65015	0.396486	-1.63978	0.101051	NA
C15orf26	0.288605	1.443619	4.029058	0.358302	0.720117	NA
ADAMTSL3	5.832313	-0.55584	0.848369	-0.65519	0.512349	NA
SLC28A1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
WHAMM	301.0686	0.309252	0.170781	1.810816	0.070169	0.174687
ANKRD9	1500.916	-0.07091	0.158423	-0.44759	0.654446	0.771756
C14orf2	2228.673	0.362057	0.156376	2.315297	0.020597	0.077246
NPTN	2999.624	0.112262	0.133896	0.838431	0.401789	0.566424
GALK2	489.6589	0.244199	0.167123	1.461195	0.143962	0.285539
BUB1B	478.4703	0.24041	0.206358	1.165013	0.244014	0.406747
FAM92A1P	39.16135	0.216967	0.361205	0.600675	0.548057	NA
MMP14	21841.87	-0.43552	0.166033	-2.62312	0.008713	0.04302
	3.946754	0.63627	1.006195	0.632353	0.527156	NA
DHRS4	177.437	-0.18797	0.207718	-0.90493	0.365502	0.532706
DHRS1	861.6824	-0.30909	0.140926	-2.19326	0.028289	0.095301
RNF111	910.4952	-0.20564	0.148506	-1.3847	0.166144	0.315242
CCNB2	838.6909	-0.15934	0.173637	-0.91767	0.358792	0.52603
FAM81A	84.64037	-0.10236	0.278375	-0.36771	0.713089	0.816711
MYO1E	5004.951	-0.05283	0.1292	-0.4089	0.682611	0.793368
SNX22	20.31866	-0.17297	0.491006	-0.35228	0.724626	NA

ACAN	198.2298	0.959497	0.855449	1.12163	0.26202	0.426448
CABP1	5.852879	-1.36285	0.930906	-1.46401	0.143192	NA
AP3S2	482.9354	-0.409	0.159413	-2.56565	0.010298	0.048042
SPPL3	1370.844	-0.39184	0.158081	-2.47871	0.013186	0.057008
MEGF11	1.878681	0.344883	1.596577	0.216014	0.828977	NA
C12orf43	114.9468	-0.47335	0.230122	-2.05694	0.039692	0.119794
WDR66	49.68398	0.284696	0.309614	0.919521	0.357823	0.525131
HPD	2.582978	-1.55512	1.400481	-1.11042	0.266819	NA
LRRC43	21.98637	-0.51263	0.451199	-1.13615	0.255895	NA
FAM86C1	126.3565	-0.29732	0.225161	-1.32047	0.186677	0.340837
GDPD5	533.7829	-0.86926	0.241952	-3.5927	3.27E-04	0.005201
C11orf30	359.2611	0.037696	0.163625	0.230381	0.817796	0.890746
ALG8	1687.586	-0.14458	0.145669	-0.99254	0.320936	0.489161
GJD2	1.105576	1.732871	2.324315	0.745541	0.455945	NA
ACTC1	24.65306	2.021568	0.653517	3.093368	0.001979	NA
ADPGK	1712.862	0.101668	0.158988	0.639467	0.522519	0.668732
PTMS	9391.889	-0.23775	0.19011	-1.25059	0.211086	0.36923
PLA2G4D	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
C1R	144.1058	-0.48336	0.237049	-2.03908	0.041442	0.123384
STARD9	416.2847	0.166145	0.169359	0.981022	0.326582	0.494777
UBR1	1096.537	0.336268	0.188826	1.780831	0.07494	0.182764
ISL2	0.354779	1.703954	3.657232	0.465914	0.641277	NA
FAM86C2P	32.85406	-0.47561	0.367704	-1.29346	0.195853	NA
SIK3	894.2035	-0.23718	0.175738	-1.34964	0.177133	0.329294
MPZL3	11.5335	-0.40388	0.596266	-0.67734	0.498189	NA
PCSK7	2182.718	-0.25149	0.161506	-1.55716	0.119432	0.251264
CXCR5	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
VPS11	2315.633	-0.37134	0.129036	-2.8778	0.004005	0.025436
NLRX1	703.5817	-0.59882	0.163763	-3.65662	2.56E-04	0.004508
ITGA5	3205.96	-0.4178	0.162359	-2.57332	0.010073	0.047424
ZNF385A	490.214	-0.21444	0.174579	-1.22832	0.219328	0.379029
FMNL3	1238.637	-0.42925	0.141221	-3.03956	0.002369	0.018039
AQP5	2.046804	-0.69781	1.34901	-0.51728	0.604962	NA
RACGAP1	1848.387	-0.21444	0.219074	-0.97884	0.327657	0.495835
LARP4	1220.184	0.712843	0.252556	2.822513	0.004765	0.028601
GRASP	1445.759	-0.47058	0.155556	-3.02514	0.002485	0.018718
SHANK2	4.128953	-0.30277	1.018811	-0.29718	0.766329	NA
CLPB	832.4749	-0.38675	0.160376	-2.41154	0.015885	0.064533
NEU3	446.1017	-0.72298	0.192488	-3.75595	1.73E-04	0.003542
SLC25A45	157.6597	-0.31258	0.214733	-1.45566	0.145487	0.287692
SYVN1	1226.661	-0.49245	0.170445	-2.88918	0.003862	0.024886
ZFPL1	198.9435	-0.50452	0.201689	-2.50147	0.012368	0.054506
RPS6KA4	2567.275	-0.35886	0.137205	-2.61553	0.008909	0.043786
LRP5	765.0245	-0.32095	0.161558	-1.9866	0.046967	0.133364
TPCN2	6285.233	-0.6623	0.17349	-3.81753	1.35E-04	0.00305
FAM86FP	29.46254	-0.78548	0.397973	-1.97369	0.048417	NA
SLITRK5	9.271597	-0.73279	0.742952	-0.98632	0.323974	NA

FAT3	4.624772	-0.81996	1.064429	-0.77033	0.441104	NA
FBXO33	775.3425	0.699544	0.149337	4.684336	2.81E-06	2.97E-04
LRFN5	11.76148	-0.2463	0.588555	-0.41849	0.675589	NA
SPTSSA	1951.653	0.508655	0.196062	2.594356	0.009477	0.045537
TSHR	1.436653	1.111781	1.831046	0.607184	0.543729	NA
CFL2	1158.843	0.328147	0.176522	1.858959	0.063033	0.16273
SUGT1	680.3198	0.59921	0.173979	3.444147	5.73E-04	0.007385
GTF2A1	593.6175	0.501258	0.262149	1.912115	0.055861	0.149468
PGM2L1	481.9271	1.483415	0.183173	8.09844	5.57E-16	3.30E-12
INPPL1	4694.166	-0.24448	0.132523	-1.84485	0.065059	0.166294
GJB2	51.32571	-0.405	0.594456	-0.68129	0.495689	0.646895
CRYL1	9651.377	-0.29526	0.187167	-1.57751	0.114678	0.244173
HEPACAM	1.258707	1.465113	1.941661	0.754567	0.450509	NA
SKA3	209.0984	0.270021	0.209114	1.291261	0.196613	0.352003
MICU2	669.8127	0.776331	0.226736	3.423947	6.17E-04	0.007733
C11orf82	145.1754	0.466947	0.288433	1.618911	0.105466	0.231238
PCF11	586.5385	0.620231	0.272204	2.278548	0.022694	0.082325
PKNOX2	1620.178	-0.66134	0.140334	-4.71265	2.45E-06	2.71E-04
LRR1	377.2548	-0.06511	0.224042	-0.29063	0.771337	0.858691
RPL36AL	3599.164	0.196535	0.154498	1.272084	0.203343	0.359796
DNAAF2	215.1606	0.760292	0.189136	4.019822	5.82E-05	0.001793
KLHDC2	1017.505	0.141809	0.157649	0.899527	0.368372	0.535506
EML5	40.84712	0.786677	0.437965	1.796211	0.072461	NA
NEMF	651.2814	0.932923	0.686106	1.359736	0.173914	0.325916
RPUSD4	823.5779	0.020162	0.143427	0.140575	0.888206	0.934251
ARF6	2277.49	-0.09965	0.128419	-0.77597	0.437764	0.597921
TTC8	670.4249	0.427959	0.177353	2.413037	0.01582	0.064361
TMEM63C	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NOXRED1	2.912882	1.771888	1.294643	1.368631	0.171115	NA
AMER2	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
KBTBD6	404.5194	0.100594	0.217797	0.46187	0.644175	0.763364
DACT1	1152.853	0.604766	0.349802	1.728881	0.08383	0.197223
DACH1	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
LOH12CR1	285.9705	-0.32377	0.186112	-1.73968	0.081915	0.194416
TMEM55B	1609.368	-0.1139	0.166747	-0.68309	0.494551	0.645623
METTL17	485.847	0.099574	0.158554	0.628016	0.529994	0.674874
SLC39A2	1.353328	1.603733	1.750302	0.916261	0.35953	NA
NDRG2	345.4519	-0.154	0.199938	-0.77026	0.441146	0.601277
ARHGEF40	2928.155	-0.86496	0.173	-4.99981	5.74E-07	1.12E-04
ZNF219	1774.627	-0.06999	0.309375	-0.22625	0.82101	0.892334
C12orf50	0.410275	0.244283	3.100889	0.078778	0.937209	NA
PPP1R36	53.52765	0.119573	0.348308	0.343296	0.731376	0.829789
METTL3	965.6576	0.091654	0.156074	0.587248	0.557037	0.696198
SALL2	231.4188	-0.55991	0.187706	-2.98292	0.002855	0.020475
FAM194B	0.574434	-0.17781	2.756096	-0.06452	0.948559	NA
ZFYVE1	2113.32	-0.45176	0.143327	-3.15198	0.001622	0.014248
E2F7	1256.089	-0.04755	0.212193	-0.22409	0.822687	0.893127

ARHGAP42	610.2853	0.649071	0.247416	2.623401	0.008706	0.043002
ISCA2	452.4445	-0.05531	0.204969	-0.26987	0.787263	0.871205
OTOGL	17.64367	1.17725	0.742392	1.585753	0.112795	NA
TTC7B	1248.373	-0.32081	0.152674	-2.10125	0.035619	0.111239
TC2N	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CPSF2	1702.267	0.493963	0.207006	2.386228	0.017022	0.0679
MOAP1	1187.807	0.110808	0.165812	0.668272	0.50396	0.653751
IFI27L1	699.5119	-0.16321	0.160504	-1.01688	0.30921	0.47662
IFI27	1851.045	-1.33487	0.533796	-2.50072	0.012394	0.054541
CLMN	123.5224	-0.73095	0.349996	-2.08846	0.036756	0.113713
CCDC38	0.913027	1.87659	2.13519	0.878887	0.379463	NA
SMCO4	90.59454	0.172232	0.27767	0.620278	0.535075	0.678307
KIAA1731	182.3507	1.080603	0.362318	2.982468	0.002859	0.020475
TAF1D	530.836	0.917357	0.267471	3.429746	6.04E-04	0.007625
AMOTL1	2128.034	-0.09077	0.15246	-0.59539	0.55158	0.692542
LIPC	0.422534	1.924583	3.001758	0.641152	0.521424	NA
CEP57	658.1982	0.720248	0.208049	3.46191	5.36E-04	0.007049
TCP11L2	149.1128	-0.03906	0.293041	-0.13331	0.89395	0.938105
SPRED1	2327.715	0.25286	0.199095	1.270043	0.204069	0.360758
GPR176	901.2023	0.221579	0.252011	0.879242	0.37927	0.545595
JAM3	2486.643	0.03896	0.146474	0.265984	0.790251	0.872781
CMTM5	90.15076	-0.37818	0.268485	-1.40857	0.158964	0.305729
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GLB1L3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ADAMTS15	2.184788	0.203834	1.444961	0.141065	0.887819	NA
SVOP	0.653015	0.2552	2.787103	0.091565	0.927044	NA
AMN	10.59589	0.84723	0.679202	1.247391	0.212254	NA
RAB8B	1246.398	0.552671	0.187448	2.948401	0.003194	0.02208
IKBIP	754.3122	0.988307	0.247655	3.990661	6.59E-05	0.001943
RPUSD2	359.8305	-0.13823	0.184412	-0.7496	0.453497	0.612394
ZFYVE19	863.0248	-0.1792	0.170632	-1.05023	0.293611	0.460845
PPP1R14D	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SPINT1	403.2246	-0.0406	0.317393	-0.12793	0.898205	0.940157
FBN1	1330.229	-0.30586	0.143334	-2.13392	0.032849	0.105592
AVPR1A	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
DEPDC4	19.97163	0.340882	0.461099	0.739282	0.459736	NA
CKB	618.1477	-0.14636	0.288088	-0.50804	0.611425	0.738281
TRMT61A	929.9448	-0.01923	0.192863	-0.09971	0.920573	0.953884
BAG5	887.98	0.313648	0.19065	1.645151	0.099939	0.223198
LARP6	678.3859	0.049325	0.226355	0.21791	0.827499	0.895973
SENP8	56.25996	0.621061	0.326318	1.903241	0.057009	0.151364
COPS2	1429.298	1.119833	0.304697	3.675239	2.38E-04	0.004321
GABRB3	64.28581	0.909499	0.332653	2.73408	0.006255	0.034285
FRS2	567.7467	0.589693	0.223388	2.639776	0.008296	0.041553
CCT2	4294.781	0.416441	0.141723	2.938415	0.003299	0.022439
ARIH1	1634.428	-0.0175	0.133177	-0.13143	0.895432	0.939039
CLMP	4.412962	-0.35292	1.007869	-0.35016	0.726217	NA

SCN3B	0.586491	2.39072	2.689057	0.889055	0.373973	NA
ZNF202	176.6027	-0.06285	0.208767	-0.30103	0.76339	0.853129
FAM227B	54.36149	0.541639	0.406399	1.332776	0.182605	0.335522
CUL5	526.3915	0.935092	0.326462	2.864325	0.004179	0.026171
MYRFL	0.288605	1.443619	4.029058	0.358302	0.720117	NA
C11orf65	6.524359	1.085018	0.845125	1.283855	0.199193	NA
IDH3A	1075.338	0.279186	0.148887	1.875154	0.060772	0.158689
WDR72	43.12786	0.996171	0.420148	2.370998	0.01774	NA
CRABP1	3.689846	0.080366	1.07659	0.074649	0.940494	NA
PLD4	2.599116	-1.00346	1.255664	-0.79915	0.424205	NA
XRRA1	186.0689	-0.33012	0.201116	-1.64145	0.100704	0.223943
RNF169	418.351	0.108569	0.199805	0.543376	0.586871	0.719553
PRTG	99.70714	0.255516	0.286848	0.890772	0.373052	0.539727
LEO1	346.8165	0.831482	0.348572	2.385395	0.017061	0.067932
	739.313	0.596424	0.245926	2.42522	0.015299	0.062857
RIMKLB	444.9774	0.164027	0.244857	0.669892	0.502927	0.652962
A2ML1	0.572651	0.928649	2.780261	0.334015	0.738368	NA
TMED3	6090.906	-0.02114	0.166881	-0.12666	0.89921	0.94096
TMEM135	787.2609	0.186036	0.212016	0.877463	0.380235	0.546453
IQCD	28.51368	0.226494	0.414596	0.5463	0.58486	NA
HSP90B1	9111.195	0.595181	0.31508	1.888988	0.058893	0.155152
MMP10	0.410275	0.244283	3.100889	0.078778	0.937209	NA
TMPRSS5	56.87489	-0.54485	0.296254	-1.83913	0.065896	0.167388
B2M	49905.64	0.03968	0.174305	0.227647	0.81992	0.892331
ZNF592	1471.352	-0.43629	0.186856	-2.33492	0.019548	0.074586
CASC4	687.9601	0.96142	0.244359	3.934453	8.34E-05	0.002283
NNMT	9.732849	1.592661	0.892692	1.784111	0.074406	NA
AGBL1	0.984855	-1.02676	2.366773	-0.43382	0.664418	NA
CATSPER2	1.296436	1.468688	1.796302	0.817618	0.413576	NA
PPIB	4154.628	-0.09068	0.18035	-0.50281	0.615096	0.741129
FAM96A	1401.919	0.498369	0.184052	2.707765	0.006774	0.036304
KIAA0101	211.9514	0.014703	0.220365	0.066722	0.946803	0.970293
KIF7	271.8565	-0.00866	0.226452	-0.03822	0.96951	0.983447
PLIN1	2.436593	-0.69042	1.311432	-0.52646	0.598569	NA
PEX11A	209.9236	0.031247	0.186654	0.167405	0.867052	0.921131
MESP1	13.03264	-0.17198	0.57806	-0.29751	0.766078	NA
ANPEP	111.6459	-0.24954	0.351353	-0.71023	0.477562	0.632358
RBPMS2	42.26399	-0.44428	0.479498	-0.92654	0.354163	NA
ANKDD1A	85.5578	0.635856	0.255022	2.493339	0.012655	0.055359
CLPX	841.3446	0.409274	0.188156	2.175184	0.029616	0.098146
ZBTB39	300.0261	-0.31908	0.187493	-1.70184	0.088785	0.205541
TAC3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MYO1A	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TMEM194A	744.2651	0.201857	0.197315	1.02302	0.306298	0.473301
NAB2	2445.787	-6.70E-04	0.19367	-0.00346	0.997241	0.999011
VPS39	3000.671	-0.32911	0.142097	-2.31605	0.020555	0.07714
STAT6	7546.61	-0.30934	0.130412	-2.37201	0.017692	0.069634

XRCC6BP1	198.9297	0.165868	0.227408	0.729385	0.465766	0.622931
PIP4K2C	1752.765	-0.31857	0.146093	-2.18058	0.029214	0.097148
MTMR10	1965.396	0.317873	0.158427	2.006431	0.04481	0.129347
C15orf48	1.801563	-0.37483	1.531969	-0.24467	0.806711	NA
SCG5	4.50015	-0.95214	0.94131	-1.01151	0.311774	NA
GREM1	9.90554	1.727078	0.813536	2.122927	0.03376	NA
DIS3L	534.7849	-0.05926	0.185919	-0.31873	0.749929	0.843492
CCNDBP1	1988.336	-0.03967	0.136752	-0.29008	0.771753	0.858857
EPB42	42.88933	-0.20195	0.363193	-0.55604	0.578187	NA
SMAD3	593.13	-0.24942	0.217157	-1.14858	0.250729	0.414408
MAP1A	445.4072	-0.27994	0.178762	-1.566	0.117349	0.24807
MARS	3305.382	-0.21575	0.125364	-1.72095	0.085259	0.199473
MBD6	1329.002	-0.49875	0.163918	-3.04268	0.002345	0.017934
PDIA3	6758.852	-0.07547	0.124169	-0.60777	0.543342	0.68532
C15orf39	679.5613	-0.56645	0.178616	-3.17135	0.001517	0.013637
ISLR2	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
FBXO22	964.2306	0.15662	0.140318	1.116176	0.264347	0.428902
TBC1D2B	1817.969	-0.15164	0.139639	-1.08591	0.277519	0.443456
RNF214	444.1051	-0.14828	0.152074	-0.97509	0.329518	0.497761
POP5	904.5649	0.0538	0.141718	0.379628	0.704221	0.810224
ATP5L	3083.807	0.276957	0.154548	1.792049	0.073125	0.180191
ZNF641	437.2794	-0.016	0.217373	-0.07363	0.941307	0.967169
CACNB3	1110.218	-0.09183	0.19248	-0.47707	0.633315	0.755023
KMT2D	2305.546	-0.7251	0.275654	-2.63047	0.008527	0.042312
RHEBL1	87.21659	0.617842	0.306573	2.01532	0.043871	0.127724
TUBA1A	9614.322	-0.38661	0.185012	-2.08966	0.036649	0.113473
TUBA1C	1558.577	-0.29386	0.179834	-1.63408	0.102242	0.226262
NCKAP5L	1391.323	-0.53804	0.142993	-3.76267	1.68E-04	0.003497
GPD1	0.594599	-0.12152	2.771051	-0.04385	0.965021	NA
KRT80	9.400658	0.538967	0.850856	0.633442	0.526445	NA
OTUB1	3636.959	-0.13877	0.129868	-1.06856	0.285269	0.451752
RCOR2	8.021085	-1.17148	0.803984	-1.45709	0.145092	NA
SPRYD3	1614.83	-0.36393	0.200758	-1.8128	0.069863	0.174179
IGFBP6	92.50253	-0.2887	0.409025	-0.70583	0.480293	0.634828
SOAT2	4.77459	0.402857	1.049301	0.383929	0.701031	NA
NDUFV1	5007.267	-0.21445	0.117963	-1.81791	0.069079	0.172997
CDK2AP2	1545.87	-0.31551	0.156252	-2.01924	0.043462	0.127
NUDT8	110.7407	-0.36729	0.245657	-1.49513	0.134879	0.273379
SLC3A2	13408.78	-0.32906	0.145073	-2.26821	0.023316	0.083915
HRASLS5	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
C11orf84	1370.868	-0.1265	0.15863	-0.79746	0.425183	0.587202
ATG16L2	144.3751	0.101639	0.230002	0.441907	0.658556	0.77483
C2CD3	640.4646	-0.2092	0.163208	-1.28182	0.199904	0.355943
FADD	758.1709	-0.29503	0.191682	-1.53916	0.123765	0.258089
LTBP3	3325.129	-0.64549	0.15086	-4.27873	1.88E-05	8.88E-04
NAALADL1	290.3657	-0.25846	0.166422	-1.55303	0.120415	0.252704
SAC3D1	491.6702	0.012902	0.156454	0.082463	0.934279	0.96312

BATF2	135.6082	-0.89301	0.263124	-3.39387	6.89E-04	0.008244
SF1	4808.933	-0.44461	0.138066	-3.22026	0.001281	0.012146
MAP4K2	791.1561	-0.3542	0.15987	-2.21558	0.026721	0.091765
C11orf85	1.20553	-1.82229	1.887291	-0.96556	0.334266	NA
CCDC88B	69.25158	-0.25845	0.274537	-0.94141	0.346497	0.514366
PAFAH1B2	2594.666	-0.01968	0.152729	-0.12884	0.897487	0.939815
MAPK1IP1l	1434.488	-0.16453	0.146595	-1.12234	0.26172	0.426135
C14orf183	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MGAT2	102.7242	-0.39064	0.245111	-1.59373	0.110997	0.238989
DEGS2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
STIP1	6885	-0.15221	0.130441	-1.16689	0.243255	0.406166
CHRM1	50.04418	-0.91763	0.346201	-2.65057	0.008036	0.040692
TCTN2	1475.476	-0.22363	0.140995	-1.58611	0.112715	0.241329
PPIP5K1	357.3848	-0.43817	0.183165	-2.39223	0.016746	0.067229
ADAL	290.3102	0.322351	0.199636	1.614696	0.106377	0.232417
LCMT2	555.2585	-0.21258	0.169795	-1.25196	0.210583	0.368427
TPTE2P5	0.909021	-2.40928	2.210188	-1.09008	0.275678	NA
ANKRD49	195.5015	1.001321	0.23324	4.293102	1.76E-05	8.56E-04
STXBP6	2079.437	0.336035	0.238966	1.406202	0.159664	0.306827
GRM5	41.36026	0.642251	0.343357	1.870506	0.061414	NA
JMJD7-PLA	19.28902	-0.36129	0.475756	-0.7594	0.44761	NA
FEM1B	2993.408	0.553448	0.176318	3.13892	0.001696	0.014564
MAP2K1	1559.49	0.054147	0.156005	0.347085	0.728527	0.827745
UPF3A	349.1706	0.717274	0.250243	2.866315	0.004153	0.026037
CHST14	1114.09	-0.3888	0.177804	-2.18671	0.028764	0.096381
CSNK1G1	708.6331	-0.16201	0.173541	-0.93355	0.350536	0.518479
OR5AU1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
KIAA1024	52.3695	0.622611	0.34555	1.801798	0.071577	0.177335
SNUPN	487.1772	0.047937	0.16884	0.283918	0.776473	0.862136
CRADD	542.7487	0.14079	0.227097	0.619957	0.535286	0.678475
SIN3A	975.2847	-0.34343	0.1385	-2.47965	0.013151	0.056901
PTPN9	2436.357	-0.09401	0.13321	-0.70576	0.480338	0.634828
RNASE6	2.775239	-0.66259	1.280711	-0.51736	0.604904	NA
BNC1	1.045726	0.338916	1.94625	0.174138	0.861757	NA
C15orf40	507.9325	0.231848	0.18164	1.276418	0.201808	0.358267
FAM103A1	96.90417	0.495872	0.25744	1.926164	0.054084	0.146184
CHRNA5	43.59983	0.475993	0.350429	1.358315	0.174364	NA
NRG4	8.304742	1.273919	0.872156	1.460655	0.14411	NA
C15orf27	9.624717	0.936294	0.677602	1.381776	0.167041	NA
LINGO1	371.5477	-1.51145	1.028256	-1.46992	0.141584	0.282335
ONECUT1	8.255362	-0.25712	0.775144	-0.3317	0.740113	NA
AVEN	574.3662	0.187312	0.17373	1.078178	0.280954	0.447135
WNT10B	2.921985	-0.2809	1.218233	-0.23058	0.81764	NA
OTUD7A	18.17566	0.506866	0.479558	1.056944	0.290537	NA
KLF13	2402.498	-0.58985	0.16643	-3.54412	3.94E-04	0.005852
SERPINA6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
NIPA1	1409.216	0.397389	0.152533	2.605263	0.00918	0.044545

SIK2	1781.317	-0.33678	0.150258	-2.24137	0.025002	0.087822
ANKK1	0.411855	0.250456	3.097618	0.080854	0.935558	NA
USP50	0.394291	0.298745	3.141711	0.09509	0.924243	NA
C14orf142	351.4246	0.431345	0.21233	2.031485	0.042206	0.124994
	19.87159	-0.06309	0.600806	-0.10501	0.91637	NA
SLN	0.424115	1.932531	3.45462	0.559405	0.575885	NA
NFRKB	952.5823	-0.36085	0.136746	-2.63881	0.00832	0.041599
PRDM10	369.3027	0.150422	0.183226	0.820968	0.411665	0.574963
FOS	180.6565	0.436055	0.308004	1.415747	0.15685	0.303119
TMED10	8083.463	-0.15148	0.135871	-1.1149	0.264892	0.429314
KRT8	1.459015	1.061255	1.654615	0.641391	0.521269	NA
SDR9C7	1.087795	-0.34293	2.583446	-0.13274	0.894399	NA
DENND5B	868.2944	0.406528	0.182547	2.226981	0.025949	0.090291
WIBG	628.9102	0.001048	0.139471	0.007517	0.994003	0.997382
PA2G4	2610.95	-0.09836	0.13448	-0.73138	0.464545	0.621928
SMAGP	78.09451	0.009044	0.286431	0.031574	0.974812	0.98618
STAT2	4157.957	-0.60768	0.149982	-4.05172	5.08E-05	0.00166
GTSF1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNF34	999.2021	-0.06828	0.172291	-0.39632	0.691872	0.800756
TMEM133	121.2692	0.492064	0.308436	1.595351	0.110634	0.238553
ATF7	433.2475	-0.38952	0.170236	-2.28811	0.022131	0.081127
AKAP13	2082.048	-0.09367	0.141611	-0.66145	0.508322	0.657089
CDCA4	536.1916	-0.33202	0.213846	-1.55263	0.120511	0.252771
TRIAP1	794.2133	0.225209	0.161841	1.391539	0.164062	0.312777
PLA2G1B	2.750847	-0.07032	1.360375	-0.05169	0.958777	NA
MSANTD4	592.3357	0.642586	0.193758	3.316434	9.12E-04	0.009773
TPT1-AS1	216.8041	-0.26142	0.353986	-0.73852	0.460201	0.618489
PDGFD	78.98	-0.64692	0.398195	-1.62464	0.10424	0.229312
PYGO1	252.032	0.26237	0.243543	1.077305	0.281344	0.447516
C11orf24	3469.968	-0.36001	0.118475	-3.03871	0.002376	0.018067
TMEM126A	689.5815	0.421138	0.166253	2.533111	0.011306	0.051105
TMEM126B	1094.979	0.767202	0.21911	3.50144	4.63E-04	0.006477
CDC42BPG	70.0077	-0.26742	0.338555	-0.78988	0.4296	0.591099
FAM98B	446.3947	0.325017	0.21716	1.496672	0.134479	0.272754
CHST11	2098.627	-0.23067	0.164504	-1.40221	0.160851	0.308409
KSR2	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
MAP1LC3B	31.24605	-0.28466	0.393766	-0.72291	0.469732	NA
MAP6	66.23122	0.349602	0.319041	1.095789	0.273171	0.439051
OR2AT4	0.47803	0.520083	2.97881	0.174594	0.861399	NA
P2RY6	0.629929	-1.1413	2.677641	-0.42623	0.669937	NA
ATF7IP	868.0622	-0.04114	0.230179	-0.17875	0.858136	0.916009
GPHN	682.3999	-0.29144	0.185245	-1.57328	0.115654	0.245718
PAH	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SPATA5L1	232.4399	-0.36607	0.185985	-1.96829	0.049034	0.136938
GATM	105.508	-0.26792	0.354076	-0.75667	0.44925	0.60872
RHNO1	531.8931	-0.25321	0.166399	-1.5217	0.128085	0.264307
FBXL14	303.1763	-0.27436	0.189366	-1.44881	0.147389	0.290626

NINJ2	4.14663	-0.08568	0.9959	-0.08604	0.931438	NA
FAM90A1	8.486397	-0.86966	0.767061	-1.13375	0.256898	NA
C3AR1	26.05207	-0.62535	0.418872	-1.49294	0.135453	NA
FRMD5	784.6393	0.146878	0.190201	0.772226	0.439981	0.59995
TLN2	569.3202	-0.60576	0.197526	-3.06673	0.002164	0.017036
LDHAL6B	2.927421	0.739947	1.224727	0.604173	0.545728	NA
ISG20	81.93496	0.140122	0.293234	0.47785	0.632757	0.754704
CLEC7A	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DPAGT1	1305.223	-0.42323	0.15547	-2.72227	0.006483	0.035193
HINFP	557.5168	-0.06441	0.219172	-0.29388	0.768853	0.85673
STARD5	102.7	-0.20101	0.238434	-0.84303	0.399209	0.563878
IL16	717.4785	-0.85092	0.299249	-2.84352	0.004462	0.02732
ABCG4	43.68638	-0.27444	0.352307	-0.77897	0.435995	NA
PDZD3	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
C2CD2L	552.1065	-0.07709	0.187595	-0.41092	0.681131	0.792212
ARNT2	1482.595	-0.79583	0.173848	-4.57774	4.70E-06	4.09E-04
TTC36	0.965361	0.923875	2.105329	0.438827	0.660787	NA
IL17D	3237.286	-0.44392	0.230708	-1.92418	0.054332	0.146721
FIBP	3287.467	-0.16679	0.156988	-1.06245	0.288029	0.454295
CARNS1	2.65471	0.900497	1.246302	0.722536	0.469965	NA
PPP1CA	5347.71	-0.23446	0.155119	-1.51146	0.130672	0.267092
CTSW	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
PDE3A	232.9854	-0.66205	0.400941	-1.65123	0.098691	0.221377
RASGRP1	1.48623	-0.09738	1.890909	-0.0515	0.958928	NA
MRPL52	1527.09	0.045	0.154372	0.291503	0.770667	0.858187
RND1	9.865322	-0.82615	0.68072	-1.21364	0.224885	NA
RAD9A	166.7352	-0.26896	0.208094	-1.29247	0.196194	0.351608
EFEMP2	579.4248	-0.16993	0.180345	-0.94224	0.346072	0.513927
OR10AD1	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
TMEM134	767.739	-0.16311	0.14334	-1.13792	0.255155	0.419478
FAM71D	2.8894	1.458038	1.283254	1.136203	0.255871	NA
CORO1B	5984.267	-0.26372	0.135101	-1.95205	0.050932	0.140406
MUS81	805.6708	-0.13592	0.168124	-0.80844	0.41884	0.581831
CFL1	25438.61	-0.22972	0.139457	-1.64726	0.099505	0.222698
NAA16	144.1932	1.144011	0.346062	3.305799	9.47E-04	0.00998
HOXC5	112.3323	-0.20906	0.285447	-0.73239	0.463933	0.621415
SNX32	86.66929	-0.222	0.262147	-0.84686	0.397074	0.56175
OVOL1	24.90752	0.019784	0.482056	0.041041	0.967263	NA
RARG	1548.533	-0.40397	0.154144	-2.62072	0.008774	0.043288
SSH3	1014.254	-0.17809	0.157933	-1.12762	0.259479	0.423872
NADSYN1	1737.727	-0.25704	0.188167	-1.36605	0.171925	0.323108
DHCR7	2816.452	-0.34968	0.247251	-1.41428	0.157281	0.303477
NBEA	231.8461	0.148636	0.220257	0.674829	0.499784	0.650235
RNASEH2C	2055.256	-0.04719	0.165115	-0.28577	0.775053	0.860888
MYEOV	157.6716	0.680011	0.440002	1.545473	0.122232	0.255566
ANKRD13D	1577.035	-0.06442	0.164313	-0.39205	0.695022	0.803279
MRGPRF	14.41378	0.257799	0.542362	0.475328	0.634553	NA

KAT5	870.0092	-0.23476	0.144162	-1.62847	0.103425	0.227984
ADRBK1	2081.17	-0.39896	0.130576	-3.05537	0.002248	0.017429
RELA	3180.719	-0.33394	0.139621	-2.39177	0.016767	0.067265
HECTD4	1240.692	-0.55187	0.209066	-2.63972	0.008297	0.041553
TRMT112	3539.853	0.004087	0.145074	0.028172	0.977525	0.987689
KDM2A	1786.425	-0.47892	0.161943	-2.95731	0.003103	0.021663
MRP63	1370.795	0.04058	0.129143	0.314227	0.753349	0.845894
ESRRA	1798.924	-0.09358	0.140012	-0.66839	0.503883	0.653751
RHOD	134.93	0.149268	0.236843	0.630241	0.528537	0.673809
ABCD2	7.619279	-0.63938	0.785479	-0.814	0.415647	NA
SYT12	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SLC2A14	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
GPR137	1645.778	-0.24239	0.203878	-1.18889	0.234485	0.397117
MAP3K11	10656.12	-0.53385	0.136898	-3.89962	9.63E-05	0.002488
KCNK7	1.342381	-0.86875	1.876521	-0.46296	0.643393	NA
OLR1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GLIPR1L1	1.506338	-0.39416	1.788825	-0.22035	0.8256	NA
EHBP1L1	1474.999	-0.25199	0.182482	-1.38092	0.167303	0.316783
THAP2	51.52727	0.879762	0.363136	2.42268	0.015406	0.063089
RNF26	872.3329	-0.45249	0.147019	-3.07778	0.002085	0.016597
PPP1R14B	2564.756	0.1692	0.124772	1.356077	0.175075	0.327007
SSSCA1	693.2021	-0.07366	0.15586	-0.47258	0.636514	0.757389
FKBP2	1990.12	-0.17153	0.167181	-1.02603	0.304879	0.472185
VEGFB	4757.089	-0.31871	0.1743	-1.82851	0.067473	0.169976
PEAK1	1997.636	0.028331	0.177751	0.159383	0.873367	0.924526
CSPG4	4556.297	-0.92395	0.144666	-6.38678	1.69E-10	2.23E-07
SNX33	1941.522	-0.49192	0.125486	-3.92014	8.85E-05	0.002374
CCDC41	70.95705	0.900812	0.457298	1.96986	0.048854	0.136693
NUDT4	900.475	0.451299	0.182501	2.472855	0.013404	0.057636
PC	1071.893	-0.81603	0.193214	-4.22344	2.41E-05	0.001026
LRFN4	651.9097	-0.14621	0.155018	-0.9432	0.345581	0.513496
RCE1	409.6002	-0.0029	0.155407	-0.01866	0.985111	0.992141
C11orf80	148.8501	0.017136	0.216456	0.079168	0.936899	0.964646
	45.81893	0.592553	0.343899	1.723043	0.084881	NA
TIGD3	5.53682	0.086628	0.956586	0.090559	0.927843	NA
	1.62174	0.128717	1.625655	0.079179	0.936891	NA
SPTBN2	841.89	-0.74305	0.189511	-3.92091	8.82E-05	0.002371
RBM4B	394.5849	-0.01927	0.154519	-0.12473	0.900736	0.941822
RBM4	94.30335	0.014054	0.253981	0.055333	0.955873	0.975764
LRRC63	9.369396	0.467242	0.662631	0.705132	0.480728	NA
CCS	703.3496	-0.10907	0.155639	-0.70079	0.483436	0.637289
SLC25A30	826.9483	0.312777	0.161685	1.934491	0.053053	0.144021
CTSF	6023.383	-0.29874	0.12749	-2.34323	0.019118	0.073347
MSRB3	1112.702	0.479489	0.184434	2.599788	0.009328	0.045045
LEMD3	680.9963	0.496045	0.179434	2.764491	0.005701	0.032354
ZDHHC24	734.9905	-0.17261	0.170218	-1.01403	0.310567	0.478027
	68.56374	-0.2337	0.29972	-0.77973	0.43555	0.596586

MGA	747.6071	0.109742	0.191339	0.573546	0.566275	0.703394
C12orf66	125.1555	-0.06834	0.22102	-0.30918	0.757183	0.848416
ADCY6	1813.958	-0.19003	0.163191	-1.16449	0.244226	0.406914
REP15	2.786186	0.582628	1.208666	0.482042	0.629776	NA
DDX23	2640.368	-0.10845	0.154109	-0.7037	0.481618	0.635881
ZNHIT2	266.9018	-0.21381	0.18935	-1.12919	0.258818	0.423177
C11orf45	58.10464	-0.24662	0.308358	-0.79977	0.423845	0.585969
RALGAPA1	184.5044	0.313107	0.296462	1.056147	0.290901	0.457864
LIG4	287.6093	1.516024	0.684224	2.215682	0.026713	0.091765
RPL35P9	0.816972	0.936457	2.589651	0.361615	0.71764	NA
ATP2A2	10284.32	-0.40654	0.158435	-2.56596	0.010289	0.048042
ZWILCH	357.0353	0.664402	0.19175	3.464949	5.30E-04	0.007022
RPL4	30736.17	-3.85E-04	0.133543	-0.00288	0.997701	0.999133
SNAPC5	584.7289	0.441917	0.168005	2.630381	0.008529	0.042312
C12orf76	351.1855	0.116514	0.204927	0.568565	0.569651	0.705813
BBS1	8.070571	-0.15001	0.707438	-0.21204	0.832076	NA
DENND4A	521.1064	0.572848	0.212847	2.691357	0.007116	0.037572
IGDCC3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PELI3	779.9869	-0.33493	0.157214	-2.1304	0.033139	0.106017
MYO1H	2.261098	-0.97306	1.490013	-0.65305	0.513722	NA
MRPL11	776.0155	-0.12653	0.162496	-0.7787	0.436159	0.597005
CMKLR1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SLC29A2	99.93426	0.094134	0.334451	0.281459	0.778359	0.863912
B3GNT1	1561.862	-0.26431	0.14979	-1.76451	0.077646	0.187485
KIAA1551	172.7779	0.927989	0.71878	1.291061	0.196683	0.352003
BRMS1	1942.51	-0.09081	0.164672	-0.55148	0.581305	0.714966
RIN1	267.7993	-0.31183	0.18548	-1.6812	0.092723	0.212249
FZD4	176.5211	-0.33402	0.216797	-1.54073	0.123384	0.25752
YIF1A	2364.968	-0.19822	0.186124	-1.06499	0.286881	0.453221
CNIH2	42.39657	-0.3957	0.351442	-1.12595	0.260188	NA
RAB1B	5702.142	-0.27882	0.123105	-2.26492	0.023517	0.084459
FBXW8	657.0832	-0.27246	0.170736	-1.59578	0.110537	0.238431
KLC2	1743.573	-0.26145	0.184763	-1.41506	0.15705	0.303288
PACS1	1745.337	-0.46394	0.160892	-2.88353	0.003932	0.025186
CSRP2	1307.392	0.466488	0.26468	1.762456	0.077992	0.188118
INHBC	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
DDIT3	366.2918	0.161462	0.203022	0.795291	0.426445	0.588328
PCCA	390.5679	-0.00275	0.168093	-0.01638	0.986928	0.993212
HIGD2B	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
DCTN2	5015.695	-0.15634	0.136315	-1.14687	0.251434	0.415377
CTDSP2	4407.97	-0.41128	0.124535	-3.3025	9.58E-04	0.010071
GOLGA8A	47.44897	1.70662	0.515181	3.31266	9.24E-04	0.009851
CATSPER1	9.199294	-0.01706	0.863373	-0.01975	0.984239	NA
CST6	0.670433	1.255281	2.356401	0.532711	0.594234	NA
GRAMD2	1.681242	1.965083	1.654241	1.187906	0.23487	NA
BANF1	2258.9	-0.30756	0.139051	-2.21188	0.026975	0.092425
APOF	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA

CHRNA7	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
EIF1AD	571.388	-0.09424	0.185071	-0.5092	0.610614	0.737603
TBC1D10C	0.558248	0.982076	2.804738	0.350149	0.726227	NA
SART1	2803.418	-0.53102	0.14582	-3.6416	2.71E-04	0.004615
POLD4	349.6261	-0.07135	0.184737	-0.38624	0.69932	0.806443
CLCF1	17.02367	0.056835	0.596726	0.095246	0.92412	NA
TSGA10IP	1.909793	2.161609	1.550034	1.394556	0.16315	NA
LIPT2	19.18733	-0.21817	0.472471	-0.46176	0.644257	NA
KCNE3	13.26789	-0.11316	0.56945	-0.19871	0.842489	NA
ALG10B	50.33524	0.262615	0.327999	0.800657	0.42333	0.585598
DRAP1	2829.318	0.136525	0.130478	1.046345	0.295402	0.462675
UCP3	6.572201	0.598467	0.812179	0.736866	0.461204	NA
UCP2	21.86427	-0.67546	0.581048	-1.16248	0.245039	NA
C11orf68	1697.544	-0.03964	0.173418	-0.22858	0.819192	0.891783
PAAF1	733.5905	-0.3007	0.14906	-2.01733	0.043661	0.127299
MRPL48	762.0708	0.054602	0.17049	0.320267	0.748766	0.842272
RAB6A	2453.282	0.297333	0.173813	1.710652	0.087145	0.202702
FOSL1	1154.724	0.25413	0.341157	0.744906	0.456329	0.614817
CCDC85B	2189.989	-0.02996	0.184819	-0.1621	0.871231	0.923353
RPS6KB2	1139.644	-0.14842	0.166703	-0.89033	0.373289	0.539792
GOLGA8EP	0.67854	-0.89371	2.366391	-0.37767	0.705677	NA
MLXIP	1910.287	-0.75452	0.202904	-3.71859	2.00E-04	0.003868
C15orf54	0.623045	0.091811	2.666142	0.034436	0.97253	NA
	1.306087	0.163842	1.952563	0.083911	0.933127	NA
SLC35E3	485.3845	-0.18231	0.166586	-1.09442	0.273772	0.439659
PRIMA1	712.1819	0.638982	0.661517	0.965934	0.334077	0.502536
A2M	18010.98	0.278278	0.260925	1.066503	0.286196	0.452562
UNC119B	1734.132	-0.27679	0.140623	-1.96831	0.049033	0.136938
PLEKHD1	0.679532	2.619206	2.901822	0.902607	0.366734	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
DLEU1	356.3478	0.234532	0.181803	1.290037	0.197038	0.35248
GPX2	0.324752	1.53082	4.022025	0.380609	0.703493	NA
FOXR1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
COX8A	2884.875	-0.1439	0.174409	-0.82506	0.40934	0.572795
RPL37AP8	1.088612	0.323874	2.06822	0.156596	0.875564	NA
ZSCAN2	265.4577	-0.3922	0.186698	-2.10073	0.035664	0.111306
B3GNT4	5.328646	0.174498	0.869271	0.20074	0.840902	NA
SPRYD4	426.217	-0.31365	0.166929	-1.87894	0.060252	0.15768
SYNE3	249.9261	-0.37078	0.206216	-1.79804	0.072171	0.178471
LPCAT4	479.1611	-0.18289	0.17589	-1.03982	0.298425	0.46532
WDR25	354.5356	-0.17603	0.184086	-0.95624	0.338952	0.507678
PLA2G16	1375.074	0.120473	0.153546	0.784609	0.432683	0.593839
NANOGP1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SCAND2P	192.5637	0.153348	0.188842	0.812045	0.416766	0.579969
C15orf56	1.150035	-1.04642	2.019749	-0.51809	0.604393	NA
VSIG10	390.8508	0.062697	0.209395	0.299418	0.764621	0.853834
WSB2	4677.624	-0.17439	0.126372	-1.38001	0.167583	0.317106

	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
PXMP2	49.68881	-0.37659	0.320993	-1.17319	0.240718	0.403979
PNMA1	1797.851	-0.16484	0.139755	-1.1795	0.2382	0.401059
ANKLE2	1926.562	0.200255	0.155416	1.288507	0.197569	0.353177
FAM89B	228.6077	-0.07738	0.217516	-0.35576	0.722021	0.823351
WDR73	420.0794	0.162059	0.170041	0.953058	0.340561	0.5087
POLE	911.9116	-0.51779	0.226814	-2.28289	0.022437	0.081935
SCN4B	4.046348	-0.08523	1.042717	-0.08174	0.934854	NA
ZDHHC22	22.89108	-0.18879	0.798409	-0.23646	0.813073	NA
ANO6	2843.637	0.174207	0.195184	0.892531	0.372108	0.53876
ULK1	878.464	-0.43161	0.162655	-2.65351	0.007966	0.040531
PUS1	427.9386	-0.04602	0.188193	-0.24456	0.806797	0.884627
PCNPP5	5.127063	0.642706	0.937001	0.685917	0.492765	NA
	2.34924	-0.95648	1.467294	-0.65186	0.514488	NA
RPL13AP3	1.291897	0.841043	1.879006	0.4476	0.654442	NA
	5.181767	1.15753	0.949156	1.219537	0.222641	NA
	19.45938	-0.49198	0.524631	-0.93776	0.348366	NA
PAWR	297.7452	0.707597	0.235036	3.010595	0.002607	0.019343
ACOT4	104.4477	-0.11348	0.228388	-0.49687	0.61928	0.743902
CD163L1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.302374	2.434983	1.999113	1.218032	0.223212	NA
C12orf68	160.3014	-0.13514	0.303814	-0.44481	0.656456	0.77328
UBE2N	3330.703	0.160098	0.153839	1.040688	0.29802	0.465056
IMP3	1924.697	-0.0968	0.145866	-0.66365	0.506918	0.65606
ASB8	866.2516	0.014547	0.160272	0.090766	0.927679	0.958566
DPY19L2	35.46564	0.364342	0.394691	0.923108	0.355951	NA
DDX10	411.2182	0.624602	0.212096	2.944904	0.003231	0.022228
KDELC2	978.2139	0.464603	0.190082	2.444224	0.014516	0.060596
AQP11	97.45504	-0.3564	0.245938	-1.44916	0.147293	0.290493
DNAJC22	16.7366	0.045615	0.548902	0.083102	0.93377	NA
COX14	993.0334	0.260222	0.16092	1.617083	0.10586	0.231729
DTX3	549.2364	-0.48081	0.229224	-2.09755	0.035945	0.111821
KCTD12	615.9444	-0.33139	0.279254	-1.18669	0.235348	0.398124
RPP25	2390.415	-0.17602	0.154169	-1.14177	0.253551	0.417595
C13orf45	0.411855	0.250456	3.097618	0.080854	0.935558	NA
COX5A	3515.702	-0.03603	0.146848	-0.24533	0.806203	0.88422
FAM219B	1932.777	-0.02498	0.171329	-0.14582	0.884063	0.931441
MPI	831.0838	-0.47383	0.16531	-2.86629	0.004153	0.026037
APOLD1	6231.917	0.173971	0.160461	1.084195	0.278279	0.444453
FAM101A	11.38461	-1.29598	0.673663	-1.92379	0.054381	NA
FBXO34	736.9588	0.216316	0.197741	1.093936	0.273983	0.439786
EXD1	1.92343	4.105171	1.852697	2.215781	0.026706	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
CCDC89	0.163957	0.424913	4.079006	0.104171	0.917034	NA
C12orf42	1.295204	0.045195	1.784804	0.025322	0.979798	NA
TMTC2	2713.43	-0.04293	0.126707	-0.3388	0.734764	0.832199
EDC3	1079.855	-0.3596	0.155943	-2.30596	0.021113	0.07861

ZNF664	3087.873	0.308437	0.16327	1.88912	0.058876	0.155139
	23.23297	0.153329	0.462953	0.331197	0.740495	NA
SMCO3	22.39009	-0.29608	0.523665	-0.56541	0.571795	NA
TMEM151A	4.090811	1.695162	1.145185	1.480252	0.138806	NA
PTPN11	4446.572	0.663147	0.229232	2.892908	0.003817	0.024686
RAB39A	4.649602	1.733492	1.083202	1.600341	0.109523	NA
CLK3	1188.602	-0.15576	0.15053	-1.03473	0.300797	0.467542
ARID3B	22.43161	0.523022	0.448325	1.166613	0.243367	NA
HMGN2P46	7.146764	0.227674	0.771111	0.295254	0.7678	NA
PACS2	2437.82	-0.44575	0.149597	-2.9797	0.002885	0.020568
GPC5	1.149832	-0.38667	2.069202	-0.18687	0.851763	NA
KLHL28	136.3217	0.427047	0.230023	1.856536	0.063377	0.163381
C14orf28	90.49628	0.240018	0.2585	0.928503	0.353147	0.521234
EIF3J-AS1	138.0795	0.231455	0.223892	1.033779	0.30124	0.468108
DGKZP1	5.215421	0.035742	0.939476	0.038045	0.969652	NA
ZBTB42	341.7561	-0.09384	0.189658	-0.4948	0.620745	0.745208
LACC1	253.5673	1.012087	0.367456	2.754312	0.005882	0.032967
AKAP5	1.70513	1.285072	1.554544	0.826656	0.408432	NA
PHC1P1	17.68505	-0.39482	0.478314	-0.82545	0.409115	NA
R3HDM2	546.8218	-0.25385	0.211498	-1.20026	0.230039	0.392221
C14orf119	1689.793	0.032075	0.136725	0.234598	0.814521	0.889545
BBS10	258.5471	0.360143	0.247041	1.457827	0.144888	0.286849
SOCS4	773.6293	1.024451	0.248357	4.124916	3.71E-05	0.001391
C12orf40	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
CSNK1A1L	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPS12P23	1.617111	-3.3093	2.151623	-1.53805	0.124037	NA
HMGB1P14	1.539942	-0.09296	1.64952	-0.05636	0.955058	NA
HERC2P3	39.14978	1.307622	0.398804	3.278856	0.001042	NA
FGD6	85.45423	0.459068	0.320991	1.430156	0.152672	0.297294
OAZ2	2138.09	-0.08329	0.150715	-0.55261	0.580534	0.714368
ALX1	617.2539	0.163649	0.253641	0.645197	0.518799	0.665768
KCTD4	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
ZNF609	1262.079	-0.51486	0.160759	-3.2027	0.001361	0.012689
ATP5EP2	7.347821	0.793834	0.762098	1.041643	0.297577	NA
C11orf71	78.76077	-0.21123	0.280873	-0.75203	0.452032	0.610972
GLIPR1L2	11.25722	0.33281	0.615085	0.54108	0.588453	NA
	3.089165	-0.15942	1.157552	-0.13772	0.890461	NA
MAB21L1	1.176909	1.262874	1.942452	0.650144	0.515599	NA
SHISA2	17.53011	-2.5095	0.887634	-2.82717	0.004696	NA
SRSF8	2122.756	-0.02439	0.143847	-0.16957	0.865349	0.920317
SLC36A4	371.9805	0.840343	0.226763	3.705816	2.11E-04	0.004029
ZDHHC20	509.8659	0.761394	0.236611	3.21791	0.001291	0.012237
HOXC9	545.8576	0.189931	0.148869	1.275826	0.202017	0.35852
HOXC10	684.085	-0.1902	0.137258	-1.38574	0.165827	0.314993
C12orf36	0.758555	0.471868	2.553489	0.184794	0.853391	NA
CAPS2	21.96885	0.217083	0.498881	0.43514	0.663461	NA
ST20	51.20304	0.107894	0.318551	0.338701	0.734835	0.8322

LRRC57	376.4561	-0.02885	0.178516	-0.16162	0.871602	0.923482
GPR137C	24.69111	0.737013	0.481003	1.532244	0.125462	NA
AEN	1679.322	-0.08143	0.182369	-0.44651	0.655228	0.77237
TMEM132(	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TMEM136	221.9117	0.167326	0.17686	0.946089	0.344103	0.512195
HEPHL1	6.961029	0.008073	0.994165	0.008121	0.993521	NA
DDN	4.022025	1.17277	1.0424	1.125067	0.26056	NA
GPR135	16.16807	0.712886	0.540661	1.318543	0.187322	NA
RFX7	678.2467	0.11056	0.176226	0.627378	0.530411	0.675137
RNF41	1365.12	-0.18391	0.136883	-1.34358	0.179083	0.33162
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
COA4	1279.963	-0.09515	0.161391	-0.58954	0.555501	0.695329
PRKAG1	2621.419	-0.13253	0.132033	-1.00377	0.31549	0.482886
MRPS11	1490.58	-0.03037	0.146587	-0.20718	0.835871	0.901643
MGAT4C	0.096202	0.408546	4.079639	0.100143	0.920231	NA
IDH2	1803.536	-0.30633	0.166468	-1.84015	0.065747	0.167212
FAM181B	33.62164	-0.05964	0.37893	-0.15739	0.874939	NA
TMEM30B	1.810576	1.595827	1.631515	0.978126	0.328012	NA
NOP10	3109.515	0.232789	0.181793	1.280514	0.200365	0.356417
RAD51B	200.6724	-0.05427	0.183283	-0.29608	0.767168	0.855496
ARL6IP4	8.375433	0.212134	0.688736	0.308005	0.758079	NA
SHMT2	4338.366	-0.27557	0.137816	-1.99957	0.045547	0.130677
HHIPL1	83.20556	-0.23943	0.268251	-0.89257	0.372086	0.53876
GABRG3	13.99254	0.393414	0.574566	0.684714	0.493524	NA
C1S	31.88444	-0.3878	0.390225	-0.99379	0.320326	NA
DAOA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KBTBD3	94.76337	0.414826	0.242158	1.713038	0.086706	0.201984
NXPH4	19.29992	-0.17579	0.498437	-0.35269	0.724319	NA
TRAPPC6B	483.1919	0.793317	0.265697	2.985799	0.002828	0.020359
PGBD4	64.35332	0.224485	0.322809	0.695413	0.486797	0.639869
KCNK4	0.327913	1.543154	4.021063	0.383768	0.701151	NA
ORAI1	1680.647	-0.16732	0.153456	-1.09032	0.275573	0.441265
GLRX5	1793.309	-0.1338	0.141428	-0.94604	0.344128	0.512195
MFSD5	1566.087	-0.34241	0.15147	-2.26061	0.023784	0.085143
RNASE10	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NDN	1317.273	-0.21061	0.142833	-1.47451	0.140345	0.280568
NTM	1423.104	0.725674	0.240874	3.012666	0.00259	0.01932
TSKU	782.952	-0.40197	0.162294	-2.47679	0.013257	0.057233
ANXA2	44878.57	0.091257	0.199568	0.457274	0.647474	0.766201
HCAR2	1.564701	0.631505	1.640308	0.384991	0.700244	NA
CCDC87	6.931283	-0.85729	0.794195	-1.07945	0.280389	NA
TMEM198I	355.8365	-0.34522	0.167873	-2.05645	0.039739	0.119837
CRIP2	3802.612	-0.06621	0.128915	-0.51356	0.607559	0.73511
GALNT9	0.452561	2.061505	3.349456	0.615474	0.538241	NA
C11orf54	554.6508	0.784412	0.233406	3.360724	7.77E-04	0.008896
SRPR	4818.619	-0.29747	0.124593	-2.38755	0.016961	0.067758

ODF3L1	7.173345	-1.09971	0.781974	-1.40633	0.159626	NA
SPATA13	413.3062	-0.12646	0.224319	-0.56377	0.572911	0.708814
SOX1	1.114915	1.271012	1.991514	0.638214	0.523334	NA
MTA1	1422.615	-0.27942	0.140735	-1.98542	0.047098	0.133662
CADM1	2243.479	0.409639	0.234284	1.748472	0.080382	0.192008
C12orf60	78.26084	0.34023	0.267009	1.274229	0.202582	0.358825
SLC25A21	1.859833	0.149049	1.479696	0.100729	0.919765	NA
GAS6	329.9803	-0.28854	0.203194	-1.42004	0.155596	0.301452
BEGAIN	17.4554	-0.09803	0.497719	-0.19695	0.843865	NA
GPC6	1.353328	1.603733	1.750302	0.916261	0.35953	NA
GPR19	117.1226	-0.30629	0.301376	-1.01629	0.309489	0.476864
TMEM119	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
DAZAP2	4788.714	-0.15354	0.124713	-1.23115	0.218267	0.377746
JRKL	145.4363	0.673633	0.345993	1.946957	0.05154	0.141393
SYNDIG1L	0.746498	-1.433	2.535747	-0.56512	0.571994	NA
PMCH	1.843415	2.949948	1.749784	1.685893	0.091816	NA
SH2D7	5.210826	-0.20642	0.931077	-0.2217	0.824544	NA
GPR132	0.163957	0.424913	4.079006	0.104171	0.917034	NA
EP400	1246.024	-0.72954	0.230992	-3.15831	0.001587	0.01406
MEX3B	166.465	0.012306	0.222675	0.055264	0.955928	0.975764
FOLR4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SETD3	1646.613	0.3646	0.155187	2.34942	0.018803	0.072466
TNFAIP8L3	6.89169	2.00217	0.970789	2.062416	0.039168	NA
C11orf88	0.260158	1.240347	4.047124	0.306476	0.759242	NA
NDUFB1	2490.556	0.213951	0.184777	1.157888	0.24691	0.410366
KLHL25	228.9239	-0.42	0.239553	-1.75327	0.079556	0.190609
OPCML	2.241072	1.35339	1.434445	0.943494	0.345428	NA
LHFP	397.4525	0.282792	0.231433	1.221917	0.221739	0.382136
TBK1	690.1675	1.115736	0.246395	4.528239	5.95E-06	4.70E-04
NUDT14	486.6608	-0.18666	0.185824	-1.00451	0.315133	0.482549
HTR7P1	107.3002	-0.29965	0.250022	-1.19847	0.230733	0.392952
SETD8	503.0984	0.085906	0.164829	0.521181	0.602241	0.731363
DIABLO	165.247	-0.20578	0.215522	-0.9548	0.33968	0.508003
OR7E87P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LRTOMT	99.60515	-0.21361	0.242304	-0.88158	0.378006	0.544304
GOLGA6L4	0.260158	1.240347	4.047124	0.306476	0.759242	NA
SNRNP35	738.0974	0.098888	0.176659	0.559769	0.575637	0.710703
C11orf72	0.458885	0.577525	3.449278	0.167433	0.867029	NA
PCDH9	82.82406	0.203311	0.297242	0.683991	0.493981	0.645092
ACOT1	244.8069	-0.23866	0.249033	-0.95834	0.33789	0.506793
OAF	2457.641	-0.21469	0.154981	-1.38524	0.165979	0.31522
POU6F1	282.603	-0.49039	0.234622	-2.09012	0.036607	0.113399
PRKD1	1254.77	-0.23355	0.13287	-1.75773	0.078794	0.189295
MAML2	276.8442	-0.04649	0.205224	-0.22655	0.820772	0.892334
KNTC1	463.1678	0.418183	0.18085	2.312317	0.02076	0.077712
TMEM255E	27.49865	0.168748	0.441796	0.38196	0.702491	NA
SLITRK6	98.16466	1.732462	0.906993	1.910116	0.056118	0.149964

XPOT	2262.842	0.387158	0.174674	2.216457	0.02666	0.091691
NELL2	5.554469	0.668316	0.969881	0.68907	0.490779	NA
ATL3	1436.074	0.363593	0.209674	1.734088	0.082902	0.195915
NDUFA12	1227.729	0.199365	0.152191	1.309964	0.190208	0.344448
RPS17	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
BTBD6	1899.848	-0.08865	0.215562	-0.41124	0.680899	0.792077
JAG2	37.64613	0.104875	0.352581	0.29745	0.766123	NA
NOC4L	711.228	-0.31885	0.154086	-2.0693	0.038518	0.117204
CHRM5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TMEM121	306.8858	-0.01216	0.188117	-0.06465	0.948455	0.971147
SIVA1	1450.062	0.138814	0.179211	0.774588	0.438583	0.598665
BRI3BP	843.6848	-0.1667	0.248337	-0.67126	0.502053	0.65228
BRF1	1085.184	-0.34863	0.152708	-2.28298	0.022431	0.081935
SEMA4B	532.3591	-0.67876	0.171832	-3.95012	7.81E-05	0.002183
ANKS1B	51.51004	-1.25774	1.234445	-1.01887	0.308266	0.475536
FLRT2	184.8707	0.654911	0.286384	2.286833	0.022206	0.08135
RPS27L	6649.652	0.547375	0.158133	3.461477	5.37E-04	0.007049
ADSSL1	471.9925	-0.21642	0.186016	-1.16345	0.244645	0.407398
NDNL2	783.1924	0.001043	0.139021	0.007501	0.994015	0.997382
DDX51	662.9677	-0.24244	0.155174	-1.5624	0.118194	0.249499
TNFAIP2	101.0297	0.29698	0.331983	0.894564	0.37102	0.53772
PRPF39	341.3734	1.436388	0.287246	5.000557	5.72E-07	1.12E-04
ATP6V0A2	751.906	0.404647	0.165512	2.44482	0.014492	0.060538
C14orf80	321.5422	-0.46959	0.282976	-1.65948	0.097019	0.218619
HS6ST3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
METTL7A	382.7004	-0.78962	0.292279	-2.70158	0.006901	0.036755
PARPBP	283.4155	0.91809	0.210101	4.369759	1.24E-05	7.06E-04
STAC3	3.742926	0.814627	1.111397	0.732976	0.463573	NA
AHNAK2	81.49012	-0.32642	0.437355	-0.74634	0.455461	0.614347
SP1	1648.894	-0.29202	0.140594	-2.07708	0.037794	0.115644
ACTBP7	3.763486	0.769247	1.126925	0.682606	0.494856	NA
NDUFA4L2	3.50523	0.816397	1.066676	0.765365	0.444054	NA
SHC4	2758.883	0.341249	0.179782	1.898127	0.057679	0.152734
KRT79	0.536531	-2.91136	3.721629	-0.78228	0.434049	NA
ZFP36L1	1822.463	-0.14562	0.161146	-0.90368	0.366164	0.533342
NTF3	378.3107	0.64431	0.341171	1.888523	0.058956	0.155268
PMEL	251738	-0.69197	0.208454	-3.31953	9.02E-04	0.009727
EP400NL	100.1439	-0.00162	0.250732	-0.00646	0.994842	0.997872
C11orf87	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
MORF4L1	6352.231	0.252722	0.148878	1.697509	0.089601	0.20714
TRIM69	928.8567	-0.66304	0.19255	-3.44347	5.74E-04	0.007385
LAMP1	9771.273	-0.33884	0.148431	-2.28281	0.022441	0.081935
IRS2	3417.029	-0.40717	0.289683	-1.40555	0.159857	0.306994
FAM186A	0.916751	0.760304	2.340291	0.324876	0.745275	NA
GRK1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RASA3	2347.123	0.04949	0.188451	0.262613	0.792849	0.874397
ATP4B	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA

DLEU7	93.49168	0.716044	0.276268	2.591843	0.009546	0.045744
C15orf41	227.8306	0.050265	0.209473	0.239959	0.810362	0.886567
	0.574231	0.93227	2.49998	0.372911	0.709215	NA
TAS2R42	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CCDC84	118.7787	0.676716	0.219826	3.078411	0.002081	0.016597
BCL9L	1234.95	-0.5036	0.190598	-2.64222	0.008237	0.041392
POLR1D	2589.001	0.02922	0.160902	0.181599	0.855898	0.914361
SLC51B	0.096202	0.408546	4.079639	0.100143	0.920231	NA
KDM4D	62.43489	-0.45424	0.321965	-1.41085	0.158289	0.304828
GABRA5	7.050363	1.325147	0.815911	1.624131	0.104348	NA
PPP1CC	3081.958	0.198171	0.138402	1.431853	0.152186	0.296494
BACE1	1023.9	-0.3224	0.140166	-2.30011	0.021442	0.07946
GOLGA6L1	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA
GOLGA8R	0.75318	-2.10401	2.55086	-0.82482	0.409472	NA
GNG2	1929.597	0.086236	0.195519	0.441062	0.659168	0.775241
KTN1-AS1	60.12202	0.026819	0.293001	0.091531	0.92707	0.958156
FSD2	9.319227	1.054989	0.718792	1.467725	0.142179	NA
ARAP1	3025.542	-0.4669	0.139066	-3.35738	7.87E-04	0.008969
PDE2A	4.09818	0.18726	1.089342	0.171902	0.863515	NA
LRRC16B	59.28639	-0.29936	0.308881	-0.96917	0.332463	0.500806
BCDIN3D	62.80136	-0.04655	0.287189	-0.16208	0.871241	0.923353
CCDC42B	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
TPCN1	1525.19	-0.52313	0.131065	-3.99137	6.57E-05	0.001943
C1QL4	4.730481	0.543931	0.982782	0.553461	0.579948	NA
ZDHHC17	417.9057	0.900061	0.250364	3.595012	3.24E-04	0.005188
C14orf23	0.260158	1.240347	4.047124	0.306476	0.759242	NA
TMEM262	9.509042	0.232588	0.666436	0.349003	0.727087	NA
ENTPD5	609.9072	-0.21533	0.172968	-1.24489	0.213173	0.37186
HEATR4	6.678365	-0.12493	0.783399	-0.15947	0.873301	NA
NAP1L1	6061.075	0.581354	0.218248	2.663736	0.007728	0.039779
H1FNT	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DYNC2H1	754.2679	0.718492	0.564859	1.271984	0.203379	0.359805
CHP1	8655.889	-0.2268	0.142964	-1.58641	0.112646	0.241224
COL4A1	2482.307	0.155688	0.258537	0.602189	0.547049	0.688457
COX8C	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
TCL6	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DHRS4L2	166.424	-0.15746	0.207325	-0.7595	0.447553	0.607134
WHAMMP3	16.92909	0.806827	0.531104	1.519153	0.128724	NA
B3GALTL	1233.402	0.368136	0.167074	2.203432	0.027564	0.093874
KRT18P59	1.993937	1.135122	1.450207	0.782731	0.433785	NA
THSD4	7.245904	-0.20652	0.76072	-0.27147	0.786027	NA
MCRS1	1901.099	-0.19384	0.123695	-1.56707	0.117099	0.247716
FANCM	124.0972	1.212565	0.418335	2.89855	0.003749	0.02446
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
OVCH1	1.21484	0.621271	1.748506	0.355315	0.722353	NA
ARHGAP11	59.13938	0.241854	0.312144	0.774814	0.43845	0.59858
RILPL1	433.2861	-0.5009	0.224877	-2.22744	0.025918	0.09021

C11orf95	1400.096	-0.03831	0.212399	-0.18037	0.856861	0.914942
PLA2G4E	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MESP2	0.787148	-0.70094	2.357021	-0.29738	0.766174	NA
COMMD6	1085.856	0.407017	0.172282	2.3625	0.018152	0.070694
HYKK	95.44828	0.217316	0.316145	0.687393	0.491835	0.643353
C15orf62	23.32191	0.184968	0.481543	0.384115	0.700894	NA
OR6C6	0.989036	-0.99378	2.406119	-0.41302	0.67959	NA
GTF2F2	1091.987	0.472807	0.195499	2.41846	0.015586	0.063606
H3F3C	1.954397	0.097524	1.395751	0.069872	0.944295	NA
CSPG4P8	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SLC24A5	5331.681	0.107654	0.197692	0.544556	0.586059	0.71894
H2AFX	1956.179	-0.29107	0.20197	-1.44114	0.149544	0.293079
SERPINA5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LCTL	36.76497	0.282067	0.415268	0.679241	0.496985	NA
C15orf52	3131.555	-0.0053	0.224974	-0.02356	0.981203	0.990173
C12orf55	2.066793	1.103409	1.573842	0.701093	0.483245	NA
FAM154B	11.14673	0.379304	0.707141	0.53639	0.591689	NA
TMEM120E	404.7434	-0.46854	0.212877	-2.201	0.027736	0.09425
PLET1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SKOR1	5.520903	0.476744	0.863515	0.552097	0.580882	NA
NHLRC3	809.6816	0.314937	0.155863	2.0206	0.043321	0.126879
TMC3	2.564593	0.807492	1.44533	0.558691	0.576373	NA
LRRK2	563.931	0.413577	0.323142	1.279862	0.200594	0.356605
KCTD21	347.4668	-0.23591	0.171613	-1.37463	0.169245	0.319593
ALKBH2	287.1438	-0.05959	0.200382	-0.29739	0.766172	0.854855
ARID2	624.7348	0.187434	0.202047	0.927679	0.353574	0.521606
UBE2Q2P1	14.55667	1.021659	0.59087	1.729076	0.083795	NA
ZAR1L	0.162376	0.424913	4.079006	0.104171	0.917034	NA
C15orf61	98.92931	-0.33158	0.23868	-1.38923	0.164762	0.313625
HMGB1	2417.557	0.648593	0.168902	3.84005	1.23E-04	0.002922
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MYBPC1	0.518736	2.237423	2.7713	0.807355	0.419462	NA
OR6M1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SERPINA3	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RPS2P4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MPHOSPH8	783.4712	0.782712	0.353504	2.214151	0.026818	0.091994
ZBTB44	573.126	0.30126	0.184357	1.634115	0.102235	0.226262
FUT4	129.4718	-0.26455	0.244649	-1.08133	0.279549	0.445601
ZNF140	265.4556	0.459649	0.176358	2.606346	0.009151	0.044481
EVL	588.8199	-0.58875	0.221064	-2.66327	0.007739	0.039783
ZNF605	140.7782	0.940984	0.854658	1.101006	0.270894	0.436042
MYL6B	1343.483	-0.11915	0.171895	-0.69313	0.488226	0.641037
IPO4	14.48218	-0.47862	0.539085	-0.88784	0.374626	NA
NCOR2	4584.271	-0.55772	0.178482	-3.12479	0.001779	0.015024
ANAPC7	1154.269	-0.02381	0.147556	-0.16136	0.871806	0.923616
NACA	8307.338	0.484547	0.18881	2.566323	0.010278	0.048042
SLC22A25	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA

MMP1	293.9648	2.292503	1.511451	1.516756	0.129328	0.265763
GOLGA6L2(	0.727151	-0.55687	2.954176	-0.1885	0.850483	NA
TRAPPC4	1345.677	-0.11681	0.168769	-0.69211	0.488867	0.641594
TECPR2	2378.586	-0.58526	0.167702	-3.48987	4.83E-04	0.006662
LINC00173	4.644877	-0.35725	0.961209	-0.37166	0.710144	NA
STRN3	606.6009	0.538018	0.226647	2.373812	0.017606	0.069409
PPTC7	935.8432	0.426499	0.143438	2.973406	0.002945	0.020882
TOMM20L	2.534778	1.509919	1.390916	1.085558	0.277675	NA
SCN8A	44.98724	0.401741	0.389642	1.031053	0.302516	NA
ARHGEF12	5082.856	0.354682	0.149934	2.365589	0.018001	0.070292
HCAR1	1.939565	-1.92319	1.540988	-1.24802	0.212022	NA
SRGAP1	383.0869	-0.59551	0.233454	-2.55085	0.010746	0.049294
NOP9	1199.437	-0.37417	0.173178	-2.16062	0.030725	0.100759
ZNF705A	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CASP4	1575.373	0.461086	0.160225	2.877737	0.004005	0.025436
GMFB	2214.178	0.67373	0.19292	3.492269	4.79E-04	0.006641
DYNC1H1	16930.59	-0.50353	0.171885	-2.92945	0.003396	0.022819
PCBP2	3040.867	-0.42397	0.145114	-2.92165	0.003482	0.023241
SLC25A29	676.9305	-0.23964	0.154286	-1.55321	0.120373	0.25266
PCNXL3	1966.686	-0.69346	0.15515	-4.4696	7.84E-06	5.40E-04
NEK5	12.15423	0.879906	0.612211	1.437259	0.150644	NA
SERPINA1	87.42776	-0.17732	1.054699	-0.16812	0.866486	0.920772
LRP10	9537.304	-0.35223	0.180922	-1.94686	0.051552	0.141393
MRPL21	1034.869	0.085867	0.134814	0.63693	0.52417	0.670307
BNIP3P1	4.365928	-0.44958	1.00189	-0.44874	0.653622	NA
FBXL22	2.201304	-1.21337	1.317832	-0.92073	0.35719	NA
MYO5A	20529.35	0.325443	0.251143	1.295844	0.195029	0.350068
SIPA1L1	618.5515	0.0376	0.172479	0.217996	0.827432	0.895973
BCO2	4.373266	1.095796	1.047106	1.046499	0.295331	NA
MFAP5	0.326333	1.533889	3.826878	0.40082	0.688553	NA
MYH6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DNAH10	17.12546	0.075668	0.519811	0.145569	0.884262	NA
CBX3P7	46.97023	0.564041	0.5317	1.060824	0.28877	NA
NMB	218.6908	-0.13963	0.201876	-0.69165	0.48916	0.641907
RPS26	4364.121	0.06439	0.151599	0.424743	0.671024	0.784504
C14orf178	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HOXC6	379.1764	-0.03451	0.171723	-0.20097	0.840725	0.905184
KLHDC1	55.25219	0.595445	0.328028	1.815227	0.069489	0.173679
FAM118B	961.0234	0.176031	0.165112	1.066131	0.286364	0.4527
HIST4H4	12.58821	0.316697	0.591251	0.535639	0.592208	NA
SLC22A20	0.628146	-0.21495	3.102079	-0.06929	0.944756	NA
PRB3	0.785567	-0.70568	2.358063	-0.29926	0.764741	NA
TEAD4	455.166	-0.25003	0.191785	-1.30371	0.192333	0.346889
ERO1L	1097.577	0.274579	0.193572	1.418487	0.156049	0.301904
PCDH20	249.2389	1.223993	0.29357	4.169345	3.05E-05	0.001199
IRAK4	527.7625	0.641376	0.192335	3.334691	8.54E-04	0.0094
MRPL42	1147.283	0.704572	0.18384	3.832531	1.27E-04	0.002972

TUBA3C	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ZNF84	224.7956	0.974169	0.32495	2.997908	0.002718	0.019923
PRIM1	155.6022	0.332376	0.218928	1.518197	0.128965	0.265292
TMEM229E	1634.042	-0.6084	0.154697	-3.93282	8.40E-05	0.002288
	22.50343	0.044595	0.463525	0.096208	0.923355	NA
ZNF770	355.0509	0.890627	0.243982	3.650376	2.62E-04	0.004572
TFDP1	2404.005	0.004815	0.144351	0.033355	0.973391	0.985192
RPS6KL1	130.3467	-0.00478	0.279977	-0.01708	0.98637	0.992734
STYX	423.1448	0.680844	0.21684	3.139852	0.00169	0.014563
TMEM116	89.61963	0.073919	0.273932	0.269843	0.787281	0.871205
FAM109A	592.2171	-0.08216	0.178839	-0.45943	0.645929	0.764681
HYLS1	353.6419	0.038498	0.215888	0.178326	0.858467	0.916198
HOXC4	171.0157	-0.54755	0.218929	-2.50104	0.012383	0.054536
UVRAG	751.4198	0.008466	0.148977	0.056825	0.954684	0.974998
TPTE2P3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ZNF26	109.577	0.490483	0.235339	2.084155	0.037146	0.114411
TXNRD1	7550.004	0.353832	0.197738	1.789401	0.07355	0.180809
B3GNT6	0.324752	1.53082	4.022025	0.380609	0.703493	NA
ATL1	279.3248	0.221937	0.196559	1.12911	0.258851	0.423177
ITGBL1	1.139997	2.221426	2.048614	1.084356	0.278207	NA
KCNRG	1.15657	-0.18697	1.786779	-0.10464	0.916661	NA
WDHD1	233.3563	0.732398	0.288163	2.541606	0.011034	0.050236
MMP17	11520.93	-0.17037	0.135433	-1.25799	0.208397	0.365894
BAZ1A	565.283	1.000728	0.5901	1.69586	0.089912	0.207626
CALM1	9252.841	0.11586	0.149027	0.777442	0.436898	0.597357
FAM19A2	2.682954	1.258151	1.258455	0.999758	0.317428	NA
FAN1	443.1137	0.074549	0.168268	0.443037	0.657739	0.774252
CEP290	102.2863	0.730706	1.283534	0.569292	0.569158	0.705795
FAM179B	420.2129	0.645371	0.23465	2.750352	0.005953	0.033243
SMOC1	3.421976	2.168003	1.359694	1.594478	0.110829	NA
CDC42BPB	4364.88	-0.40734	0.155528	-2.61907	0.008817	0.043426
RASSF9	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SCAMP5	336.3794	-0.1717	0.196259	-0.87485	0.381655	0.547763
PNP	717.0787	0.121509	0.182985	0.664041	0.506664	0.655875
CHAMP1	587.5388	-0.79889	0.227136	-3.51721	4.36E-04	0.006267
ARHGAP11	507.0831	0.619664	0.232445	2.665857	0.007679	0.039564
RYR3	22.93417	0.515837	0.444885	1.159483	0.246259	NA
FICD	207.1002	-0.2564	0.199284	-1.28658	0.19824	0.35399
CIPC	551.119	-0.00577	0.160361	-0.03598	0.971296	0.984247
MIR412	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR148B	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIRLET7I	2.753587	-0.41429	1.161068	-0.35682	0.721226	NA
RNU6-834P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU4-39P	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SNORD9	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
RNU5A-1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RNU4-23P	1.08386	-1.26078	2.279484	-0.5531	0.580197	NA

SNORD115	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNA5SP383	1.867644	-0.67834	1.721248	-0.3941	0.693507	NA
RNU1-47P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
RN7SKP243	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU4-80P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-216P	0.327913	1.543154	4.021063	0.383768	0.701151	NA
RNU5B-1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU4-32P	0.682693	2.623213	2.518338	1.041645	0.297576	NA
RNU6-485P	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.575812	0.936922	2.776634	0.337431	0.735792	NA
RNU6-1017	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNA5SP349	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	9.767547	0.42182	0.686862	0.614126	0.539132	NA
SNORD8	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU4-1	1.957172	1.15993	1.516365	0.764941	0.444307	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
SNORD14E	1.446755	0.439331	1.610042	0.272869	0.784954	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-188P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-879P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RN7SKP71	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU4-24P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
RNU6-343P	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.940279	0.09645	2.075894	0.046462	0.962942	NA
RN7SKP239	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
RN7SKP9	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-1138	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNA5SP37	0.35636	1.709252	3.651833	0.468053	0.639746	NA
SNORD6	1.092967	2.10982	2.003899	1.052857	0.292406	NA
	0.653072	0.258115	3.011926	0.085698	0.931707	NA
RNU6-8	3.223784	0.989208	1.13607	0.870728	0.383902	NA
RNA5SP30	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU4-2	1.668917	-0.52368	1.657435	-0.31596	0.752033	NA
	80.51089	0.107507	0.347801	0.309107	0.75724	0.848416
	11.12161	0.558783	0.701847	0.796159	0.425939	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC00449	6.596207	-0.14137	0.764298	-0.18496	0.853257	NA
INF2	6473.493	-0.4089	0.175024	-2.33623	0.019479	0.074349
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	4.220616	-0.39002	0.977645	-0.39894	0.689935	NA
	0.689366	-1.56115	2.700123	-0.57818	0.563145	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	2.656648	1.201711	1.390789	0.86405	0.38756	NA
	13.90016	0.539555	0.595396	0.906212	0.364824	NA
	1.1119	0.46633	1.933926	0.241131	0.809453	NA
	3.464515	-0.24952	1.089822	-0.22896	0.818902	NA
NXPE2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SDHD	908.6419	0.110113	0.192479	0.572078	0.567269	0.704113
LAYN	447.0075	0.710214	0.353596	2.008548	0.044585	0.129054
CARD16	29.90437	0.497359	0.471979	1.053773	0.291987	NA
CASP12	0.616518	2.49285	2.980788	0.836306	0.402983	NA
LRCOL1	1.771507	0.854675	1.477668	0.578395	0.562998	NA
CNN2P12	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
ATXN2	895.0035	-0.27242	0.186174	-1.46324	0.143403	0.284812
TCTN1	673.1315	-0.26912	0.182193	-1.47713	0.13964	0.279776
FAM216A	149.3689	0.271517	0.214491	1.265866	0.205561	0.362584
MZT1	436.1566	0.441724	0.15919	2.774821	0.005523	0.031724
C12orf73	151.196	0.395649	0.211144	1.873831	0.060954	0.158996
TRIM13	624.4405	0.219342	0.182136	1.204277	0.228482	0.390128
COX17P1	4.959446	0.86577	0.944757	0.916395	0.35946	NA
GOLGA6L1(	1.033263	0.082415	2.175992	0.037875	0.969788	NA
SARNP	92.00666	0.229418	0.238746	0.960932	0.336587	0.505541
OR6C72P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PRR13	1069.384	-0.10151	0.144346	-0.70323	0.48191	0.636073
C15orf59	832.4065	-1.11864	0.24544	-4.55768	5.17E-06	4.24E-04
CCDC85C	232.765	-0.66229	0.18581	-3.56431	3.65E-04	0.005555
	1.725846	-0.23167	1.459515	-0.15873	0.873881	NA
DYNLL1P1	1.181439	-0.20977	1.987054	-0.10557	0.915925	NA
MUC19	0.813811	0.928591	2.591569	0.358312	0.72011	NA
LIN52	343.4439	0.104634	0.197004	0.531126	0.595331	0.725499
DPF3	16.5688	-0.82846	0.536853	-1.54318	0.122786	NA
LYRM5	210.602	0.499279	0.194703	2.564317	0.010338	0.048099
CATSPER2P	15.17374	-0.2393	0.558316	-0.42862	0.668201	NA
LOH12CR2	41.8635	-0.09783	0.381973	-0.25611	0.797863	NA
TPTE2P6	0.908083	3.025337	2.728641	1.108734	0.267545	NA
C1QTNF9B-	1.197073	1.305651	1.836533	0.710932	0.477126	NA
C1QTNF9B	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
RPS3AP47	7.956367	0.253152	0.794826	0.3185	0.750106	NA
C1RL-AS1	19.90167	0.367579	0.482267	0.762191	0.445946	NA
NYNRIN	532.2352	-0.91977	0.206048	-4.46387	8.05E-06	5.46E-04

	0.813811	0.928591	2.591569	0.358312	0.72011	NA	
GOLGA8O	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
HERC2P9	47.27451	0.816001	0.384056	2.124692	0.033612	0.107059	
	1.099787	-2.48189	2.397845	-1.03505	0.300646	NA	
ATP10A	2496.005	-0.45755	0.207966	-2.2001	0.0278	0.094335	
RNU6-1	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
SNORA70G	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
SNORD116	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
SNORD116	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.572651	0.928649	2.780261	0.334015	0.738368	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.851596	0.74818	2.455927	0.304643	0.760638	NA	
RNU6-36P	0.402398	-2.58771	4.018369	-0.64397	0.519595	NA	
RNY1P6	1.38705	-1.18656	1.632795	-0.7267	0.467408	NA	
RNU6-80P	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
RNU6-689F	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
RNU6-574F	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
SNORD59A	1.770073	0.275437	1.470334	0.187329	0.851402	NA	
SNORD116	0.35636	1.709252	3.651833	0.468053	0.639746	NA	
SNORD116	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
RNU6-16P	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.708364	0.219301	2.144998	0.102238	0.918568	NA	
SNORD116	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
RNU6-1157	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA	
RNU6-45P	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
SNORD116	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA	
SNORD116	1.531863	-0.70736	1.574423	-0.44928	0.653231	NA	
RNU6-83P	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
SNORA2B	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA	
RNY1P4	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
SNORD116	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
SNORD116	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA	
SNORD15B	1.036241	1.610618	2.405425	0.669577	0.503127	NA	
RNU6-19P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
SNORD116	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
MIR615	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA	
MIR619	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA	
MIR621	20.2572	-0.71416	0.504451	-1.41572	0.156859	NA	
MIR211	9.558167	0.385079	0.667123	0.577224	0.563788	NA	
MIR26A2	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA	
MIR34B	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
MIR613	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA	
MIR616	4.258344	-0.40106	0.965309	-0.41547	0.677796	NA	
DIO2	3.034513	1.968463	1.374074	1.432574	0.151979	NA	

STK38L	350.986	0.841751	0.251857	3.342173	8.31E-04	0.009276
SLC48A1	504.053	-0.35203	0.218074	-1.61425	0.106472	0.232543
TRAV18	0.706784	0.225544	2.334352	0.096619	0.923029	NA
TRAV19	0.556667	0.972496	2.522454	0.385536	0.699841	NA
TRAV20	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TRAV38-2D	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TRDC	0.384806	1.846216	3.999752	0.461582	0.644381	NA
TRAJ13	1.05261	-0.79	2.093679	-0.37733	0.705932	NA
TRAJ10	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TRAJ6	1.099787	-2.48189	2.397845	-1.03505	0.300646	NA
TRAJ5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TRAJ3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
IGHV3-53	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	21.89628	-0.69866	0.500479	-1.39597	0.162722	NA
TAS2R19	1.335561	2.492706	1.894034	1.316083	0.188146	NA
TAS2R15	2.02629	0.206442	1.452317	0.142147	0.886964	NA
TAS2R50	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TAS2R14	16.46604	0.692878	0.593931	1.166597	0.243373	NA
TAS2R13	0.624422	1.162588	2.733761	0.425271	0.670639	NA
RNA5SP37	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU1-149P	3.223152	0.068747	1.110916	0.061883	0.950656	NA
RNY3P6	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.238275	-0.45084	2.273975	-0.19826	0.842842	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNORA53	1.323098	2.407088	1.923019	1.251723	0.210671	NA
RNU6-466P	0.422534	1.924583	3.001758	0.641152	0.521424	NA
RNU6-808P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.168197	0.207413	1.302884	0.159196	0.873515	NA
	56.59085	0.255853	0.364003	0.702886	0.482127	0.636186
LINC00277	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
HNRNPA1P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.951447	1.007412	1.471129	0.684788	0.493477	NA
CRIP1	4.347302	-0.03171	1.054136	-0.03008	0.976002	NA
RPL7AP60	0.930591	1.843923	2.122799	0.868628	0.385051	NA
RPL13P6	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ST13P10	0.72077	0.527966	3.060238	0.172524	0.863025	NA
EEF1A1P16	2.535716	-0.30891	1.198026	-0.25785	0.796522	NA
RBMS2P1	8.040457	-0.27504	0.783429	-0.35107	0.725532	NA
	0.476449	0.524262	3.402674	0.154073	0.877552	NA
RPL6P25	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
IFITM9P	2.316301	-0.16482	1.342383	-0.12278	0.902282	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

HNRNPCP6	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	25.6154	0.142729	0.413147	0.345468	0.729743	NA
NPM1P50	1.025415	1.11532	2.099549	0.531219	0.595267	NA
PCNPP3	0.816972	0.936457	2.589651	0.361615	0.71764	NA
GAPDHP44	0.488709	2.119056	3.307564	0.64067	0.521737	NA
RPS3P6	0.622842	1.158846	2.735323	0.42366	0.671814	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ST13P11	0.424115	1.932531	3.45462	0.559405	0.575885	NA
PTPRCAP	14.73882	-0.43931	0.603179	-0.72832	0.46642	NA
	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA
RPL18AP3	134.8566	-0.05328	0.236173	-0.2256	0.821513	0.892561
	16.50028	0.885645	0.624066	1.419154	0.155854	NA
SIPA1	3078.898	-0.01179	0.231514	-0.05092	0.959387	0.977677
SYNJ2BP	359.2711	0.328136	0.208529	1.573574	0.115586	0.245656
ARL2	2700.767	-0.17234	0.13921	-1.23799	0.215719	0.374868
	6.974466	0.234262	0.801796	0.292171	0.770156	NA
HEXA	2535.365	-0.30293	0.14437	-2.09826	0.035882	0.111736
RPSAP54	3.930524	-0.51793	1.00031	-0.51777	0.604621	NA
RPS29	7954.279	0.302907	0.175176	1.729159	0.083781	0.197146
DDX47	12.4221	-0.25422	0.599993	-0.4237	0.671781	NA
	1.802483	-0.52384	1.643994	-0.31864	0.750001	NA
	1.405846	0.267018	1.884093	0.141722	0.887299	NA
LTB4R	19.05159	0.109581	0.504205	0.217335	0.827947	NA
LTB4R2	3.235558	0.010078	1.112256	0.009061	0.992771	NA
MDP1	3.864504	-0.2023	1.057335	-0.19133	0.848266	NA
IRF9	36.83968	0.316178	0.389466	0.811823	0.416893	NA
	1.176909	1.262874	1.942452	0.650144	0.515599	NA
	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
AP1G2	358.0889	-0.19568	0.238954	-0.8189	0.412842	0.576064
CARKD	1096.995	-0.16173	0.138344	-1.16904	0.242389	0.40535
GANC	1160.563	-0.07668	0.164267	-0.46683	0.640625	0.760601
ZNF891	33.47736	0.314831	0.38663	0.814295	0.415476	NA
PTMAP5	15.84053	0.211538	0.603626	0.350446	0.726004	NA
	3.437285	-0.40546	1.18878	-0.34107	0.733052	NA
RPS4XP1	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA
TUBBP2	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNURF	12.71502	1.715751	0.632838	2.711199	0.006704	NA
STARP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LGMNP1	15.49644	0.178889	0.535786	0.333882	0.738469	NA
ANG	101.0851	-0.28282	0.258147	-1.09557	0.273265	0.439144
RPL18P10	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
VSTM5	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	7.587319	-0.67706	0.757599	-0.8937	0.371485	NA
RCN1P2	48.75925	0.275458	0.330413	0.833679	0.404462	0.569031
PPME1	1446.39	-0.19632	0.143597	-1.36713	0.171585	0.322661
STARD10	814.2569	0.149724	0.272723	0.548995	0.583009	0.716522

ZNF705E	0.706784	0.225544	2.334352	0.096619	0.923029	NA
CPEB1	188.9966	-0.13417	0.194804	-0.68873	0.490993	0.642998
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	0.968668	-0.08001	2.195869	-0.03644	0.970935	NA
RPL21P1	0.803131	-0.76693	2.349822	-0.32638	0.744138	NA
	1.670148	0.750303	1.621208	0.462805	0.643504	NA
	31.98526	-0.21183	0.441478	-0.47982	0.631355	NA
DDX12P	85.487	-0.05052	0.264652	-0.19091	0.848596	0.909758
LINC00612	3.217323	-0.63032	1.178317	-0.53493	0.592699	NA
RPSAP55	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
C14orf182	79.02082	0.558636	0.328246	1.701882	0.088777	0.205541
PHB2	6685.312	-0.24616	0.124038	-1.98455	0.047195	0.13369
CD27-AS1	163.4341	0.058054	0.206424	0.281239	0.778527	0.864018
PRDX2P1	1.118436	1.112087	2.263211	0.491376	0.623161	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	3.539394	-0.66879	1.051204	-0.63621	0.52464	NA
GOLGA8B	33.54609	1.947515	0.580513	3.354818	7.94E-04	NA
DHRS4-AS1	141.03	-0.0332	0.254874	-0.13027	0.896352	0.939326
HOMEZ	163.0035	-0.42948	0.234625	-1.83048	0.067178	0.169519
C14orf164	10.7926	-0.92675	0.678416	-1.36606	0.171922	NA
	2.347465	0.521868	1.301692	0.400915	0.688482	NA
MRPL3P1	1.101075	0.447616	1.809417	0.247381	0.804613	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
MIR17HG	8.585096	1.045771	0.726367	1.439729	0.149944	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SIAH3	1.618965	-1.05912	1.584264	-0.66853	0.503798	NA
OR7E37P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CALM2P3	2.088733	-0.46612	1.368405	-0.34063	0.733384	NA
LINC00598	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	0.986086	0.883356	2.062196	0.428357	0.668391	NA
GRK6P1	2.223077	0.160383	1.360044	0.117925	0.906127	NA
ESRRAP1	0.672013	1.253691	2.607776	0.480751	0.630693	NA
	1.667584	0.663098	1.683543	0.393871	0.693676	NA
	55.71008	0.545087	0.315666	1.726781	0.084207	0.197795
ADAMTS7P	5.536364	-0.5861	0.938607	-0.62444	0.53234	NA
H2AFZP3	6.203955	-0.76943	0.890187	-0.86435	0.387398	NA
RPL31P52	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.490493	0.776209	2.895261	0.268096	0.788625	NA
TEX40	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.179201	-0.13697	0.975509	-0.14041	0.888339	NA
	1.079942	3.273783	2.61046	1.254102	0.209805	NA
	0.749217	0.7397	2.633289	0.280903	0.778784	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
MIR548L	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR548K	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SNORA34	0.651435	0.249629	2.788679	0.089515	0.928672	NA

	8.452807	-0.341	0.792082	-0.43051	0.666822	NA
C12orf61	15.71428	0.092675	0.518779	0.178641	0.858219	NA
PSMB11	0.163957	0.424913	4.079006	0.104171	0.917034	NA
POTEG	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU6-262F	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU6-101F	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU2-33P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNY5P8	0.899333	-0.26387	2.222941	-0.1187	0.905512	NA
RNU6-554F	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.933118	2.224537	1.741093	1.277667	0.201367	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
RNU2-51P	0.394291	0.298745	3.141711	0.09509	0.924243	NA
RNU2-7P	1.024164	-1.06815	2.390105	-0.4469	0.654944	NA
RN7SKP8	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SKP17	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNY3P8	1.621188	1.859647	1.660407	1.119994	0.262716	NA
RNU6-516F	6.195513	0.267439	0.977125	0.2737	0.784315	NA
RNU2-6P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GAPDHP69	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	5.950091	1.090689	0.87453	1.247172	0.212335	NA
CSNK1A1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
LINC00571	1.771654	0.279558	1.444842	0.193487	0.846577	NA
DNAJA1P1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	11.92172	-0.73798	0.594995	-1.2403	0.214863	NA
	0.681112	2.620532	2.519661	1.040033	0.298324	NA
ATP5C1P1	1.639904	-0.43485	1.659691	-0.262	0.793318	NA
GAPDHP55	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNHG14	845.937	0.37831	0.187895	2.013408	0.044072	0.127962
PTPN2P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00403	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC00297	0.774742	-0.40577	2.223483	-0.18249	0.855195	NA
	0.487129	2.123445	3.910539	0.543006	0.587126	NA
STK24-AS1	3.616451	-0.55447	1.027565	-0.53959	0.589478	NA
	1.94629	1.079575	1.452696	0.743153	0.457389	NA
	12.63693	0.148744	0.645216	0.230534	0.817677	NA
ATP5F1P1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
LINC00365	1.848857	-0.19382	1.495245	-0.12962	0.896865	NA
PDIA3P2	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	7.24198	0.6665	0.796021	0.837289	0.40243	NA
TEX26-AS1	0.785714	-3.2458	3.343263	-0.97085	0.331623	NA
	12.9738	0.424364	0.63978	0.663297	0.507141	NA
COL4A2-AS	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
YBX1P1	14.61979	-0.2136	0.555639	-0.38443	0.700662	NA
RPS4XP16	3.574565	0.849777	1.065626	0.797444	0.425193	NA

	0.911244	3.022036	2.332005	1.295896	0.195011	NA
LINC01034	1.078361	3.265254	2.293219	1.423874	0.154483	NA
TMEM233	1.544269	-1.01379	1.908871	-0.53109	0.595354	NA
	6.692583	0.177249	0.779117	0.2275	0.820035	NA
LINC01058	0.947944	-0.02704	2.20277	-0.01228	0.990206	NA
PSME2P2	62.0673	0.084732	0.318431	0.266092	0.790168	0.872781
GOLGA2P7	30.175	-0.33331	0.37785	-0.88211	0.377715	NA
LINC00618	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS12P26	0.583919	-1.6942	2.749224	-0.61625	0.537732	NA
	18.5892	0.125417	0.555248	0.225875	0.821299	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
SMARCE1P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CT62	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RBMS1P1	11.05148	0.943177	0.640735	1.472024	0.141014	NA
EDNRB-AS1	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
IPO7P2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.139355	-2.01403	2.05367	-0.9807	0.326743	NA
	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA
	0.736957	-1.0303	2.640699	-0.39016	0.696418	NA
	145.8737	0.53197	0.209479	2.539494	0.011101	0.050462
LINC00937	3.598859	0.138804	1.022933	0.135693	0.892064	NA
	2.530704	-0.99584	1.401627	-0.71049	0.477402	NA
CLCP2	0.384806	1.846216	3.999752	0.461582	0.644381	NA
EIF4A1P5	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
TEX22	10.03624	0.178812	0.653379	0.273673	0.784336	NA
	136.1179	-0.04253	0.212099	-0.20053	0.84107	0.905336
	1.760025	1.602275	1.820053	0.880345	0.378672	NA
OR8T1P	0.260158	1.240347	4.047124	0.306476	0.759242	NA
ADAM1B	1.131248	-0.36273	1.88105	-0.19283	0.847091	NA
	0.458885	0.577525	3.449278	0.167433	0.867029	NA
RPS7P10	3.165239	-0.04759	1.141752	-0.04168	0.966751	NA
RPL21P110	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC00343	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.336437	0.902978	1.396602	0.646553	0.517921	NA
IGBP1P1	0.672013	1.253691	2.607776	0.480751	0.630693	NA
PWWP2AP	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ANKRD20A	0.260158	1.240347	4.047124	0.306476	0.759242	NA
FAM66C	16.015	-0.13606	0.506307	-0.26873	0.788136	NA
OR7E101P	1.654727	0.113166	1.647441	0.068692	0.945235	NA
C14orf132	2745.773	-0.36345	0.13303	-2.73209	0.006293	0.034429
	106.1338	0.188543	0.284512	0.662688	0.50753	0.656489
	550.2232	0.020524	0.20012	0.102559	0.918313	0.952709
PARP1P1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
SMIM2-AS1	9.39097	1.006931	0.770238	1.307298	0.191112	NA

LINC00434	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RBM26-AS1	28.46376	0.752959	0.41055	1.834025	0.06665	NA	
FTH1P16	10.29492	-0.30592	0.628367	-0.48685	0.626365	NA	
	5.893531	-0.24375	0.950035	-0.25657	0.79751	NA	
NCAM1-AS	1.1988	0.520582	2.098288	0.248099	0.804058	NA	
RPL7P6	1.140347	0.579353	2.036091	0.284542	0.775995	NA	
LINC00376	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA	
ATP5G1P5	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	119.506	0.260156	0.222145	1.17111	0.241554	0.404634	
SLC9A7P1	7.403608	-0.66507	0.856118	-0.77684	0.437251	NA	
SUCLA2-AS	5.864462	0.231329	0.94249	0.245444	0.806112	NA	
PSPC1P1	0.508056	0.731032	2.861912	0.255435	0.798387	NA	
PRKRIRP6	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.584911	2.38756	2.690807	0.887303	0.374916	NA	
NPM1P22	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
PIN4P1	1.806984	-0.21108	1.611054	-0.13102	0.895759	NA	
DHX9P1	1.762197	-0.6745	1.464846	-0.46046	0.645189	NA	
C14orf144	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.938698	0.081169	1.915817	0.042368	0.966205	NA	
	1.492911	-0.25016	1.872222	-0.13362	0.893707	NA	
RPL15P18	2.821489	-0.82645	1.204481	-0.68615	0.492621	NA	
	0.354779	1.703954	3.657232	0.465914	0.641277	NA	
HOTAIR	9.982744	0.366337	0.63859	0.573666	0.566194	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	4.789858	-1.02054	0.949192	-1.07517	0.282299	NA	
FAM207BP	0.624422	1.162588	2.733761	0.425271	0.670639	NA	
HMGB3P4	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA	
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
UBAC2-AS1	26.56922	-0.75171	0.42953	-1.75008	0.080105	NA	
OR7E128P	1.443391	0.958388	1.70004	0.563744	0.572928	NA	
RPL5P32	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA	
MED4-AS1	0.422534	1.924583	3.001758	0.641152	0.521424	NA	
RPL41	5993.863	-0.07112	0.192291	-0.36986	0.711487	0.815575	
	4.938747	-0.90559	1.042728	-0.86848	0.385133	NA	
ANKRD10-I	22.33485	1.2129	0.496676	2.442035	0.014605	NA	
TRAC	27.49807	0.251473	0.474186	0.530325	0.595887	NA	
ADAM1A	15.90435	0.81391	0.538568	1.511249	0.130725	NA	
	20.95357	-0.32449	0.487118	-0.66613	0.505326	NA	
LINC00459	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
LINC00452	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
ANKRD26P	0.965158	1.861755	2.440023	0.763007	0.445459	NA	
RGS17P1	0.47961	0.535796	3.39605	0.15777	0.874638	NA	
PATL2	10.60637	0.232215	0.630013	0.368587	0.712435	NA	
MYCBP2-AS	0.424115	1.932531	3.45462	0.559405	0.575885	NA	
LINC00428	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
SACS-AS1	1.179712	0.701541	1.930555	0.363389	0.716315	NA	

LINC00341	107.9972	-0.38183	0.252783	-1.5105	0.130917	0.267383
KARSP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
EEF1DP3	21.10675	-0.15646	0.443123	-0.35308	0.724027	NA
ATP8A2P2	0.766634	1.516849	2.262991	0.670285	0.502676	NA
LIPT1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FNTAP2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
CNOT6LP1	0.402398	-2.58771	4.018369	-0.64397	0.519595	NA
FKBP1AP3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	2.946864	0.225162	1.229126	0.183189	0.85465	NA
STARD13-IT	0.096202	0.408546	4.079639	0.100143	0.920231	NA
OR6C5P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
GOLGA6L5I	5.662086	0.766998	0.946355	0.810476	0.417667	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	67.00966	0.048367	0.30236	0.159965	0.872909	0.924371
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
CCT5P2	0.802985	0.54709	2.208262	0.247747	0.80433	NA
	2.652138	-0.01633	1.243077	-0.01314	0.989516	NA
USP12-AS2	1.007648	2.051938	2.077812	0.987548	0.323374	NA
SMARCE1P	0.614937	2.493639	2.617677	0.952615	0.340785	NA
RPS6P23	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PPIHP1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	17.64901	-0.1929	0.611569	-0.31541	0.752448	NA
EEF1B2P1	1.078282	-2.71064	2.113412	-1.28259	0.199636	NA
FAM58DP	9.012845	-0.40247	0.703851	-0.5718	0.567454	NA
CLIC1P1	1.366537	0.235538	1.674427	0.140668	0.888132	NA
	0.517155	2.232561	3.179631	0.702145	0.482589	NA
IRX1P1	0.574231	0.93227	2.49998	0.372911	0.709215	NA
LINC00441	0.999644	-3.70618	2.616772	-1.41632	0.156682	NA
PTMAP4	24.84219	-0.09912	0.46694	-0.21227	0.831895	NA
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
DLEU2	29.60532	0.593646	0.390237	1.521243	0.128199	NA
	6.743483	-0.12688	0.850949	-0.14911	0.88147	NA
OGFOD1P1	3.907185	0.80505	1.047921	0.768236	0.442347	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TSPAN19	4.943722	0.738953	0.914493	0.808047	0.419063	NA
DOC2GP	1.055267	-0.21843	2.044568	-0.10683	0.914922	NA
	18.5375	0.112112	0.534723	0.209664	0.83393	NA
	19.14701	-0.25647	0.510941	-0.50196	0.615693	NA
SIK3-IT1	0.913173	1.256193	2.465498	0.509509	0.610396	NA
TMEM253	3.396914	0.128457	1.11968	0.114727	0.908662	NA
HCFC2P1	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
LINC00384	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ST13P4	3.405654	0.501711	1.101469	0.455492	0.648755	NA
RPLP1P13	0.258578	1.233151	4.047809	0.304646	0.760635	NA
FTH1P7	4.411179	-0.19126	1.072553	-0.17832	0.858472	NA
FTLP8	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC01047	0.873901	0.695147	2.212014	0.31426	0.753324	NA

ZDHHC20P	2.764323	0.075324	1.259021	0.059827	0.952293	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RASA3-IT1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RPL3P4	57.16923	-0.17392	0.321592	-0.5408	0.588642	0.721053
EEF1A1P3	2.149758	0.779682	1.404031	0.555317	0.578678	NA
LDHBP1	1.022583	-1.06903	2.182302	-0.48986	0.62423	NA
	4.301862	0.328265	0.950415	0.345391	0.7298	NA
COL4A2-AS	1.425973	0.261345	1.671539	0.15635	0.875757	NA
RPL34P27	1.071397	-1.5616	1.9555	-0.79857	0.424542	NA
CTAGE3P	0.458885	0.577525	3.449278	0.167433	0.867029	NA
RPS11P5	21.85286	0.135008	0.458002	0.294776	0.768165	NA
MRPS31P2	0.258578	1.233151	4.047809	0.304646	0.760635	NA
LINC00327	18.87619	0.700313	0.477408	1.466907	0.142401	NA
	1.821901	0.527314	1.486958	0.354626	0.72287	NA
LINC00456	12.38673	-0.69583	0.588124	-1.18313	0.236757	NA
LINC00167	1.947724	1.580121	1.487596	1.062198	0.288146	NA
MIPEPP3	7.615881	0.118808	0.823674	0.144242	0.885309	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
AK4P3	0.260158	1.240347	4.047124	0.306476	0.759242	NA
HMGA1P6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC01077	12.90717	-0.06252	0.620995	-0.10067	0.91981	NA
ST6GALNA(	0.816825	1.673341	2.21346	0.755984	0.449659	NA
RANP8	0.640406	1.11402	2.710977	0.410929	0.681124	NA
LINC00460	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
KRT8P39	0.913027	1.87659	2.13519	0.878887	0.379463	NA
CYP51A1P2	1.787491	0.838926	1.549277	0.541495	0.588166	NA
LINC00462	453.0131	-0.10942	0.223165	-0.49033	0.6239	0.747838
CALM2P4	0.326536	0.037056	3.842554	0.009644	0.992306	NA
RNASEH2B	1.385616	-2.9218	2.008356	-1.45482	0.145718	NA
GAS6-AS1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GOT2P3	1.785145	2.02495	1.632855	1.240129	0.214928	NA
LINC00284	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
ATP8A2P3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS3AP44	0.631307	-0.20384	3.097925	-0.0658	0.947537	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.631044	0.651097	1.064004	0.611931	0.540584	NA
NAP1L4P3	1.137783	0.40046	1.978632	0.202392	0.83961	NA
TCEB2P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
FHP1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	2.192993	-0.09431	1.365441	-0.06907	0.944934	NA
RPS26P47	1.357235	0.140439	1.935419	0.072562	0.942154	NA
RNF219-AS	1.082491	0.43074	2.021318	0.213098	0.83125	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL13AP2(	5.68644	0.545043	0.848966	0.642009	0.520868	NA
	35.39683	0.121877	0.457429	0.266439	0.789902	NA
	1.67288	-1.61584	1.528478	-1.05716	0.290441	NA

MAPKAPK5	96.63708	0.094074	0.252592	0.372436	0.709569	0.814163
OR2AT2P	0.488709	2.119056	3.307564	0.64067	0.521737	NA
	4.739025	-0.10566	1.010789	-0.10453	0.916746	NA
PCCA-AS1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
HMGN2P5	36.43418	-0.36278	0.408841	-0.88733	0.374901	NA
	1.867652	0.904046	1.572196	0.575021	0.565277	NA
LINC00412	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
RPS3AP6	48.89546	0.30645	0.328154	0.933861	0.350376	0.518371
PHBP13	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
TEX21P	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	1.068447	0.289228	2.237018	0.129292	0.897127	NA
LINC00940	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GAPDHP52	1.018642	-1.62775	2.390605	-0.68089	0.495938	NA
CHCHD2P8	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
C12orf75	994.3988	0.14879	0.241929	0.615017	0.538544	0.681093
PPP1R3E	238.4399	-0.39543	0.214872	-1.84031	0.065723	0.167212
KDM4E	0.628146	-0.21495	3.102079	-0.06929	0.944756	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MCF2L-AS1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
SMIM2-IT1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
RPL23AP69	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
DNM1P51	5.275331	0.136208	0.864166	0.157618	0.874758	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL29P30	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	90.83934	-0.03735	0.316819	-0.1179	0.906147	0.945762
ESRRAP2	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
EIF4A1P7	0.814253	-1.23545	2.246777	-0.54988	0.582405	NA
SNX19P2	2.836377	0.644165	1.159887	0.555369	0.578642	NA
	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
POU5F1P3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DICER1-AS1	16.29554	0.596445	0.516638	1.154473	0.248306	NA
ADAM21P1	1.654967	-0.2547	1.735485	-0.14676	0.883319	NA
	2.542728	0.557988	1.345426	0.41473	0.67834	NA
LINC00941	4.872573	0.487219	0.914862	0.53256	0.594339	NA
CPB2-AS1	12.40572	0.734894	0.654648	1.122579	0.261616	NA
COX7CP1	2.542397	-0.4133	1.282105	-0.32236	0.747178	NA
FABP5P2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MYCBP2-AS	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC00545	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC01069	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MYO16-AS1	0.35636	1.709252	3.651833	0.468053	0.639746	NA
SUCLG2P2	3.76165	0.5145	1.119782	0.459465	0.645901	NA
UBE2L5P	0.623045	0.091811	2.666142	0.034436	0.97253	NA
H3F3BP1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
HNRNPA3P	0.47961	0.535796	3.39605	0.15777	0.874638	NA

SNRPGP14	1.399513	-0.94631	1.712153	-0.5527	0.580467	NA
STARD13-A	2.993413	1.191992	1.335601	0.892476	0.372138	NA
	2.262146	0.489305	1.281353	0.381866	0.702561	NA
INTS6-AS1	6.895391	0.074815	0.851476	0.087865	0.929984	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	12.51679	0.33972	0.609607	0.557278	0.577338	NA
FABP5P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PRMT5-AS1	1.052464	0.310783	1.847086	0.168256	0.866382	NA
COX5BP6	3.230276	-0.39527	1.199369	-0.32957	0.741728	NA
LINC01065	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DLEU7-AS1	1.282798	0.172952	1.69878	0.10181	0.918908	NA
	1.160722	2.193377	1.991761	1.101225	0.270799	NA
	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
LINC00987	14.29693	0.91093	0.612104	1.488195	0.1367	NA
MAPK6PS3	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA
CKMT1B	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	11.34758	-0.19578	0.619549	-0.316	0.752001	NA
LINC01071	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.597964	0.416761	1.251379	0.333041	0.739103	NA
UBE2Q2P6	2.731508	1.316359	1.28786	1.022129	0.30672	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FRY-AS1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
KRR1P1	0.392711	0.292538	3.145221	0.09301	0.925895	NA
GGTA2P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.640609	0.042838	2.379511	0.018003	0.985637	NA
GOLGA2P5	8.871856	0.688393	0.769291	0.894841	0.370872	NA
	1.427903	-1.31794	1.795076	-0.7342	0.462829	NA
LINC00426	2.951455	-0.08069	1.27144	-0.06347	0.949395	NA
CASC4P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
TARDBPP2	0.411855	0.250456	3.097618	0.080854	0.935558	NA
SLC35E1P1	1.103647	3.314505	2.124646	1.560027	0.118754	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.140733	-1.35268	2.071057	-0.65314	0.513669	NA
	1.139152	-1.36402	1.928942	-0.70714	0.479482	NA
RNU7-166P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SCARNA12	1.85861	0.482468	1.468988	0.328436	0.742582	NA
RNU7-59P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNORD108	1.443594	0.453431	1.768231	0.256432	0.797617	NA
	0.650297	-2.03865	2.649751	-0.76937	0.441671	NA
SNORD127	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RPSAP4	2.126965	-0.80875	1.567017	-0.51611	0.605777	NA
RPL21P10	0.852156	0.629888	2.425889	0.259653	0.795132	NA

RBM14	895.3801	-0.60097	0.149426	-4.02182	5.78E-05	0.001791
	7.864145	-0.2059	0.721675	-0.28531	0.775405	NA
	1.321867	0.888794	1.796137	0.494836	0.620716	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RPL9P5	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPL37P2	48.33873	-0.27015	0.346597	-0.77945	0.435715	0.59671
	0.71919	0.510978	2.728734	0.187258	0.851458	NA
	97.34957	0.660228	0.354404	1.862925	0.062473	0.161813
RN7SL213P	0.518736	2.237423	2.7713	0.807355	0.419462	NA
SUGT1P3	5.041982	-0.06011	0.936039	-0.06422	0.948798	NA
RPL23AP1C	0.458885	0.577525	3.449278	0.167433	0.867029	NA
	2.20918	-0.44242	1.287664	-0.34358	0.73116	NA
RN7SL351P	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	2.655003	0.108486	1.212894	0.089444	0.928729	NA
	0.450981	2.057325	3.353149	0.61355	0.539513	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL587P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPS2P5	3126.885	-0.26798	0.138826	-1.93031	0.053569	0.145156
RPL36AP45	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RPL13P5	90.66876	-0.11663	0.272186	-0.4285	0.668288	0.782242
RPL9P3	0.601483	-1.7332	2.729494	-0.63499	0.525436	NA
	2.632763	1.204797	1.291257	0.933042	0.350798	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RN7SL472P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS19P3	15.04233	0.287811	0.555866	0.517771	0.604618	NA
RN7SL331P	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RN7SL38P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	8.451452	-1.00783	0.717621	-1.40441	0.160198	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
ARHGEF25	387.8174	-0.18014	0.161579	-1.11488	0.264901	0.429314
RPL15P2	0.326536	0.037056	3.842554	0.009644	0.992306	NA
RPL4P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL23AP64	7.838431	0.287132	0.746616	0.384578	0.70055	NA
RN7SL459P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL29P24	0.968668	-0.08001	2.195869	-0.03644	0.970935	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL5P1	2.783208	0.178505	1.260212	0.141646	0.887359	NA
	6.273313	0.330079	0.891758	0.370144	0.711275	NA
	2.883233	2.214892	1.438507	1.539715	0.12363	NA
RN7SL809P	0.586491	2.39072	2.689057	0.889055	0.373973	NA
	2.720828	0.886028	1.22997	0.720366	0.4713	NA
RPL36AP43	0.652869	1.292592	2.374873	0.544278	0.58625	NA
	8.577369	0.37333	0.748145	0.499008	0.617774	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	1.101075	0.447616	1.809417	0.247381	0.804613	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA

RPL31P49	5.052267	-0.38978	0.930686	-0.41881	0.675356	NA
RN7SL10P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPSAP52	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.018713	1.086497	2.092548	0.519222	0.603606	NA
RN7SL390P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.452561	2.061505	3.349456	0.615474	0.538241	NA
PLEKHO2	2848.939	-0.44905	0.130414	-3.44327	5.75E-04	0.007385
RPL32P26	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RPL7AP2	0.736607	1.395844	2.318642	0.602009	0.547168	NA
HYPK	14.20291	0.302233	0.626659	0.482293	0.629598	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL7AP6	18.42248	0.085006	0.58065	0.146398	0.883607	NA
RPS20P33	2.041297	0.149622	1.411528	0.106	0.915582	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
RPL5P3	0.586491	2.39072	2.689057	0.889055	0.373973	NA
	0.631307	-0.20384	3.097925	-0.0658	0.947537	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
RN7SL683P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.659753	-0.00581	2.629089	-0.00221	0.998237	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
C15orf38	494.7522	-0.50551	0.168927	-2.99246	0.002767	0.020111
RPL21P11	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	0.831228	1.631574	2.456512	0.664183	0.506573	NA
RN7SL529P	3.986369	-1.24414	0.989977	-1.25674	0.208849	NA
CCDC169	30.38053	1.351557	0.406236	3.327023	8.78E-04	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	3.697751	-0.20305	1.102831	-0.18412	0.853922	NA
STRC	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
RN7SL239P	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RN7SL737P	4.010794	1.638452	1.088017	1.505907	0.132091	NA
UBA52P3	0.631307	-0.20384	3.097925	-0.0658	0.947537	NA
RPS11P6	4.544631	-0.35603	1.05273	-0.3382	0.735215	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPS6P16	0.162376	0.424913	4.079006	0.104171	0.917034	NA
FGF14-IT1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL3P3	1.099787	-2.48189	2.397845	-1.03505	0.300646	NA
	1.239709	0.808051	1.989464	0.406165	0.684621	NA
RPL35AP32	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA

MRPS31P5	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL5P30	1.39773	-0.43577	1.63096	-0.26719	0.789323	NA
	6.393591	-0.49725	0.839425	-0.59237	0.553606	NA
RPS4XP14	1.306686	-0.48448	1.881729	-0.25747	0.796819	NA
PLA2G4B	2.019792	-0.18807	1.448619	-0.12983	0.896704	NA
RPL21P116	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
JMJD7	2.207037	0.007309	1.447076	0.005051	0.99597	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.804566	0.545894	2.033578	0.26844	0.78836	NA
RN7SL67P	6.16097	1.17684	0.969312	1.214099	0.22471	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
RPL13AP2	0.824933	-0.18668	2.233587	-0.08358	0.933393	NA
RN7SL417P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPS12P20	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.793683	0.370036	2.527443	0.146407	0.8836	NA
RPS6P22	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL30P11	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
RPL12P33	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	1.060368	-0.45434	2.030513	-0.22376	0.822947	NA
	1.832453	-0.75045	1.601513	-0.46859	0.639363	NA
N4BP2L2	487.1816	0.940265	0.279405	3.365244	7.65E-04	0.00881
GABPB1-AS	72.43765	0.154469	0.305352	0.505871	0.612947	0.739743
	2.414891	1.483519	1.358407	1.092102	0.274788	NA
	3.654921	-0.1225	1.10877	-0.11048	0.91203	NA
A2M-AS1	11.69529	-0.67408	0.665803	-1.01244	0.311329	NA
ARAP1-AS2	1.033466	-0.7302	1.946441	-0.37515	0.707552	NA
	4.84627	0.245993	0.889018	0.276702	0.782009	NA
EEF1A1P4	5.915188	-0.38467	0.85364	-0.45062	0.652263	NA
USP2-AS1	2.280196	2.527188	1.647676	1.533789	0.125082	NA
	6.204949	-0.77867	0.866429	-0.89871	0.368805	NA
NEAT1	2431.345	1.288125	0.207646	6.203472	5.52E-10	5.95E-07
	1.98685	2.287057	1.615946	1.415305	0.156979	NA
	30.53494	0.47002	0.390137	1.204757	0.228297	NA
DDX11-AS1	13.79744	-0.53183	0.553149	-0.96145	0.336325	NA
	3.734383	-1.03366	1.112721	-0.92895	0.352914	NA
	19.86412	-0.1936	0.45775	-0.42295	0.672333	NA
	3.008385	0.062782	1.190885	0.052719	0.957956	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.526916	0.456861	1.739807	0.262593	0.792864	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
RAD51-AS1	39.5717	0.138551	0.403099	0.343714	0.731061	NA
	13.40024	0.179171	0.601108	0.298067	0.765652	NA
	3.752429	-0.64717	1.101257	-0.58766	0.55676	NA
RAB30-AS1	47.5124	0.421885	0.323678	1.303411	0.192434	0.346996
LINC00900	82.57411	-0.48444	0.258004	-1.87764	0.060431	0.158077

	0.326333	1.533889	3.826878	0.40082	0.688553	NA
KCTD21-AS	26.70192	-0.32951	0.400648	-0.82244	0.410826	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	1.335764	1.644383	1.880121	0.874615	0.381783	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	43.41838	0.418262	0.331751	1.260771	0.207391	NA
	8.043721	-0.19341	0.849656	-0.22764	0.819928	NA
	1.118785	-0.60441	1.92382	-0.31417	0.753389	NA
RASSF8-AS1	272.2867	0.157309	0.245696	0.640259	0.522004	0.668506
H2AFJ	3640.073	-0.29408	0.181986	-1.61593	0.10611	0.231919
	1.285748	-1.30211	1.957858	-0.66507	0.506007	NA
	0.806146	0.553068	2.206737	0.250627	0.802102	NA
DNM1P35	4.537878	-0.97632	0.933645	-1.04571	0.295696	NA
	11.16733	-0.21274	0.707579	-0.30066	0.763674	NA
UBAP1L	440.4702	-0.23267	0.31279	-0.74384	0.456972	0.615377
SOCS2-AS1	235.2461	0.573432	0.287539	1.994279	0.046122	0.131911
PGAM5	769.9283	-0.38783	0.177785	-2.18149	0.029148	0.097036
SNHG10	49.48539	-0.19786	0.3224	-0.61371	0.539408	0.681722
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	14.28345	0.430259	0.563529	0.763508	0.445161	NA
	3.574768	0.615445	1.045416	0.588708	0.556057	NA
UBL7-AS1	48.778	0.007333	0.328571	0.022318	0.982194	0.990311
	1.401882	2.193078	1.965211	1.11595	0.264443	NA
	0.640406	1.11402	2.710977	0.410929	0.681124	NA
	13.47165	0.517551	0.608774	0.850153	0.39524	NA
DNAJC3-AS	17.26775	0.773752	0.560197	1.381214	0.167213	NA
	16.03473	0.113446	0.499901	0.226937	0.820473	NA
	5.624361	-0.38084	0.901343	-0.42253	0.672639	NA
OIP5-AS1	2555.608	0.399291	0.163321	2.444832	0.014492	0.060538
	0.853176	0.733892	2.189324	0.335214	0.737464	NA
	3.283206	0.164504	1.078272	0.152563	0.878743	NA
	4.01558	0.500928	1.319698	0.379578	0.704259	NA
	184.6749	-0.06356	0.228034	-0.27874	0.780442	0.865414
	6.862706	0.605981	0.87752	0.690561	0.489842	NA
	2.170891	-0.41034	1.428667	-0.28722	0.773943	NA
LINC00926	6.135989	0.085949	0.854683	0.100563	0.919897	NA
DYNLL1-AS	185.9854	-0.03494	0.206434	-0.16925	0.8656	0.920414
	4.167163	0.471009	1.116196	0.421977	0.673042	NA
DPH6-AS1	4.612581	0.165864	1.003248	0.165327	0.868686	NA
	6.115823	0.550027	0.838459	0.655997	0.511826	NA
	7.440335	-0.04402	0.846462	-0.05201	0.958522	NA
WHAMMP2	8.785492	2.1251	0.801806	2.650392	0.00804	NA
GAPDHP61	0.747876	-0.62091	2.562446	-0.24231	0.80854	NA
SRP14-AS1	126.7058	0.205954	0.225526	0.913219	0.361128	0.528409
	0.850576	0.626886	2.42682	0.258316	0.796163	NA
DSTNP2	99.07425	0.097534	0.264835	0.368283	0.712662	0.816474
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

RBM14-RBI	5.305933	0.676901	0.919363	0.736271	0.461565	NA
	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
CCDC153	11.08961	0.316564	0.669713	0.472686	0.636437	NA
ACTN3	1.370624	-0.08357	2.026746	-0.04123	0.967111	NA
FMN1	9019.585	-0.16739	0.199497	-0.83906	0.401434	0.566143
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.555087	0.973802	2.808575	0.346725	0.728798	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PGAM1P9	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
GAPDHP70	1.296007	-1.20838	1.886673	-0.64048	0.521858	NA
	78.64024	-0.11298	0.372835	-0.30304	0.761858	0.851908
LINC00942	1.341885	1.595113	1.923255	0.829382	0.406888	NA
HOXC13-AS	1.465513	1.689182	1.843746	0.916168	0.359579	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.901714	1.59349	1.67874	0.949218	0.34251	NA
	159.6858	-0.56331	0.290291	-1.94052	0.052317	0.142676
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
C15orf38-A	1.114915	1.271012	1.991514	0.638214	0.523334	NA
	0.910455	-0.74751	2.116266	-0.35322	0.723924	NA
DNAH10OS	5.740727	-0.32516	0.853599	-0.38093	0.703254	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	18.97635	0.16757	0.489203	0.342537	0.731947	NA
HOXC-AS2	7.700602	-0.84264	0.715364	-1.17791	0.238832	NA
FZD10-AS1	1.640738	0.753093	1.709688	0.440486	0.659585	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	52.94507	0.191165	0.296827	0.644027	0.519558	0.666597
	5.983388	-0.06815	0.876239	-0.07777	0.93801	NA
LINC00617	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.024164	-1.06815	2.390105	-0.4469	0.654944	NA
HOXC-AS1	22.05389	-0.07859	0.434976	-0.18068	0.856621	NA
	11.33578	0.440564	0.891553	0.494153	0.621198	NA
GPR162	17.24243	0.157003	0.507177	0.309563	0.756894	NA
	1.834308	0.474853	1.555301	0.305313	0.760128	NA
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.6908	0.277604	2.346083	0.118327	0.905809	NA
	626.289	-0.25269	0.140576	-1.79756	0.072247	0.178615
	6.14547	0.54166	0.972095	0.557209	0.577385	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.55407	-1.15016	2.33721	-0.49211	0.622642	NA
	201.0937	-0.17619	0.23492	-0.75	0.453257	0.61221
	16.95504	0.741511	0.562345	1.318605	0.187301	NA

	1.227246	0.674628	1.847001	0.365256	0.71492	NA
SLC25A30-/	1.580685	0.588029	1.561672	0.376538	0.706517	NA
	3.242499	-0.16236	1.077264	-0.15071	0.880201	NA
HOXC-AS3	7.916615	-0.67556	0.761367	-0.8873	0.374918	NA
	1.347981	-1.54787	1.827445	-0.84701	0.396988	NA
	1.820264	0.374755	1.447466	0.258904	0.795709	NA
	1.214637	1.27501	1.967912	0.6479	0.51705	NA
	3.694193	-0.19766	1.251748	-0.15791	0.87453	NA
MALAT1	2179.287	1.162575	0.292179	3.978975	6.92E-05	0.002018
	62.20918	-0.10712	0.294003	-0.36433	0.715608	0.81867
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PRB1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNA5SP38	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	5.066916	0.546293	0.879206	0.621349	0.53437	NA
SNORD116	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SCARNA11	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU6-415F	1.812737	-1.90001	1.779242	-1.06788	0.285576	NA
RNU6-327F	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
RNU7-40P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNA5SP39	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU6-539F	0.260158	1.240347	4.047124	0.306476	0.759242	NA
SCARNA13	2.712042	-0.27924	1.363112	-0.20486	0.837685	NA
RNU6-126F	0.49029	2.123092	3.304282	0.642527	0.520531	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU7-111F	14.29487	-0.5343	0.568534	-0.93979	0.347327	NA
SCARNA14	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-273F	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNA5SP36/	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SKP11	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-64P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-1315	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR2116	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	10.98513	0.61326	0.614899	0.997334	0.318603	NA
	0.778894	2.823374	2.403613	1.174637	0.24014	NA
SERPINE3	16.96413	0.520713	0.527817	0.986541	0.323868	NA
	4.3544	-0.03958	0.937379	-0.04223	0.966318	NA
IGHV3-52	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ALG11	246.2074	0.446854	0.184697	2.419384	0.015547	0.063532
ATXN7L3B	1877.046	-0.24604	0.134177	-1.83369	0.0667	0.168708
TPTE2P1	6.192955	-0.08995	0.912038	-0.09863	0.921432	NA
UTP14C	564.7907	0.60425	0.196547	3.074325	0.00211	0.016753
ALG1L10P	3.234473	-1.11855	1.212694	-0.92237	0.356336	NA
	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA

	1.750092	-0.41542	1.662801	-0.24983	0.802719	NA	
	468.3954	-0.69719	0.258637	-2.69564	0.007025	0.037215	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	7.458852	0.695051	0.844705	0.822833	0.410603	NA	
	109.458	-0.69897	0.277332	-2.52034	0.011724	0.05241	
	2.141707	1.764114	1.462683	1.206081	0.227786	NA	
OR7E11P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
SF3A3P2	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
HIGD1AP1(	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	2.648569	0.862988	1.338033	0.644968	0.518948	NA	
	20.55458	0.426989	0.501	0.852274	0.394062	NA	
AP5B1	1270.694	-0.44486	0.160891	-2.76497	0.005693	0.03235	
OR2AT1P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
PTP4A2P2	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA	
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
RANP3	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	1.120365	-0.61682	2.073914	-0.29742	0.766148	NA	
CHMP4A	12.62081	0.461139	0.591333	0.779831	0.435491	NA	
	0.862836	1.736629	2.194323	0.791419	0.4287	NA	
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
OMP	1.645774	-1.39946	1.608559	-0.87001	0.384296	NA	
MTND2P2(	0.326333	1.533889	3.826878	0.40082	0.688553	NA	
MAGEL2	1.454862	-0.58515	1.616608	-0.36196	0.717381	NA	
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA	
OR7E126P	0.793886	-0.43778	2.212663	-0.19785	0.84316	NA	
	4.142692	1.533768	1.164086	1.317573	0.187647	NA	
	0.792306	-0.44145	2.21354	-0.19943	0.841926	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	9.700948	0.102745	0.690477	0.148802	0.88171	NA	
	47.04734	0.192203	0.33435	0.574857	0.565388	0.702734	
	0.725928	0.181819	2.321433	0.078322	0.937572	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA	
	0.420954	1.923376	3.462803	0.555439	0.578594	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	3.311384	-0.51928	1.250045	-0.41541	0.677841	NA	
	0.717609	0.516981	3.063469	0.168757	0.865988	NA	
STT3A-AS1	0.82213	0.50433	2.197682	0.229483	0.818494	NA	
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA	
	1.910944	0.085569	1.452676	0.058904	0.953028	NA	
OSBPL9P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	15.30307	0.347611	0.557908	0.623062	0.533244	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	

	3.336611	3.058139	1.369167	2.233577	0.025511	NA
COPS8P3	0.668852	1.246964	2.610519	0.477669	0.632886	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
SENCR	0.883349	-0.20011	2.228601	-0.08979	0.928451	NA
	1.694885	-1.50313	1.723959	-0.87191	0.383259	NA
PTP4A1P6	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.102655	0.449766	1.809137	0.248608	0.803664	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NAP1L1P1	2.652053	0.796077	1.344113	0.59227	0.55367	NA
	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	9.637127	0.204644	0.695706	0.294154	0.768641	NA
FDPSP4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TFAMP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	39.91681	0.760697	0.406286	1.872319	0.061163	NA
	0.624422	1.162588	2.733761	0.425271	0.670639	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	14.80269	-0.45989	0.551817	-0.83341	0.404611	NA
	0.68922	0.287127	2.605675	0.110193	0.912256	NA
	2.700895	-0.37548	1.18548	-0.31673	0.751447	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	3.490623	1.092801	1.098535	0.99478	0.319843	NA
SCARNA9	4.277702	1.118365	1.121699	0.997028	0.318751	NA
	0.71919	0.510978	2.728734	0.187258	0.851458	NA
	14.49186	0.282269	0.5659	0.498797	0.617923	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	1.263248	1.409426	2.009206	0.701484	0.483001	NA
ATP5F1P5	12.97561	0.505837	0.578037	0.875096	0.381522	NA
ALG1L9P	4.705116	-0.76797	0.978669	-0.7847	0.432627	NA
RSF1-IT2	0.815391	0.931626	2.360431	0.394685	0.693076	NA
DPP3	2539.475	-0.43245	0.130466	-3.31468	9.17E-04	0.009804
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
TCEB1P22	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ARL6IP1P3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	23.52934	-0.04539	0.434524	-0.10446	0.916804	NA
	2.981043	1.120101	1.193578	0.93844	0.348018	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	9.335594	-0.29312	0.64205	-0.45653	0.648007	NA
GRM5-AS1	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA

	4.254992	-1.20277	1.001714	-1.20071	0.229863	NA
	3.020512	-0.84213	1.218712	-0.691	0.489568	NA
	0.708364	0.219301	2.144998	0.102238	0.918568	NA
OVOL1-AS1	0.629726	-0.22725	2.732935	-0.08315	0.93373	NA
	66.8297	-0.57532	0.287749	-1.99937	0.045568	0.130706
	9.221146	-0.10059	0.68248	-0.14738	0.882828	NA
	48.70628	-0.27296	0.325474	-0.83867	0.401656	0.566389
	10.60164	-0.37679	0.656795	-0.57368	0.566184	NA
EID3	11.21681	0.571513	0.775332	0.737121	0.461049	NA
	1.493785	0.546363	1.627789	0.335647	0.737137	NA
	3.329673	0.51225	1.128749	0.453821	0.649958	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
DDX18P5	0.94967	-2.20819	2.817377	-0.78378	0.433171	NA
SETP17	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.47961	0.535796	3.39605	0.15777	0.874638	NA
	1.331352	0.018035	1.822963	0.009893	0.992107	NA
	1.073823	2.138376	2.047615	1.044325	0.296335	NA
	66.46906	-0.07546	0.29352	-0.25707	0.797121	0.877181
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
TCEB2P2	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
WTAPP1	0.681461	0.491544	3.066278	0.160307	0.87264	NA
EID1	2058.087	0.635073	0.226239	2.80709	0.004999	0.029618
	2.505689	-0.39071	1.208862	-0.32321	0.746537	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
ENPP7P8	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	16.3695	-0.48125	0.530973	-0.90635	0.364748	NA
	3.588566	-0.60795	1.08586	-0.55988	0.575562	NA
	1.130898	1.215321	1.814636	0.669732	0.503028	NA
	2.336428	-0.1932	1.251564	-0.15437	0.877321	NA
NOX5	0.892891	-0.69406	2.402721	-0.28886	0.772685	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TAS2R43	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	2.33742	0.998267	1.333492	0.748612	0.454091	NA
TBX5-AS1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RSF1-IT1	0.536503	0.87599	3.23231	0.27101	0.786383	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.862836	1.736629	2.194323	0.791419	0.4287	NA
	0.749217	0.7397	2.633289	0.280903	0.778784	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.709944	0.232855	2.332364	0.099837	0.920474	NA
	61.63181	0.112617	0.286721	0.392775	0.694486	0.802997

	32.27793	0.210788	0.474413	0.444313	0.656816	NA
	1.434495	-0.14593	1.626958	-0.08969	0.928531	NA
	0.682896	1.412658	2.61672	0.539858	0.589295	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	2.86757	0.334717	1.197728	0.27946	0.779892	NA
	55.24623	0.205429	0.327238	0.627766	0.530157	0.675004
POLR2M	367.5482	0.517764	0.190145	2.722995	0.006469	0.035132
	2.200512	0.353205	1.395128	0.25317	0.800137	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FDXACB1	48.99082	-0.02005	0.31521	-0.06359	0.949293	0.9717
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC00925	1.503831	-0.03766	1.734351	-0.02172	0.982674	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.033319	0.349745	2.005511	0.174392	0.861557	NA
	23.103	-0.06937	0.461544	-0.1503	0.88053	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PABPC1P4	5.191893	0.182245	0.915436	0.199079	0.842201	NA
FAM222A-/	3.491767	-0.74146	1.069324	-0.69339	0.488065	NA
	1.180005	-1.57876	2.139972	-0.73775	0.460668	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.574231	0.93227	2.49998	0.372911	0.709215	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
SNHG1	813.6945	0.223641	0.199888	1.11883	0.263213	0.427592
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HNRNPABP	0.420954	1.923376	3.462803	0.555439	0.578594	NA
AGAP2-AS1	258.8503	-0.10708	0.191707	-0.55856	0.576462	0.711426
	1.269344	-2.06734	1.94024	-1.06551	0.286646	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.590133	0.039996	1.513994	0.026417	0.978925	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RMST	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TAS2R20	0.584911	2.38756	2.690807	0.887303	0.374916	NA
	0.853323	-0.46916	2.317774	-0.20242	0.839588	NA
TMEM5-AS	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
PXN-AS1	42.48497	0.002375	0.334914	0.007093	0.994341	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	18.82327	-0.06498	0.474275	-0.13701	0.891023	NA

	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DENND5B-/	2.939049	0.014517	1.164267	0.012469	0.990052	NA
LINC00346	6.565849	0.311811	0.785221	0.3971	0.691294	NA
	2.337834	1.382708	1.380207	1.001812	0.316434	NA
	0.582339	-1.69412	2.750801	-0.61586	0.537985	NA
	27.64948	-0.24131	0.439537	-0.54901	0.582999	NA
	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
	5.819104	-0.23193	0.818327	-0.28342	0.776853	NA
	0.747636	0.735436	2.634453	0.279161	0.780122	NA
	1.362427	2.544836	1.926007	1.321302	0.186401	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	1.98028	0.149202	1.410595	0.105773	0.915763	NA
PSMC1P9	0.651085	2.534961	3.013697	0.841147	0.400266	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.754301	1.32931	1.726412	0.769984	0.441309	NA
TAS2R63P	0.326333	1.533889	3.826878	0.40082	0.688553	NA
TCEB1P31	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.05261	-0.79	2.093679	-0.37733	0.705932	NA
CBX3P4	1.254352	0.05565	1.700006	0.032735	0.973886	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MRPL40P1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	43.68378	0.114629	0.368422	0.311136	0.755697	NA
APOPT1	9.5576	0.404069	0.693873	0.582338	0.560339	NA
	0.70046	1.37107	2.594868	0.528378	0.597237	NA
DYX1C1	2.955555	1.419847	1.291632	1.099266	0.271652	NA
A2MP1	3.417796	2.100238	1.248363	1.682394	0.092492	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.626003	1.180003	3.130502	0.376937	0.70622	NA
	18.99129	0.465008	0.465821	0.998255	0.318156	NA
	13.80225	-0.14391	0.581585	-0.24744	0.804565	NA
	0.518736	2.237423	2.7713	0.807355	0.419462	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.400505	1.12359	1.76195	0.637697	0.523671	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	25.9307	-0.6215	0.412984	-1.5049	0.132349	NA
	32.99617	0.67054	0.812217	0.825568	0.409049	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

CCND2-AS1	0.736957	-1.0303	2.640699	-0.39016	0.696418	NA
ATF4P4	1.199003	-0.22526	1.838234	-0.12254	0.902472	NA
	7.299809	0.613015	0.817199	0.750142	0.453169	NA
TAS2R30	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.720624	1.435938	2.334155	0.615185	0.538432	NA
	0.774742	-0.40577	2.223483	-0.18249	0.855195	NA
ZNF10	80.36831	0.499544	0.269133	1.856124	0.063436	0.16345
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	24.86703	0.374204	0.469188	0.797556	0.425128	NA
RPL7AP3	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.93741	-3.49975	2.723608	-1.28497	0.198804	NA
	0.495797	-0.73607	3.324282	-0.22142	0.824763	NA
	4.189955	-0.9329	1.039406	-0.89753	0.369436	NA
	24.83666	1.344025	0.442596	3.036683	0.002392	NA
HMBS	929.7599	-0.15751	0.163273	-0.96468	0.334706	0.50329
CACNA1C-A	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TAS2R64P	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	1.776037	-0.1261	1.592469	-0.07918	0.936887	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
OSBPL9P5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	33.61992	0.968203	0.456599	2.120465	0.033967	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.024854	1.545652	1.233907	1.252649	0.210333	NA
	1.425973	0.261345	1.671539	0.15635	0.875757	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.991105	0.057673	1.395223	0.041336	0.967028	NA
	1.045579	1.171193	2.006879	0.583589	0.559497	NA
RPL41P2	8.696822	0.393644	0.673746	0.584261	0.559045	NA
	0.727508	0.192954	2.572892	0.074995	0.940219	NA
NTAN1P3	0.192403	0.975392	4.060716	0.240202	0.810174	NA
HSPA8P5	2.747897	0.613672	1.228266	0.499624	0.61734	NA
	6.35499	-0.15884	0.803564	-0.19767	0.843302	NA
	2.373275	-2.31356	1.482837	-1.56023	0.118707	NA
	1.334367	0.842194	1.784035	0.472073	0.636875	NA
	20.66547	-0.45205	0.547198	-0.82611	0.40874	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	1.859776	-0.06877	1.46217	-0.04703	0.962486	NA
	5.9772	2.527435	1.164373	2.170641	0.029958	NA
	3.430519	0.207856	1.20887	0.171942	0.863483	NA
TAS2R31	0.778894	2.823374	2.403613	1.174637	0.24014	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TRAV11	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.170139	-1.99351	1.634851	-1.21938	0.222699	NA
	0.653015	0.2552	2.787103	0.091565	0.927044	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA

	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.92743	1.834049	2.364191	0.775762	0.43789	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	11.24705	-0.16569	0.650411	-0.25474	0.798923	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	1.011758	-0.66314	1.918131	-0.34572	0.729551	NA
NANOGNBI	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	12.22339	-0.69134	0.582714	-1.18641	0.235461	NA
NLRP9P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	172.2912	0.09644	0.19261	0.500701	0.616582	0.742224
	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TAS2R67P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	2.464091	0.438611	1.29761	0.338014	0.735352	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
CLEC12B	0.488912	0.771583	2.897678	0.266276	0.790026	NA
	11.5745	0.07812	0.638559	0.122338	0.902631	NA
KLRAP1	6.511756	2.552621	1.006884	2.535169	0.011239	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	2148.182	-0.25102	0.229815	-1.09226	0.27472	0.440406
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.803131	-0.76693	2.349822	-0.32638	0.744138	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	38.95826	0.232285	0.350783	0.66219	0.507849	NA
	0.612162	-0.19706	2.47693	-0.07956	0.936588	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RBBP4P5	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	3.843836	-0.07511	1.060062	-0.07085	0.943515	NA
	10.90545	0.354549	0.769914	0.460505	0.645154	NA
	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA
	1.383152	2.519898	1.91781	1.313945	0.188865	NA
KLRF2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	9.107713	-0.53307	0.776085	-0.68687	0.492167	NA
TPT1P12	0.808921	2.894015	2.722603	1.062959	0.287801	NA
	3.945785	1.390314	1.09909	1.264969	0.205883	NA
	1.139209	-0.69433	1.964144	-0.3535	0.723712	NA
SLC5A8	3.765879	0.018359	1.169792	0.015694	0.987478	NA
	6.456118	0.434152	0.885734	0.490161	0.62402	NA

	21.1608	-0.93177	0.464294	-2.00686	0.044764	NA
	0.870886	-0.53073	2.310896	-0.22966	0.818353	NA
	0.869306	-0.5527	2.538621	-0.21772	0.82765	NA
	1.758242	2.645987	1.831913	1.444385	0.148631	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	28.63005	0.697428	0.399914	1.743943	0.081169	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	1.999698	1.226422	1.658952	0.739275	0.45974	NA
	2.493326	2.029023	1.384698	1.465317	0.142834	NA
	0.768215	1.51173	2.494681	0.605981	0.544527	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
TAS2R18	1.11032	0.442168	2.116951	0.20887	0.83455	NA
	1.837265	0.948736	1.814134	0.522969	0.600996	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.586694	1.130467	2.734203	0.413454	0.679274	NA
	38.67527	-0.28446	0.336472	-0.84541	0.397883	NA
	16.30939	-0.2695	0.515764	-0.52253	0.601303	NA
	3.42311	-2.79658	1.275524	-2.19249	0.028344	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
RPEP6	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	13.31092	-0.1186	0.547623	-0.21657	0.828545	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KRT127P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CLLU1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PWAR6	25.24956	0.844875	0.542315	1.557905	0.119256	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
TMPO-AS1	46.38746	-0.48496	0.344853	-1.40629	0.159638	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	4.47014	0.19181	1.06581	0.179966	0.857179	NA
HMGN2P6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HNRNPA1P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
GATC	616.3201	-0.03749	0.186573	-0.20095	0.840741	0.905184
	2.99108	-0.03517	1.142884	-0.03077	0.975453	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	2.149721	0.810232	1.528411	0.530114	0.596033	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
C12orf79	3.103119	0.388405	1.185552	0.327615	0.743203	NA
	1.645774	-1.39946	1.608559	-0.87001	0.384296	NA

	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
	2.89453	0.478374	1.211725	0.394787	0.693	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
	13.80147	-0.06144	0.604236	-0.10168	0.91901	NA
	5.610114	-0.30155	0.880564	-0.34245	0.73201	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.140178	-0.66175	0.861774	-0.76789	0.442552	NA
	3.845395	0.569024	1.05206	0.540866	0.5886	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	8.93058	0.884925	0.743157	1.190766	0.233746	NA
	4.108285	-0.17235	0.955853	-0.18031	0.856906	NA
	0.911593	1.257757	2.250933	0.558771	0.576318	NA
	0.830383	-3.4083	2.430438	-1.40234	0.160814	NA
	2.442224	-1.07758	1.439207	-0.74873	0.454018	NA
PRELID2P1	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	82.05029	-0.07922	0.277571	-0.28542	0.775326	0.861029
	1.752712	-0.14013	1.568628	-0.08933	0.928817	NA
	9.014089	0.322867	0.835802	0.386296	0.699278	NA
	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
FNTB	59.55158	-0.49829	0.297462	-1.67512	0.09391	0.214014
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.518736	2.237423	2.7713	0.807355	0.419462	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	2.420341	0.591326	1.450258	0.407738	0.683466	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
	4.25003	0.069896	1.06142	0.065851	0.947496	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.488912	0.771583	2.897678	0.266276	0.790026	NA
	0.949727	-0.95431	2.383855	-0.40032	0.688919	NA
MRPL2P1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.110734	1.171607	2.014126	0.581695	0.560772	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	2.58982	1.232038	1.429809	0.86168	0.388864	NA
	0.440301	0.468383	3.449808	0.135771	0.892003	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.436075	-0.1339	1.755147	-0.07629	0.939188	NA
	23.64998	0.746438	0.470618	1.586079	0.112721	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	1.123225	-0.64885	2.232612	-0.29062	0.771339	NA

	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	2.129382	-0.16373	1.460928	-0.11207	0.910768	NA
HSPA8P14	0.460466	0.568655	3.014642	0.188631	0.850382	NA
OR7E47P	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.872599	-0.0909	1.613914	-0.05632	0.955084	NA
	3.807099	0.555626	1.110579	0.500303	0.616862	NA
	4.395388	1.361139	1.018859	1.335945	0.181567	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
GSTP1P1	0.690946	-1.56103	2.699004	-0.57837	0.563013	NA
	0.883	1.784395	2.188528	0.81534	0.414878	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
GALNT4	8.760222	0.194988	0.684422	0.284895	0.775725	NA
	1.6849	-0.55131	1.656497	-0.33282	0.739274	NA
	0.795081	1.604357	2.508662	0.639527	0.52248	NA
	28.09123	0.499132	0.410356	1.216338	0.223856	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	269.0018	0.9217	0.247306	3.726954	1.94E-04	0.003807
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.909866	1.872373	2.379543	0.786862	0.431362	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.871089	-1.46164	2.262872	-0.64592	0.518329	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	8.029319	0.734772	0.721381	1.018563	0.30841	NA
	200.6517	0.07234	0.228639	0.316395	0.751703	0.844731
	0.508056	0.731032	2.861912	0.255435	0.798387	NA
	6.989616	-0.64745	0.767859	-0.84319	0.399122	NA
CNPY2	187.903	0.244656	0.190956	1.281214	0.200119	0.35611
LSM6P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.026158	2.299413	1.641253	1.40101	0.161211	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	7.500492	0.086219	0.748457	0.115195	0.90829	NA
	41.06222	1.060732	0.441645	2.401775	0.016316	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.651085	2.534961	3.013697	0.841147	0.400266	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ST13P3	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
	0.572651	0.928649	2.780261	0.334015	0.738368	NA
	1.398079	-2.25327	1.966256	-1.14597	0.251807	NA
MRS2P2	0.528424	-0.38142	2.853651	-0.13366	0.893671	NA
	1.567836	1.766079	1.822638	0.968968	0.332561	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA

	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	15.2287	0.176048	0.528469	0.333128	0.739038	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	8.9783	0.808923	0.705082	1.147274	0.251268	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HNRNPA3P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CASC18	1.878884	-0.09816	1.5128	-0.06488	0.948266	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.774742	-0.40577	2.223483	-0.18249	0.855195	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.725928	0.181819	2.321433	0.078322	0.937572	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
EEF1A1P17	0.815042	2.859272	2.76927	1.0325	0.301838	NA
	0.70046	1.37107	2.594868	0.528378	0.597237	NA
	2.583	3.498257	1.603106	2.182174	0.029097	NA
	1.419889	0.381214	1.819664	0.209497	0.83406	NA
	2.598138	1.174145	1.379767	0.850973	0.394784	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	1.941991	0.19281	1.456829	0.132349	0.894708	NA
	0.872321	0.678609	2.011629	0.337343	0.735858	NA
	3.502066	1.101642	1.213332	0.907947	0.363906	NA
QRSL1P3	0.508056	0.731032	2.861912	0.255435	0.798387	NA
	0.558248	0.982076	2.804738	0.350149	0.726227	NA
OLA1P3	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.06329	0.285492	1.942399	0.146979	0.883149	NA
	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.009228	2.053856	2.077371	0.98868	0.322819	NA
HMGA1P3	1.144942	1.358971	2.181094	0.623068	0.53324	NA
	0.763859	-0.6945	2.307767	-0.30094	0.76346	NA
HIGD1AP1	0.696104	-0.93034	2.354268	-0.39517	0.692715	NA
	1.19906	0.118246	1.94637	0.060752	0.951557	NA
	0.616518	2.49285	2.980788	0.836306	0.402983	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	123.7106	-0.03993	0.214883	-0.18584	0.852568	0.912284
BCDIN3D-A	8.691469	-0.08522	0.74103	-0.115	0.908447	NA
	0.758758	-0.35643	2.514365	-0.14176	0.887273	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	13.63292	0.304796	0.585314	0.520739	0.602549	NA
	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA
	11.78575	0.80302	0.654567	1.226796	0.219899	NA
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
	0.919911	0.765837	2.338731	0.327458	0.743321	NA
	3.124771	0.29748	1.15812	0.256865	0.797283	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	2.918527	-0.25001	1.288043	-0.1941	0.846098	NA
MKRN9P	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.56843	-1.34096	1.178044	-1.1383	0.254997	NA
LINC00485	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.750651	1.552121	2.514127	0.61736	0.536998	NA
	32.68951	-0.64335	0.399392	-1.61082	0.107218	NA
	1.045872	-1.31674	2.456371	-0.53605	0.591923	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.132479	1.219292	1.844561	0.66102	0.508599	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.684273	2.627785	2.896325	0.907282	0.364257	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	5.025427	0.768916	0.963542	0.79801	0.424865	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	1.730947	-0.39777	1.500857	-0.26503	0.790989	NA
	0.460669	-0.62593	3.398671	-0.18417	0.853882	NA
CHURC1	1586.483	0.891174	0.213355	4.176946	2.95E-05	0.001179
	47.88276	0.570931	0.320821	1.779592	0.075143	0.183032
NUTF2P2	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	55.60719	-0.44539	0.307577	-1.44807	0.147597	0.290713
	1.055239	2.092943	2.097897	0.997638	0.318455	NA
	4.50713	-0.46311	1.230134	-0.37647	0.706568	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
	11.56565	-0.28827	0.679701	-0.42411	0.671486	NA
	1.836451	-0.07811	1.514376	-0.05158	0.958865	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	2.019341	-0.87103	1.521974	-0.5723	0.567119	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA

	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
PCNPP1	1.187588	2.257887	1.988061	1.135723	0.256072	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
SLC25A3P2	0.725928	0.181819	2.321433	0.078322	0.937572	NA
	113.4921	-0.48168	0.266536	-1.8072	0.070731	0.17579
RPA2P1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	3.844228	0.819205	1.021673	0.801827	0.422653	NA
RBM8B	2.098336	-0.26092	1.394053	-0.18717	0.851529	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.197625	-0.85962	1.981435	-0.43384	0.664407	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LINC00641	54.05232	0.942007	0.414833	2.270811	0.023158	0.083463
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.034697	1.024735	1.902596	0.538598	0.590164	NA
	0.582339	-1.69412	2.750801	-0.61586	0.537985	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.47961	0.535796	3.39605	0.15777	0.874638	NA
	0.698879	1.36795	2.596167	0.526912	0.598255	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	5.347756	-0.37464	0.885326	-0.42316	0.672177	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	44.55358	0.238562	0.377262	0.632351	0.527157	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
CHMP4BP1	0.750448	2.743526	2.504729	1.095338	0.273368	NA
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
PPIAP6	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
LINC00640	1.045376	2.066118	2.09889	0.984386	0.324926	NA
SPESP1	16.69185	1.094745	0.565352	1.936396	0.052819	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DIO3OS	0.71919	0.510978	2.728734	0.187258	0.851458	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
EIF3LP1	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	0.584911	2.38756	2.690807	0.887303	0.374916	NA
	2.712961	1.226314	1.347066	0.910359	0.362633	NA

NT5CP1	1.410404	0.968834	1.838328	0.527019	0.59818	NA
	1.441811	0.977266	1.883072	0.518974	0.603779	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.747636	0.735436	2.634453	0.279161	0.780122	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	6.401733	-0.32591	0.896981	-0.36334	0.716353	NA
	4.639366	-0.06815	0.999854	-0.06816	0.945656	NA
BLZF2P	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
RHOQP1	23.79738	0.090358	0.456957	0.19774	0.843249	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PTTG4P	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	4.332838	-0.30815	0.949418	-0.32457	0.745507	NA
	44.45893	0.501341	0.470409	1.065756	0.286534	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NBEAP1	1.589987	0.694691	1.591628	0.436466	0.662499	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.734035	-2.0718	2.529697	-0.81899	0.41279	NA
DNAJC19P9	1.179509	1.360465	1.979386	0.687317	0.491883	NA
RPL21P7	1.663192	-0.49205	1.500975	-0.32782	0.743046	NA
	8.296205	-0.25486	0.964051	-0.26437	0.791497	NA
	2.027456	-0.33651	1.388219	-0.2424	0.80847	NA
OR11H5P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
COX7A2P1	1.525539	-0.06231	1.650827	-0.03775	0.969889	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.956752	0.523504	1.674627	0.312609	0.754578	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
BCL2L2-PAI	6.377438	1.884526	0.917569	2.053826	0.039993	NA
HSPE1P2	1.0491	1.000662	2.336632	0.42825	0.668469	NA
	1.037472	3.237257	2.161528	1.49767	0.134219	NA
UBE2CP1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ARHGAP5-A	78.39591	0.209861	0.316116	0.663874	0.506771	0.655941
	253.2828	0.204481	0.201963	1.012466	0.311315	0.478807
	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	45.99527	0.400054	0.352437	1.135109	0.25633	NA
HIF1A-AS2	0.83597	1.639551	2.453777	0.668175	0.504022	NA
	0.462046	0.589069	3.442439	0.17112	0.86413	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.952204	0.113403	1.013837	0.111856	0.910938	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

LINC00871	0.572651	0.928649	2.780261	0.334015	0.738368	NA
LINC00638	23.39985	0.303632	0.448374	0.677184	0.498289	NA
	2.573501	-0.14231	1.243414	-0.11445	0.908883	NA
	18.27639	0.390942	0.541608	0.721817	0.470407	NA
SLC25A21-/	4.179707	-0.50494	0.999095	-0.50539	0.613282	NA
	0.842643	-2.08432	2.306153	-0.90381	0.366097	NA
	7.609678	1.564299	0.81565	1.917857	0.055129	NA
ITPK1-AS1	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.908875	-0.75101	2.116968	-0.35476	0.722771	NA
	14.93381	0.180179	0.54011	0.333597	0.738683	NA
	17.38958	0.213482	0.490176	0.435522	0.663183	NA
LINC00637	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	18.06122	-0.08896	0.518257	-0.17165	0.863716	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	1.503445	1.098331	1.654119	0.663997	0.506692	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
DIO2-AS1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	11.7156	-0.47396	0.651464	-0.72753	0.466901	NA
RAP1AP	2.303947	-0.85625	1.34365	-0.63726	0.523957	NA
HIF1A-AS1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
BMS1P15	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	6.218328	0.386852	0.803329	0.481561	0.630118	NA
	5.527089	0.963196	0.914233	1.053556	0.292086	NA
LINC00520	1854.438	0.007292	0.123201	0.059186	0.952804	0.974337
ADIPOR1P2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNASE4	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	17.31485	-0.40308	0.528128	-0.76322	0.445334	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	9.221276	0.534909	0.678777	0.788049	0.430668	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TRAV28	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
EEF1A1P33	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.520316	2.239969	3.173769	0.705776	0.480328	NA
	2.087161	0.707052	1.371442	0.515554	0.606166	NA
	1.18109	1.362393	1.979079	0.688397	0.491203	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
EIF4EBP1P1	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA

	5.356833	0.282257	0.911454	0.309678	0.756806	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
SCOCP1	0.586491	2.39072	2.689057	0.889055	0.373973	NA
EGLN3-AS1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HNRNPCP1	14.82971	1.544073	0.618203	2.497681	0.012501	NA
	1.605554	0.650643	1.821017	0.357297	0.72087	NA
	1.20711	-1.81886	1.886695	-0.96404	0.335024	NA
	0.661122	-3.06315	2.98049	-1.02773	0.304076	NA
	1.044291	-1.32184	2.457199	-0.53794	0.590615	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
ZMYND19P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
FOXN3-AS1	72.9889	-0.07341	0.279502	-0.26265	0.792817	0.874397
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	19.00403	0.34094	0.482227	0.707012	0.479559	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.697685	-0.92563	2.353044	-0.39338	0.694041	NA
	7.222713	-0.07022	0.779678	-0.09006	0.928238	NA
	4.547042	-0.05974	0.915673	-0.06524	0.94798	NA
	2.478051	1.097295	1.471185	0.745858	0.455753	NA
	1.522764	-1.40258	1.668578	-0.84059	0.40058	NA
	5.03101	0.212717	0.937266	0.226955	0.820459	NA
KRT18P7	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.161072	0.527093	2.031776	0.259425	0.795308	NA
	1.561687	-0.08099	1.556458	-0.05204	0.9585	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
HIF1AP1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
COX5AP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.530355	-0.09898	1.275318	-0.07761	0.938135	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	3.356907	1.27795	1.239575	1.030958	0.302561	NA
TMEM179	1.083803	-2.45142	2.403819	-1.0198	0.307822	NA
	4.713177	0.43764	0.992699	0.440858	0.659315	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	1.828546	0.414547	1.589727	0.260766	0.794273	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RPPH1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	2.726685	-0.50315	1.221344	-0.41197	0.680363	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.802629	-1.30223	1.594252	-0.81683	0.414026	NA
	0.71919	0.510978	2.728734	0.187258	0.851458	NA
DNAJC8P1	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA

	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ENSAP2	3.608685	-1.46153	1.184653	-1.23372	0.217307	NA
	3.6153	0.417124	1.062798	0.392477	0.694706	NA
	0.476449	0.524262	3.402674	0.154073	0.877552	NA
CHORDC2P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
HNRNPUP1	1.050883	0.315451	1.99938	0.157774	0.874635	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
ACTN1-AS1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	41.7291	-0.27388	0.329234	-0.83187	0.405482	NA
	2.462271	0.753131	1.440002	0.523007	0.60097	NA
LINC00639	1.202377	0.510208	2.000895	0.25499	0.798731	NA
	14.60367	0.400936	0.537221	0.746314	0.455478	NA
POC1B-GAl	1.657888	0.125143	1.487942	0.084105	0.932973	NA
PTBP1P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.870886	-0.53073	2.310896	-0.22966	0.818353	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	0.774742	-0.40577	2.223483	-0.18249	0.855195	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.185913	0.280677	1.081071	0.259628	0.795151	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
TRAV30	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAM35CP	1.609131	0.660667	1.527112	0.432625	0.665287	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.47961	0.535796	3.39605	0.15777	0.874638	NA
	0.977767	1.39453	2.230419	0.625232	0.531819	NA
	2.416618	1.077017	1.31645	0.818122	0.413287	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC00648	2.764884	0.056249	1.324736	0.042461	0.966131	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	1.63787	-0.73465	1.830211	-0.4014	0.688123	NA
RANBP20P	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.875053	-3.61314	2.623168	-1.3774	0.168389	NA
	3.080515	0.898939	1.228642	0.731652	0.464381	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ADAM20P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
DDX18P1	0.682896	1.412658	2.61672	0.539858	0.589295	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA

	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.613357	2.486614	2.985155	0.832993	0.404848	NA
	3.01392	-1.52565	1.291801	-1.18103	0.237591	NA
	0.518736	2.237423	2.7713	0.807355	0.419462	NA
	0.749217	0.7397	2.633289	0.280903	0.778784	NA
	0.757324	-2.08271	2.587512	-0.80491	0.420873	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	1.197422	-0.20967	1.730805	-0.12114	0.903582	NA
GOLGA6L1	0.652869	1.292592	2.374873	0.544278	0.58625	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
USP3-AS1	1.781138	-0.27647	1.592047	-0.17366	0.862134	NA
	13.85264	0.649279	0.586898	1.106288	0.268602	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
NPM1P42	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.711139	2.710446	2.504485	1.082237	0.279147	NA
	4.749331	1.22067	0.968876	1.259883	0.207712	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	3.477374	-0.23186	1.191682	-0.19457	0.845733	NA
CSPG4P12	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.255343	2.334528	1.930962	1.208997	0.226664	NA
	1.235354	-0.89516	1.719639	-0.52055	0.60268	NA
PLCB2-AS1	3.382649	-1.1119	1.173628	-0.9474	0.343435	NA
	0.588072	2.39955	3.098804	0.774347	0.438726	NA
	0.984855	-1.02676	2.366773	-0.43382	0.664418	NA
	1.285748	-1.30211	1.957858	-0.66507	0.506007	NA
	4.673294	1.189217	0.987794	1.203911	0.228624	NA
	10.06864	-0.13586	0.645414	-0.2105	0.833279	NA
	4.225239	0.558606	1.056329	0.528819	0.596931	NA
	0.863039	0.783382	2.464829	0.317824	0.750618	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	2.614996	1.595137	1.312255	1.215569	0.224149	NA
	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
LINC00984	169.5306	-0.08013	0.226837	-0.35325	0.723905	0.824785
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	17.30094	-0.23594	0.531475	-0.44393	0.657095	NA
	17.70169	0.363114	0.532988	0.681279	0.495695	NA
	2.903986	1.032296	1.195705	0.863337	0.387952	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.858627	-2.14058	2.513451	-0.85165	0.394408	NA
	1.205355	1.329837	2.166752	0.613747	0.539383	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

	0.719043	1.433043	2.335048	0.61371	0.539407	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
DCAF13P3	0.520316	2.239969	3.173769	0.705776	0.480328	NA
	4.695119	-0.17001	1.03572	-0.16415	0.869612	NA
	5.112502	0.011782	0.947005	0.012442	0.990073	NA
H3F3AP1	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	3.325529	0.483026	1.128751	0.42793	0.668702	NA
	1.519814	-0.07644	1.621533	-0.04714	0.962401	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
EFTUD1P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ISCA1P4	1.921624	0.541658	1.46181	0.370539	0.710981	NA
	0.918331	0.764804	2.118268	0.361052	0.718061	NA
	1.93072	1.568832	1.705316	0.919966	0.357591	NA
HNRNPA1P	0.556667	0.972496	2.522454	0.385536	0.699841	NA
HERC2P7	3.238398	1.553647	1.217746	1.275839	0.202012	NA
	1.099787	-2.48189	2.397845	-1.03505	0.300646	NA
	661.7948	-0.31825	0.161848	-1.96637	0.049255	0.13727
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
HNRNPCP3	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	102.4265	-0.84023	0.362255	-2.31945	0.02037	0.076664
	0.583919	-1.6942	2.749224	-0.61625	0.537732	NA
	2.271391	0.449361	1.368753	0.3283	0.742685	NA
	28.26053	0.84794	0.534966	1.585035	0.112958	NA
THTPA	228.1685	-0.3274	0.185205	-1.76776	0.077101	0.186614
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.490493	0.776209	2.895261	0.268096	0.788625	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	4.286293	0.57239	1.007633	0.568054	0.569998	NA
	6.40045	1.024871	0.949747	1.079098	0.280544	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ANP32BP3	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	1.740542	-2.32937	1.935186	-1.20369	0.228708	NA
	0.452561	2.061505	3.349456	0.615474	0.538241	NA
AHCYP7	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NDUFAF4P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	59.6638	-0.71498	0.299245	-2.38927	0.016882	0.067589
	1.144942	1.358971	2.181094	0.623068	0.53324	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
MRPL46	191.0821	0.181443	0.22297	0.813756	0.415785	0.578944
	2.393061	0.101261	1.341689	0.075473	0.939839	NA
	11.43701	2.490035	0.767299	3.245196	0.001174	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
UBE2Q2L	4.842263	-0.55125	0.894359	-0.61636	0.537654	NA

HNRNPA1P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.136267	-0.64375	1.350128	-0.4768	0.633501	NA
ANP32AP1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.522175	0.469421	1.602229	0.29298	0.769538	NA
	1.470789	-1.06553	1.748153	-0.60952	0.542183	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	5.216244	-0.21017	0.850786	-0.24703	0.804887	NA
LINC00052	3.661422	-0.62858	1.149676	-0.54675	0.584552	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	6.53117	0.064543	0.785065	0.082213	0.934477	NA
	1.235004	0.68061	1.965017	0.346363	0.72907	NA
RPL21P12	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.929521	-1.72955	1.299834	-1.3306	0.183322	NA
UBE2Q2P1	0.556667	0.972496	2.522454	0.385536	0.699841	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.404212	1.045664	1.336098	0.782625	0.433847	NA
HMGN1P2(	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	8.928684	1.122113	0.80144	1.400121	0.161477	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	2.091262	-2.0689	1.502393	-1.37707	0.168491	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	5.668023	0.378774	0.969005	0.390889	0.695879	NA
TYRO3P	0.968522	0.920016	1.915592	0.480278	0.63103	NA
	5.524224	-0.60908	0.857683	-0.71015	0.477612	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PRELID1P4	0.547182	2.340248	3.137689	0.745851	0.455757	NA
	0.682693	2.623213	2.518338	1.041645	0.297576	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.178424	-1.58299	2.140626	-0.7395	0.459604	NA
	5.29916	0.055735	0.946293	0.058898	0.953033	NA
EEF1A1P22	11.25408	0.547455	0.725594	0.754492	0.450554	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
C15orf37	8.612945	-0.19159	0.715505	-0.26777	0.788879	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	1.965223	-0.02685	1.585705	-0.01693	0.986492	NA

	1.005019	-1.03066	2.033647	-0.50681	0.612291	NA
	0.736607	1.395844	2.318642	0.602009	0.547168	NA
PIGHP1	1.281015	0.71131	1.742215	0.408279	0.683069	NA
	2.681463	0.796338	1.389329	0.573182	0.566522	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	3.572396	1.806576	1.24243	1.454066	0.145928	NA
IQCH-AS1	25.84053	0.998999	0.418227	2.388654	0.01691	NA
	6.573904	2.844181	1.084775	2.621908	0.008744	NA
	1.252771	0.053586	1.700195	0.031518	0.974857	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	7.529124	-0.16489	0.755857	-0.21815	0.827314	NA
	4.960305	0.553316	1.055331	0.524306	0.600066	NA
	7.433428	0.367405	0.731911	0.501981	0.615681	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
HMGB1P8	4.882269	0.664693	0.964065	0.689469	0.490528	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	5.698826	-0.83055	0.878005	-0.94595	0.344173	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.74907	1.552259	2.278648	0.681219	0.495733	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	2.506295	1.550002	1.638967	0.945719	0.344292	NA
	12.29968	0.818275	0.640288	1.27798	0.201257	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
CSPG4P11	26.80473	-0.26896	0.495116	-0.54323	0.586971	NA
	0.508056	0.731032	2.861912	0.255435	0.798387	NA
LINC00933	5.4778	0.131157	0.879395	0.149145	0.881439	NA
	2.621909	0.195456	1.295417	0.150883	0.880068	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.590076	-0.3384	1.915172	-0.1767	0.859748	NA
	1.292043	0.040764	1.785235	0.022834	0.981783	NA
	3.294178	-0.25529	1.127593	-0.2264	0.820889	NA
	4.548265	0.948465	1.048301	0.904764	0.36559	NA
ANP32BP1	1.450276	0.320155	1.846699	0.173366	0.862364	NA
	1.696234	0.294515	1.666475	0.176729	0.859721	NA
	1.538158	0.399163	1.868829	0.21359	0.830867	NA
LINC00567	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TCEB1P2	0.967291	-0.94461	2.160526	-0.43721	0.661958	NA
HERC2P10	1.149832	-0.38667	2.069202	-0.18687	0.851763	NA
	1.725846	-0.23167	1.459515	-0.15873	0.873881	NA
	0.846649	2.927909	2.364097	1.23849	0.215535	NA
HNRNPLP2	17.01841	-0.35958	0.49859	-0.72119	0.470793	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA

	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	9.081005	0.476881	0.702355	0.678974	0.497154	NA
	1.411499	-2.12166	2.00599	-1.05766	0.29021	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.830237	-1.27668	2.202503	-0.57965	0.562151	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
	1.120219	0.417842	1.804388	0.23157	0.816872	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.746295	-0.65731	2.318283	-0.28353	0.776767	NA
AGBL1-AS1	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
CSPG4P13	13.21597	-0.38344	0.591137	-0.64865	0.516562	NA
	0.518736	2.237423	2.7713	0.807355	0.419462	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	1.587707	-3.26952	1.872881	-1.74572	0.08086	NA
SSSCA1-AS1	36.0452	0.217623	0.359136	0.605962	0.54454	NA
	0.965508	-0.08709	2.197017	-0.03964	0.968381	NA
	6.874439	-0.13721	0.85936	-0.15967	0.873143	NA
	20.99496	0.343964	0.472453	0.728038	0.46659	NA
	17.74357	-0.07467	0.516102	-0.14469	0.884959	NA
	0.841063	-2.08438	2.306687	-0.90362	0.366195	NA
NTRK3-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	12.89136	-0.67553	0.609147	-1.10898	0.26744	NA
HEXA-AS1	1.215189	-0.88793	1.977332	-0.44905	0.653393	NA
LINC01043	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC00562	1.534877	0.084903	1.62645	0.052202	0.958368	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	7.420055	0.612123	0.805413	0.760011	0.447248	NA
	1108.612	-0.19364	0.227158	-0.85245	0.393964	0.558732
	0.994194	-0.63787	1.893391	-0.33689	0.736198	NA
	2.739001	0.003038	1.222432	0.002485	0.998017	NA
	1.987199	1.212507	1.528164	0.793441	0.427521	NA
	1.820467	-0.04814	1.430357	-0.03366	0.973151	NA
	21.09833	0.267726	0.46172	0.579846	0.562019	NA
	3.295116	0.995266	1.133385	0.878135	0.37987	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	5.951279	0.427489	0.859821	0.497184	0.619059	NA
TPST2P1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.4986	-1.64638	3.317584	-0.49626	0.619712	NA
	38.68426	0.401952	0.387305	1.037819	0.299354	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.977162	4.164432	1.778566	2.341455	0.019209	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.314202	0.813471	1.874167	0.434044	0.664256	NA
	6.512862	-0.04364	0.818562	-0.05331	0.957484	NA

	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HNRNPA3P	1.195639	0.515221	2.098932	0.245468	0.806094	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00543	1.181439	-0.20977	1.987054	-0.10557	0.915925	NA
	3.077559	-0.28713	1.213075	-0.23669	0.812894	NA
	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	7.418965	1.401452	0.819189	1.710779	0.087122	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
KRT8P50	1.429191	0.470595	1.645258	0.286031	0.774855	NA
	17.26914	-0.02544	0.525533	-0.04841	0.961392	NA
	0.888304	0.641829	2.171212	0.295609	0.767529	NA
	2.786143	-1.41	1.235015	-1.14169	0.253585	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.064642	0.337739	1.492697	0.226261	0.820998	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.649984	0.73597	1.549673	0.474919	0.634844	NA
	2.012464	1.134837	1.467439	0.773345	0.439318	NA
ADPGK-AS1	10.46814	1.269757	0.746738	1.700405	0.089055	NA
LINC00565	1.657153	2.827967	1.867826	1.514041	0.130015	NA
CCPG1	210.3128	0.991411	0.322828	3.071023	0.002133	0.016837
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SPCS2P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	23.412	0.482744	0.577454	0.835986	0.403163	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
DOCK9-AS2	13.54738	-0.2184	0.564481	-0.3869	0.698831	NA
	1.007648	2.051938	2.077812	0.987548	0.323374	NA
LINC00555	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	5.887394	0.055572	0.93027	0.059737	0.952365	NA
SNORD116	25.63856	0.687665	0.429564	1.600843	0.109412	NA
SNORD116	25.63856	0.687665	0.429564	1.600843	0.109412	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.881915	-2.2305	2.871853	-0.77668	0.437349	NA
	5.602069	0.79565	1.209131	0.658035	0.510516	NA
ATP5J2P6	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	12.19533	0.433793	0.691208	0.627586	0.530275	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.243499	2.411174	1.198977	2.011026	0.044323	NA
ADAMTS7P	1.047103	1.538196	2.447568	0.628459	0.529703	NA
	6.863991	0.07245	0.8159	0.088797	0.929243	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00561	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.415736	-1.38965	1.816509	-0.76501	0.444265	NA
	0.788582	0.608095	2.456267	0.247569	0.804468	NA
GOLGA8T	3.754993	1.855738	1.163988	1.594293	0.11087	NA

	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
LARP4P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	12.34366	1.441162	0.626702	2.299597	0.021471	NA
CD24P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	12.97556	-0.59152	0.574139	-1.03028	0.302881	NA
	2.867499	-0.74884	1.22395	-0.61182	0.540657	NA
	36.00742	0.477399	0.430804	1.108159	0.267793	NA
	0.750651	1.552121	2.514127	0.61736	0.536998	NA
	6.998656	0.837063	0.764518	1.094891	0.273564	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	2.243205	0.161484	1.348132	0.119784	0.904654	NA
LINC00559	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	7.172614	0.375512	0.773976	0.485173	0.627554	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PAN3-AS1	14.64417	0.353407	0.529693	0.667193	0.504649	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	1.272345	3.519403	2.400212	1.466288	0.14257	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
	26.3913	-0.11372	0.50405	-0.22562	0.8215	NA
TPBGL	96.05394	-0.49851	0.279148	-1.78581	0.07413	0.181706
	6.033529	0.985786	0.868393	1.135184	0.256298	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DISC1FP1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
GOLGA6L7I	0.520316	2.239969	3.173769	0.705776	0.480328	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
C15orf65	36.88605	0.426539	0.374101	1.140171	0.254215	NA
ATP5HP1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	5.165275	0.985104	0.969506	1.016088	0.309587	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
GOLGA8S	0.979551	0.16329	2.152655	0.075855	0.939534	NA
	9.476189	-0.25275	0.69512	-0.3636	0.716155	NA
	0.402398	-2.58771	4.018369	-0.64397	0.519595	NA
GOLGA8H	2.252836	-0.80767	1.342103	-0.6018	0.547309	NA
	69.89156	0.040777	0.296521	0.137519	0.890621	0.936036
LOXL1-AS1	1.494281	-1.73103	1.875863	-0.92279	0.356115	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
DNM1P49	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	673.5109	-0.19938	0.17869	-1.11579	0.264513	0.428974
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.752655	-0.41495	1.535934	-0.27016	0.787037	NA
RN7SL80P	1.602596	0.149842	1.657784	0.090387	0.92798	NA
RN7SL755P	0.163957	0.424913	4.079006	0.104171	0.917034	NA

MIR3165	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL747P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL86P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.071251	-0.2597	1.986911	-0.1307	0.89601	NA
RN7SL744P	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	26.84876	-0.35969	0.402318	-0.89403	0.371304	NA
RN7SL312P	0.640609	0.042838	2.379511	0.018003	0.985637	NA
	0.758758	-0.35643	2.514365	-0.14176	0.887273	NA
MIR4712	0.506476	0.726418	2.864186	0.253621	0.799788	NA
MIR5006	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL613P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR4513	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RN7SL179P	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RN7SL596P	0.192403	0.975392	4.060716	0.240202	0.810174	NA
MIR548AR	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA
RN7SL595P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.71919	0.510978	2.728734	0.187258	0.851458	NA
RN7SL534P	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
MIR3613	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL348P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.422737	0.518872	3.501356	0.148192	0.882191	NA
MIR3942	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RN7SL2	104.7469	-1.04736	0.353919	-2.95932	0.003083	0.021631
MIR4312	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.785567	-0.70568	2.358063	-0.29926	0.764741	NA
MIR5188	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR4502	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR3164	2.147115	-2.09721	1.547467	-1.35525	0.175336	NA
RN7SL133P	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RN7SL166P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.690946	-1.56103	2.699004	-0.57837	0.563013	NA
	32.05604	-0.42311	0.446232	-0.94818	0.343039	NA
RN7SL660P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SL49P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR4489	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR3685	0.547182	2.340248	3.137689	0.745851	0.455757	NA
RN7SL3	5.203893	-1.04841	0.974329	-1.07603	0.281912	NA
MIR4690	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.936915	0.819377	2.189457	0.374237	0.708228	NA
MIR3657	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR4512	0.670433	1.255281	2.356401	0.532711	0.594234	NA
MIR4498	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.73681	0.399395	2.277135	0.175393	0.86077	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA

	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.788961	1.334717	1.347333	0.990636	0.321863	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.725928	0.181819	2.321433	0.078322	0.937572	NA
	1.076781	3.261813	2.235782	1.458914	0.144589	NA
	1.798962	-0.39956	1.497704	-0.26678	0.78964	NA
	1.966789	-1.2874	1.510993	-0.85202	0.394203	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.149866	0.55819	0.869189	0.642196	0.520746	NA
	2.469192	0.347835	1.260964	0.275849	0.782664	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
LASP1	7177.739	-0.37636	0.155181	-2.42527	0.015297	0.062857
SNX11	945.6622	-0.16566	0.139756	-1.18538	0.235867	0.398845
DBNDD1	2891.959	-0.27082	0.247311	-1.09508	0.273481	0.43932
SARM1	311.4514	-0.51655	0.174148	-2.96613	0.003016	0.021243
POLDIP2	4099.975	-0.31428	0.138841	-2.26362	0.023597	0.084618
CAMKK1	173.6305	-0.71762	0.220521	-3.25419	0.001137	0.011214
HSPB6	11.91893	-1.13541	0.619709	-1.83216	0.066928	NA
ARHGAP33	118.0783	-0.48278	0.302142	-1.59787	0.110073	0.237763
NDUFAB1	1845.606	0.055508	0.13513	0.410775	0.681237	0.792212
CDC27	1655.428	0.416659	0.144786	2.877764	0.004005	0.025436
DVL2	2088.588	-0.49325	0.139894	-3.52589	4.22E-04	0.006131
UPF1	3720.761	-0.55761	0.163456	-3.41137	6.46E-04	0.007892
DHX33	1460.995	-0.17256	0.149911	-1.15111	0.249685	0.41357
LIG3	715.6009	-0.30079	0.134873	-2.2302	0.025734	0.089808
ACSM3	16.38822	0.478268	0.52119	0.917646	0.358804	NA
	89.79565	-0.63083	0.244302	-2.58217	0.009818	0.046669
CIAPIN1	2396.849	-0.17646	0.13912	-1.26839	0.204658	0.361375
SPPL2B	777.5852	-0.43875	0.171571	-2.55722	0.010551	0.048747
COPZ2	1015.453	-0.06641	0.134726	-0.49291	0.622079	0.746432
CREBBP	1423.746	-0.57424	0.217749	-2.63719	0.00836	0.041745
BZRAP1	34.71172	-0.15544	0.514345	-0.30221	0.76249	NA
MPO	1.213406	-0.28643	1.978822	-0.14475	0.884908	NA
SOX8	230.7714	0.368237	0.340559	1.081271	0.279577	0.445601
ITGAL	0.260158	1.240347	4.047124	0.306476	0.759242	NA
PDK2	940.0834	-0.16818	0.13072	-1.2866	0.198233	0.35399
ITGA3	7562.794	-0.15329	0.329583	-0.4651	0.641857	0.761683
GGNBP2	1090.392	0.509762	0.175776	2.900065	0.003731	0.024376
ITGA2B	2.244436	0.956595	1.371961	0.697247	0.485648	NA
GDE1	4753.102	-0.08883	0.149861	-0.59276	0.553339	0.693776

C19orf60	1002.909	-0.16824	0.159632	-1.05389	0.291931	0.458755
CRLF1	9.691536	0.417674	0.703632	0.593597	0.552782	NA
OSBPL7	227.7669	-0.51777	0.179944	-2.87737	0.00401	0.025436
TMEM98	4149.372	-0.25198	0.122221	-2.06172	0.039235	0.118715
YBX2	3.088873	0.570823	1.2046	0.47387	0.635593	NA
MAP3K14	154.4831	-0.37858	0.23288	-1.62563	0.104029	0.229146
CCL18	690.9575	0.555668	0.578438	0.960635	0.336736	0.505637
CCL3	129.5902	1.233022	0.845776	1.457859	0.144879	0.286849
SYNRG	1491.945	-0.45124	0.137959	-3.27086	0.001072	0.010848
AP2B1	10468.13	-0.50642	0.114603	-4.41889	9.92E-06	6.26E-04
ZNF263	907.7474	0.023254	0.148049	0.157068	0.875191	0.925383
CX3CL1	72.8889	-2.45522	0.436132	-5.62955	1.81E-08	1.13E-05
SPATA20	2224.133	-0.35786	0.14409	-2.48356	0.013008	0.056459
CACNA1G	1.469987	0.110263	2.154214	0.051185	0.959178	NA
TNFRSF12A	2092.034	0.783633	0.718945	1.089975	0.275724	0.4413
TBXA2R	41.65907	-0.05022	0.346117	-0.1451	0.884628	NA
COX10	249.2949	-0.32463	0.182133	-1.78236	0.07469	0.182427
PAF1	2160.84	-0.25994	0.154462	-1.68285	0.092404	0.211681
ARHGAP44	11.09565	-0.26281	0.617104	-0.42587	0.670204	NA
ELAC2	3135.22	-0.29121	0.12687	-2.29538	0.021712	0.080102
PRSS21	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CCDC124	3091.217	-0.26378	0.148553	-1.7757	0.075783	0.184251
CEACAM21	60.26511	1.854226	0.470647	3.93974	8.16E-05	0.002244
PAFAH1B1	3525.493	0.17622	0.146933	1.199321	0.230403	0.392623
NOS2	2.311106	-0.28038	1.329609	-0.21087	0.832985	NA
DNAH9	2.986597	-2.10126	1.271864	-1.65211	0.098512	NA
KIAA0100	8590.239	-0.33305	0.171075	-1.94679	0.05156	0.141393
GAS7	11237.01	-0.32523	0.16928	-1.92128	0.054696	0.147336
MATK	88.03537	0.142644	0.359561	0.396717	0.691576	0.800491
CD79B	11.47476	-0.04336	0.841263	-0.05154	0.958897	NA
RPUSD1	1491.919	-0.14133	0.176429	-0.80105	0.423104	0.585422
RHBDF1	1883.363	-0.40983	0.128761	-3.18285	0.001458	0.013329
LUC7L	665.9153	0.440031	0.181273	2.427446	0.015206	0.0627
BAIAP3	6.305248	0.45637	0.795892	0.573408	0.566369	NA
TSR3	1515.333	-0.04678	0.126759	-0.36904	0.712095	0.816193
PIGQ	2791.551	-0.42604	0.13117	-3.24801	0.001162	0.011424
CRAMP1L	267.9718	-0.41192	0.24291	-1.69578	0.089928	0.207626
CYB561	1079.08	-0.25136	0.155548	-1.61598	0.1061	0.231919
SPAG9	2145.605	0.395422	0.273413	1.446243	0.148109	0.291231
MPND	538.6723	-0.30564	0.174738	-1.74916	0.080264	0.19184
NFIX	3876.603	-0.52505	0.170142	-3.08594	0.002029	0.016331
MMP25	3.873581	0.767519	1.124396	0.682606	0.494856	NA
IL32	8.134361	-0.70799	0.924297	-0.76597	0.443692	NA
PKD1	2718.885	-0.40412	0.190542	-2.12088	0.033932	0.107602
MED24	2097.306	-0.35976	0.122707	-2.93184	0.00337	0.022712
ZNF207	2406.105	0.070433	0.122639	0.574308	0.56576	0.702867
ZNF200	171.49	0.208061	0.192285	1.082046	0.279232	0.445471

MRC2	41.49896	0.84178	0.397885	2.115637	0.034376	NA
APBA3	508.4602	-0.15846	0.167314	-0.94706	0.343611	0.511875
MKS1	215.4389	-0.46461	0.222532	-2.08783	0.036813	0.113713
AKAP8L	814.142	-0.17933	0.148836	-1.2049	0.228241	0.389884
MBTD1	190.9717	0.439664	0.230782	1.905105	0.056766	0.151046
UTP18	1246.934	0.177209	0.14032	1.262897	0.206626	0.363668
TTC19	1404.576	0.126348	0.151955	0.831479	0.405703	0.56959
PTBP1	7636.596	-0.46331	0.138166	-3.35327	7.99E-04	0.009034
DPF1	55.40492	-0.40724	0.29183	-1.39548	0.162871	0.311174
PLAUR	303.8243	0.271397	0.237626	1.142119	0.253405	0.417475
WIZ	1994.253	-0.46809	0.150052	-3.11953	0.001811	0.015146
ZBTB32	1.519814	-0.07644	1.621533	-0.04714	0.962401	NA
TMEM159	1027.677	-0.35787	0.162884	-2.19706	0.028016	0.09476
BRCA1	541.7413	0.683684	0.28757	2.377454	0.017433	0.069026
CD22	7.490461	0.583562	0.793675	0.735267	0.462177	NA
PSMC4	2652.226	-0.16166	0.132773	-1.21753	0.223403	0.384238
SLC25A39	3772.438	-0.1215	0.131815	-0.92173	0.356672	0.524283
MVP	7864.005	-0.41553	0.144087	-2.88386	0.003928	0.025173
DPEP1	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
XYLT2	1301.054	-0.49783	0.150484	-3.30821	9.39E-04	0.009948
SRCIN1	145.9467	0.439456	0.329477	1.333798	0.18227	0.335165
RALBP1	2148.083	0.575372	0.177641	3.238961	0.0012	0.011696
SLC7A9	1.198617	1.916623	2.276885	0.841774	0.399915	NA
POU2F2	5.032808	1.84834	0.986511	1.873613	0.060984	NA
RABEP1	1839.923	0.674864	0.219421	3.075658	0.0021	0.016689
GRN	21051.74	-0.43316	0.142992	-3.02927	0.002451	0.018505
RANBP3	1954.72	-0.38638	0.133817	-2.88741	0.003884	0.024986
PNPLA6	5321.479	-0.43073	0.202833	-2.12354	0.033709	0.107222
ALG1	986.756	-0.32494	0.157589	-2.06197	0.03921	0.118672
ATP6V0A1	5162.058	-0.55191	0.156685	-3.52241	4.28E-04	0.006167
UHRF1	179.2254	-0.17356	0.294114	-0.59011	0.55512	0.695073
MAP2K3	2368.934	-0.23988	0.171795	-1.39629	0.162627	0.310808
GABARAPL1	3044.97	0.163997	0.136347	1.202788	0.229058	0.39083
TIMP2	51038.81	-0.44461	0.161667	-2.75017	0.005957	0.033246
TUBG2	582.5384	-0.09311	0.168034	-0.55414	0.579483	0.713595
MRI1	273.8837	-0.04575	0.198071	-0.23098	0.817331	0.890494
EDC4	1067.375	-0.5346	0.14607	-3.65993	2.52E-04	0.004475
CLEC16A	1351.469	-0.51241	0.160975	-3.18314	0.001457	0.013326
CDH1	1426.609	-1.47544	0.540702	-2.72875	0.006358	0.034652
FAM65A	2513.576	-0.50538	0.156159	-3.23629	0.001211	0.011777
BEST2	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
PHLPP2	199.3803	0.050646	0.211034	0.239988	0.810339	0.886567
CTNS	1640.773	-0.23912	0.167362	-1.42876	0.153074	0.297783
PHF23	2634.79	-0.21444	0.12756	-1.68107	0.09275	0.212269
RAB27B	2.857202	3.685639	1.624768	2.26841	0.023304	NA
DSG2	650.1259	0.269821	0.169292	1.593818	0.110977	0.238988
KIAA0556	1833.2	-0.82891	0.187571	-4.4192	9.91E-06	6.26E-04

TNFRSF17	0.850604	-2.33906	2.457452	-0.95182	0.341186	NA
SNX29	888.439	-0.56869	0.149382	-3.80696	1.41E-04	0.003125
EPN3	0.69238	0.295083	2.603008	0.113362	0.909743	NA
NEDD4L	3504.214	-0.26417	0.170846	-1.54626	0.122042	0.255395
BCAR1	2158.459	-0.36401	0.153493	-2.3715	0.017716	0.069636
HERPUD1	1957.411	-0.12809	0.149227	-0.85838	0.390685	0.555877
HOMER3	1255.163	-0.16983	0.145671	-1.16586	0.243673	0.406464
CYBA	9940.062	-0.09057	0.155776	-0.58138	0.560982	0.699164
PRSS8	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
USE1	759.1509	-0.02685	0.180034	-0.14915	0.881437	0.929417
LAMA3	18.16285	1.348893	0.521036	2.588869	0.009629	NA
USP36	1289.243	-0.26228	0.174273	-1.50496	0.132333	0.269509
PCGF2	1453.781	-0.31204	0.176572	-1.76722	0.077191	0.186754
POLR3E	951.4961	-0.0234	0.16072	-0.1456	0.884239	0.93146
FLYWCH1	3997.4	-0.5001	0.136415	-3.666	2.46E-04	0.004412
UNKL	411.4327	-0.1561	0.204807	-0.76219	0.445946	0.605647
CTDP1	1176.299	-0.29503	0.143159	-2.06082	0.03932	0.118943
CREB3L3	0.424115	1.932531	3.45462	0.559405	0.575885	NA
CDH3	5039.443	-0.7866	0.234655	-3.35216	8.02E-04	0.009053
VMP1	3423.992	0.072788	0.124886	0.582838	0.560002	0.698472
APPBP2	1201.19	0.266928	0.187059	1.426971	0.153588	0.298392
SEZ6	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
MED29	1437.777	-0.13201	0.132335	-0.99757	0.318487	0.486349
HAGH	1756.606	0.077471	0.174853	0.443066	0.657718	0.774252
DLX3	0.919554	0.143913	2.343626	0.061406	0.951036	NA
ATP2C2	1.356286	2.46466	2.147149	1.147875	0.25102	NA
NGFR	12188.7	0.314793	0.56426	0.557886	0.576922	0.711845
RFXANK	949.8087	-0.33478	0.17284	-1.93691	0.052757	0.143471
TMEM161A	672.732	-0.33292	0.152908	-2.17725	0.029462	0.097807
LPAR2	209.4335	-0.43239	0.217572	-1.98734	0.046884	0.133225
SUGP2	1768.666	-0.16195	0.169208	-0.95709	0.338524	0.507304
CNN2	1444.709	-0.31387	0.191099	-1.64247	0.100493	0.223642
ABCA7	755.2735	-0.48051	0.19027	-2.52544	0.011555	0.051969
SBNO2	3364.857	-0.54379	0.16283	-3.33963	8.39E-04	0.00931
HMG20B	31122.53	-0.20884	0.121405	-1.72021	0.085394	0.199635
AP3D1	6732.612	-0.44006	0.131102	-3.35662	7.89E-04	0.008985
SLC9A3R2	908.9821	0.073889	0.176228	0.419278	0.675013	0.787316
NTHL1	450.361	-0.12757	0.163459	-0.78046	0.435121	0.596166
WDR18	1524.497	-0.22548	0.123385	-1.82742	0.067636	0.170276
NTN1	8.314333	0.390938	0.798685	0.489477	0.624504	NA
GLP2R	0.288605	1.443619	4.029058	0.358302	0.720117	NA
KARS	3948.512	0.024301	0.130275	0.186537	0.852024	0.911895
ADAT1	747.7546	-0.37099	0.186285	-1.99154	0.046422	0.132419
MAP2K4	657.8379	0.279281	0.170163	1.641259	0.100744	0.22399
TLE2	272.2016	-0.15176	0.213194	-0.71185	0.476556	0.631541
PDE4A	1013.398	-0.27609	0.223555	-1.23499	0.216835	0.37618
ELAVL1	2284.704	-0.27275	0.120742	-2.25899	0.023884	0.085385

THUMPD1	585.8597	0.648193	0.211957	3.058136	0.002227	0.017335
ACSM2B	0.288605	1.443619	4.029058	0.358302	0.720117	NA
FECH	1404.69	-0.10327	0.14736	-0.7008	0.483429	0.637289
CACNB1	151.9644	-0.00976	0.213147	-0.0458	0.963466	0.980168
METTL22	264.5854	-0.19362	0.171695	-1.12771	0.259441	0.423872
DHX8	2173.742	-0.37484	0.14548	-2.57656	0.009979	0.047131
ROGDI	523.0759	-0.36539	0.190283	-1.92023	0.054829	0.147555
ROCK1	602.1651	0.78342	0.989982	0.791348	0.428741	0.590534
CBFB	1820.828	0.344606	0.163027	2.113798	0.034533	0.108908
IFI35	1058.372	-0.77206	0.197268	-3.91375	9.09E-05	0.002389
HEATR6	486.0522	-0.28124	0.160253	-1.75496	0.079266	0.190145
COASY	3211.343	-0.32193	0.207346	-1.55264	0.120509	0.252771
PLEKHH3	669.8565	-0.07918	0.160488	-0.4934	0.621731	0.746165
MEF2A	991.2641	0.783871	0.159528	4.913703	8.94E-07	1.53E-04
PRR11	884.0308	-0.35433	0.21552	-1.64405	0.100165	0.223272
SIRT2	3801.681	-0.17224	0.130789	-1.31696	0.187851	0.341909
SDK2	58.55295	-0.77934	0.359657	-2.16688	0.030244	0.099677
VPS35	4264.146	0.189635	0.150488	1.260132	0.207622	0.364808
DNAJA2	1959.411	0.209959	0.140981	1.489273	0.136416	0.275453
PLA2G10	0.911593	1.257757	2.250933	0.558771	0.576318	NA
SMG6	1356.071	-0.45138	0.146853	-3.07369	0.002114	0.016777
FGF22	7.698358	0.023891	0.770368	0.031013	0.975259	NA
FSTL3	2225.779	0.435599	0.634534	0.686487	0.492406	0.643732
RNF126	1490.017	-0.16921	0.144762	-1.16886	0.24246	0.405411
MNT	493.4098	-0.74631	0.224711	-3.32121	8.96E-04	0.009708
JMJD6	719.3924	0.069998	0.208132	0.336317	0.736632	0.833121
WIPI1	7251.177	-0.07281	0.138439	-0.52591	0.598954	0.728565
ST6GALNA(	4756.531	-0.47413	0.190104	-2.49406	0.012629	0.055268
C16orf80	738.6426	0.033469	0.1496	0.223722	0.822974	0.893194
CSNK2A2	1663.413	-0.19098	0.130858	-1.45947	0.144436	0.286335
TCF3	1648.962	-0.21085	0.147303	-1.43142	0.15231	0.296688
DAZAP1	2925.844	-0.16947	0.152288	-1.11286	0.265769	0.430423
MBD3	2539.33	-0.20416	0.170078	-1.20038	0.229992	0.392198
CDH19	914.9091	1.991757	0.250353	7.95579	1.78E-15	7.03E-12
PRKACA	2419.981	-0.41734	0.125976	-3.31287	9.23E-04	0.009851
LPHN1	684.5287	-0.53029	0.173877	-3.04981	0.00229	0.017639
EPN2	466.9214	-0.20803	0.162213	-1.28244	0.19969	0.355882
ALDH3A2	1175.365	0.011213	0.148864	0.075326	0.939956	0.966534
SREBF1	1983.074	-0.80709	0.148742	-5.42611	5.76E-08	2.35E-05
NFATC3	346.5416	-0.12649	0.155394	-0.81401	0.415639	0.578809
ACADVL	7345.683	0.085336	0.136673	0.62438	0.532378	0.676529
ACAP1	38.20801	0.287078	0.380989	0.753505	0.451146	NA
DERL2	992.8631	-0.00228	0.165193	-0.01379	0.988998	0.994535
NDE1	925.0197	-0.48861	0.174906	-2.79356	0.005213	0.030399
TMEM38A	159.0896	-0.12016	0.231916	-0.51812	0.604374	0.732942
AP1M1	2996.104	-0.39062	0.127138	-3.0724	0.002123	0.016805
XRCC1	636.7995	-0.48162	0.168886	-2.85176	0.004348	0.026845

LLGL2	118.2702	0.387433	0.311284	1.244627	0.213269	0.371973
NLE1	542.1213	-0.38405	0.150544	-2.55107	0.010739	0.049294
SMARCE1	1200.205	0.335132	0.165054	2.030445	0.042311	0.125119
FNDC8	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
GSDMB	19.06567	0.356151	0.504207	0.706359	0.479965	NA
ADAM11	69.12433	-0.4466	0.335883	-1.32963	0.183641	0.336932
TBX21	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
NSF	1637.097	0.013277	0.128861	0.103036	0.917935	0.952399
MRPS34	3671.548	-0.0741	0.148481	-0.49903	0.617761	0.742604
NOTCH3	58.84949	-0.44614	0.403924	-1.10453	0.269365	0.433993
C17orf85	676.7396	0.226268	0.193126	1.171611	0.241353	0.404426
ATP2A3	28.59779	-0.12161	0.398564	-0.30513	0.760267	NA
ZNF532	666.2102	-0.07177	0.188351	-0.38103	0.703178	0.809337
SCARF1	9.803091	-0.4562	0.633562	-0.72006	0.471486	NA
LMAN1	1747.017	0.42864	0.150811	2.842226	0.00448	0.027376
ZZEF1	2490.924	-0.49744	0.146684	-3.39127	6.96E-04	0.008269
C19orf10	4605.456	-0.09138	0.173576	-0.52644	0.598584	0.728207
ANO8	311.8335	-0.15254	0.224563	-0.67928	0.496962	0.648128
TIMM21	460.7873	0.499748	0.182439	2.739265	0.006158	0.033906
VPS9D1	325.8217	-0.26433	0.191412	-1.38096	0.167293	0.316783
CACNG4	0.384806	1.846216	3.999752	0.461582	0.644381	NA
MOCOS	84.02738	-0.32194	0.281061	-1.14543	0.252029	0.415977
WDR62	447.0978	-0.53059	0.273196	-1.94216	0.052118	0.142371
RGS11	76.31178	-0.03161	0.457648	-0.06906	0.94494	0.969441
SLC46A1	99.3018	-0.00533	0.23662	-0.02254	0.982014	0.990311
SPAG5	348.1858	-0.54934	0.311798	-1.76184	0.078097	0.188276
TRAF4	1854.11	-0.05184	0.125676	-0.41251	0.679966	0.791153
GPATCH1	250.5032	0.006423	0.188547	0.034067	0.972824	0.985082
ICAM3	439.2771	-0.02009	0.180975	-0.11101	0.911607	0.948657
CAMSAP3	2.447462	1.62042	1.409383	1.149737	0.250252	NA
XAB2	1315.8	-0.46077	0.137353	-3.35466	7.95E-04	0.008997
ARHGEF1	2652.706	-0.2838	0.14947	-1.8987	0.057604	0.152569
STXBP2	489.8604	-0.51191	0.18731	-2.73298	0.006276	0.034384
MAP2K7	1160.973	-0.33166	0.141061	-2.35116	0.018715	0.072265
NMRK2	1.740418	-2.59874	1.85112	-1.40387	0.160356	NA
GTF3C1	3807.315	-0.70669	0.150527	-4.69477	2.67E-06	2.93E-04
IL4R	430.2945	-0.02831	0.23522	-0.12035	0.904204	0.944186
SNRPA	1176.897	-0.41637	0.157704	-2.64023	0.008285	0.041548
EXOSC5	716.1892	-0.1561	0.195152	-0.79987	0.423788	0.585958
SIRT6	603.8759	-0.27814	0.181735	-1.53049	0.125896	0.260971
PIAS2	608.6033	0.310637	0.167612	1.853313	0.063837	0.164285
PIK3C3	1099.14	0.653748	0.184426	3.544765	3.93E-04	0.005852
TNRC6C	160.05	0.015706	0.243954	0.064381	0.948667	0.971279
CLUL1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
THOC1	227.3836	0.917271	0.245074	3.742829	1.82E-04	0.003659
REXO1	890.0126	-0.44191	0.171526	-2.57633	0.009986	0.047145
CEACAM1	1169.942	-0.1941	0.772455	-0.25128	0.801601	0.880721

CIC	5116.774	-0.5254	0.185169	-2.83742	0.004548	0.027635
LIPE	953.3048	-0.34287	0.257151	-1.33333	0.182422	0.335341
PAFAH1B3	634.3358	-0.25946	0.221358	-1.17214	0.241141	0.404398
KIF22	1103.622	-0.37753	0.173428	-2.17688	0.02949	0.097872
DNM2	6129.106	-0.35537	0.128123	-2.77371	0.005542	0.031817
KEAP1	2483.404	-0.26893	0.198318	-1.35608	0.175073	0.327007
RDH8	1.856284	1.630743	1.919775	0.849445	0.395634	NA
COL5A3	635.7648	-0.40005	0.285603	-1.40072	0.161297	0.308963
SRCAP	3288.938	-0.76507	0.204886	-3.73413	1.88E-04	0.003747
NDC80	209.66	0.851189	0.275042	3.094764	0.00197	0.016038
CDH7	6.922962	0.515956	0.814335	0.633593	0.526347	NA
ZNF506	123.1055	0.165048	0.252082	0.654737	0.512637	0.659932
PHLPP1	1610.303	-0.78697	0.214422	-3.6702	2.42E-04	0.004373
ATP8B1	205.3258	0.675421	0.226253	2.985246	0.002834	0.020371
ME2	1530.258	0.42495	0.160434	2.648749	0.008079	0.040855
EPB41L3	4256.791	0.325076	0.14469	2.246701	0.024659	0.086963
NFE2L1	11924.88	-0.29028	0.14864	-1.95291	0.05083	0.140234
PALB2	410.0601	0.489737	0.193392	2.532351	0.01133	0.051175
ULK2	965.2404	-0.14328	0.175417	-0.81678	0.414053	0.577278
ITGAE	782.2597	0.300607	0.175663	1.711269	0.087031	0.20251
CYLD	1286.207	0.664388	0.179967	3.691723	2.23E-04	0.004158
SEH1L	613.3652	0.319565	0.148228	2.155894	0.031092	0.101597
ZNF213	406.7957	-0.43149	0.180056	-2.39639	0.016557	0.066625
RRN3	1112.013	0.333373	0.152499	2.186073	0.02881	0.096427
CHERP	853.3212	-0.63129	0.205464	-3.0725	0.002123	0.016805
MRPL28	2036.392	-0.14509	0.138177	-1.05005	0.293697	0.460918
HBQ1	2.337659	0.598536	1.358735	0.440509	0.659568	NA
ITPKC	596.9116	-0.2803	0.183949	-1.5238	0.127557	0.263448
CEACAM6	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HSD17B2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NLK	804.7145	0.210763	0.198097	1.063942	0.287355	0.453569
PIGS	1793.603	-0.40386	0.125265	-3.22401	0.001264	0.012046
ATXN7L3	2302.023	-0.18446	0.154738	-1.19206	0.233237	0.395796
PGS1	688.504	-0.12369	0.15532	-0.79639	0.425808	0.587731
PSMC5	2334.8	0.079171	0.134003	0.590819	0.554642	0.694914
CETP	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MMP2	6837.1	-1.05196	0.231899	-4.53629	5.73E-06	4.59E-04
LPCAT2	2121.075	0.311567	0.16722	1.863211	0.062433	0.161813
GNAO1	9.048338	-1.54171	0.727946	-2.11789	0.034184	NA
OGFOD1	1433.984	-0.09981	0.154362	-0.64662	0.517875	0.665014
RFX2	85.78793	-0.02807	0.306931	-0.09147	0.92712	0.958156
METTL2A	347.0087	-0.02557	0.18855	-0.13561	0.892131	0.936777
KHSRP	6678.083	-0.55093	0.128283	-4.29464	1.75E-05	8.56E-04
GNA11	2696.56	-0.43287	0.148444	-2.91604	0.003545	0.023597
COQ9	1150.304	-0.16777	0.128635	-1.30422	0.192158	0.346798
ARHGAP28	7.162083	-0.06835	0.810679	-0.08431	0.932812	NA
FUS	5248.436	-0.36743	0.176448	-2.08239	0.037307	0.114667

FXYD5	3181.744	-0.10914	0.211524	-0.51597	0.605876	0.734172
ZNF302	320.2302	0.982367	0.265844	3.695271	2.20E-04	0.00412
GRAMD1A	1528.71	-0.2744	0.148634	-1.84612	0.064875	0.166004
FXYD3	1320.093	-0.14744	0.162609	-0.90669	0.364573	0.531934
CDIP1	519.372	-0.87906	0.237525	-3.70093	2.15E-04	0.004068
CMTM1	15.55637	0.842529	0.595323	1.415246	0.156996	NA
KCNH4	3.148685	-0.55529	1.348711	-0.41172	0.680548	NA
GMIP	1222.27	-0.45625	0.166338	-2.74289	0.00609	0.033785
BIRC5	598.6172	-0.45869	0.267152	-1.71696	0.085986	0.200742
ANKRD24	3.494367	-0.73973	1.137243	-0.65046	0.515397	NA
LTBP4	1601.383	-0.36173	0.129599	-2.79112	0.005253	0.030564
BLVRB	1713.807	-0.12098	0.151825	-0.79687	0.425525	0.587538
YPEL3	352.2475	0.285668	0.230088	1.241557	0.2144	0.373397
ICAM1	669.3405	-0.56274	0.154959	-3.63156	2.82E-04	0.004744
TFAP4	320.2602	-0.4771	0.179458	-2.65855	0.007848	0.040153
RAB11FIP3	1699.219	-0.26116	0.167547	-1.55871	0.119066	0.250759
GNPTG	2615.359	-0.01151	0.124512	-0.09244	0.926347	0.958156
CERS4	1658.532	-0.55238	0.235947	-2.34112	0.019226	0.073619
MCOLN1	2330.784	-0.28095	0.169157	-1.6609	0.096733	0.21817
PDPR	1149.541	-0.52391	0.189264	-2.76814	0.005638	0.032121
AARS	5343.845	-0.42619	0.132736	-3.21083	0.001324	0.012443
GLG1	3393.794	-0.46033	0.141137	-3.26161	0.001108	0.01108
TNRC6A	1144.861	0.221867	0.195338	1.13581	0.256036	0.420246
FCGBP	0.668852	1.246964	2.610519	0.477669	0.632886	NA
PLEKHG2	429.8733	-0.33028	0.167045	-1.97718	0.048021	0.135192
DLL3	534.9751	-1.30318	0.642658	-2.0278	0.042581	0.125539
WDR7	887.9932	-0.02646	0.167365	-0.15808	0.874392	0.925145
TXNL1	1451.969	0.082861	0.139132	0.595556	0.551472	0.692479
ABCC6	3.507438	-0.09287	1.398622	-0.0664	0.947059	NA
MYO15A	4.869449	0.482956	0.948644	0.509102	0.610681	NA
ALKBH5	1743.014	-0.49721	0.16516	-3.01048	0.002608	0.019343
NLRP1	493.9614	0.30983	0.358473	0.864305	0.38742	0.553358
PITPNM3	7.88232	0.095783	0.736425	0.130065	0.896515	NA
SPAG7	1655.231	0.047521	0.138472	0.343184	0.73146	0.829805
ORC6	446.4876	0.572578	0.221781	2.581721	0.009831	0.046688
TMEM101	1315.38	-0.23151	0.140298	-1.65012	0.098918	0.221761
RFFL	128.854	-0.17605	0.216187	-0.81434	0.415448	0.578747
UNC13D	20.54652	-0.70641	0.480808	-1.46922	0.141773	NA
MFSD11	604.7169	0.193789	0.213602	0.907245	0.364277	0.531639
CDC6	555.4706	0.408802	0.258718	1.580108	0.114082	0.243201
DHPS	1640.175	-0.15517	0.159286	-0.97417	0.329974	0.498197
HOOK2	302.0364	-0.10637	0.169774	-0.62655	0.530957	0.675555
NUBP2	1729.03	-0.15718	0.155238	-1.0125	0.3113	0.478807
C19orf77	0.938495	0.819106	2.155823	0.379951	0.703982	NA
IL12RB1	32.65073	-0.02356	0.419904	-0.05611	0.955256	NA
TMED1	537.3295	-0.27609	0.19309	-1.42988	0.152753	0.297301
MAST3	484.7764	-0.68305	0.179021	-3.81546	1.36E-04	0.003063

OCEL1	736.6253	-0.09367	0.181427	-0.5163	0.605647	0.734104
MYO9B	12261.14	-0.36118	0.168758	-2.14022	0.032337	0.104486
KCNK6	94.86872	0.534028	0.26949	1.981624	0.047521	0.134231
CATSPERG	4.17502	-0.14877	0.984148	-0.15116	0.879847	NA
PSMD8	8977.649	0.081437	0.167322	0.48671	0.626464	0.749266
FBXL19	1197.936	-0.32429	0.161477	-2.00825	0.044616	0.129054
STX1B	23.714	-0.38019	0.422619	-0.89962	0.368325	NA
HSD3B7	544.2087	-0.22012	0.204922	-1.07417	0.282748	0.449137
SETD1A	1098.941	-0.45024	0.189505	-2.37589	0.017507	0.069134
BCL7C	734.3155	-0.29149	0.15693	-1.85742	0.063252	0.163152
EFNA2	5.476309	0.47379	1.061186	0.446472	0.655256	NA
CIRBP	3404.09	-0.40715	0.160448	-2.53757	0.011162	0.050662
ATP5D	2973.63	-0.17438	0.149697	-1.16489	0.244063	0.406771
C19orf26	262.0672	-0.01738	0.231591	-0.07503	0.940188	0.966605
IGFALS	1.958606	1.668876	1.598728	1.043877	0.296542	NA
HNRNPM	5092.607	-0.29178	0.149143	-1.9564	0.050419	0.139392
2-Mar	1540.877	-0.14362	0.15958	-0.9	0.368119	0.535269
NDUFB7	3392.163	0.052544	0.161733	0.324879	0.745273	0.83953
TECR	4026.946	-0.17845	0.18583	-0.96028	0.336916	0.505844
TIMM13	2905.105	-0.13785	0.154094	-0.8946	0.371003	0.53772
CDC34	2105.232	-0.02884	0.149124	-0.19338	0.846665	0.908806
MISP	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
POLR2E	6595.136	-0.24068	0.13227	-1.81961	0.068818	0.172582
POLRMT	1444.851	-0.47694	0.136067	-3.50519	4.56E-04	0.00643
HCN2	118.3863	-0.00676	0.268416	-0.02517	0.97992	0.98935
IZUMO4	6.417751	-0.18881	1.026509	-0.18393	0.854067	NA
GADD45B	450.1923	0.470651	0.343939	1.368417	0.171182	0.322069
PALM	1298.253	-0.30806	0.14259	-2.16048	0.030736	0.100766
MADCAM1	19.13758	0.09434	0.476145	0.198132	0.842941	NA
MKNK2	2104.828	-0.55398	0.167008	-3.3171	9.10E-04	0.009767
TELO2	1322.259	-0.42525	0.146361	-2.90549	0.003667	0.024136
CELF4	0.629726	-0.22725	2.732935	-0.08315	0.93373	NA
ZNF516	847.0703	-0.32861	0.202564	-1.62223	0.104754	0.230145
CDH20	4.440836	1.670105	1.163784	1.435064	0.151269	NA
ADNP2	526.437	-0.28535	0.180736	-1.57882	0.114377	0.243611
RBFA	402.4224	-0.03724	0.179005	-0.20806	0.835182	0.901409
USP14	2295.147	0.143563	0.13802	1.040159	0.298266	0.465256
VAPA	2361.365	0.164485	0.133116	1.235656	0.216586	0.375824
METTL4	232.3618	0.51496	0.212657	2.421553	0.015454	0.06322
LPIN2	501.2739	0.109212	0.185343	0.589242	0.555699	0.695357
SMCHD1	748.3107	0.562762	0.343006	1.640676	0.100865	0.22419
MYOM1	8.491556	0.231801	0.765857	0.302669	0.762142	NA
MYL12A	8945.158	0.334832	0.210259	1.592472	0.111279	0.239458
CEP76	149.2275	0.386401	0.234894	1.645001	0.09997	0.223198
ST8SIA5	20.69308	1.008262	0.632652	1.593706	0.111002	NA
CEP192	465.9637	0.43662	0.237994	1.834583	0.066567	0.168551
RNMT	891.0538	0.586106	0.19477	3.009216	0.002619	0.019392

SMAD7	192.1765	0.237896	0.206976	1.149386	0.250397	0.41401
LIPG	83.09492	-0.96367	0.380305	-2.53394	0.011279	0.051071
LAMA1	2763.708	-0.2976	0.147623	-2.01592	0.043809	0.127605
RNF125	288.6433	0.276788	0.218848	1.264753	0.20596	0.363018
ANKRD12	302.171	0.933785	1.138047	0.820515	0.411922	0.575044
POLI	288.4957	0.681579	0.288694	2.360903	0.018231	0.070953
MIB1	1331.444	0.464658	0.26591	1.747429	0.080563	0.192203
RBBP8	364.8359	1.134861	0.252437	4.495619	6.94E-06	5.14E-04
RIOK3	906.0433	0.805215	0.170234	4.730048	2.24E-06	2.66E-04
ACP5	6036.816	-0.62975	0.163408	-3.85384	1.16E-04	0.002815
MSLN	1.724412	-1.02404	1.531319	-0.66873	0.503667	NA
MGRN1	2651.753	-0.73768	0.148771	-4.95851	7.10E-07	1.26E-04
ZNF629	782.8514	-0.48327	0.167419	-2.88659	0.003894	0.025037
TRADD	1151.435	-0.21207	0.153568	-1.38092	0.167302	0.316783
HSF4	445.0446	0.244244	0.2319	1.053233	0.292234	0.458987
CORO1A	18.07488	-0.40891	0.535979	-0.76292	0.445514	NA
MAPK3	2333.18	-0.33732	0.166025	-2.03177	0.042177	0.124939
GDPD3	5.138027	-0.08834	0.889347	-0.09933	0.920874	NA
ELMO3	32.547	0.062398	0.418341	0.149155	0.881431	NA
PHKB	837.9457	0.19741	0.220069	0.897039	0.369698	0.536613
LYRM1	308.583	0.32629	0.177763	1.835531	0.066427	0.168375
NUTF2	1311.434	-0.26968	0.195019	-1.38283	0.166716	0.316127
NUP93	1995.15	-0.41603	0.130358	-3.19142	0.001416	0.013072
CENPT	623.3415	0.031248	0.155843	0.200508	0.841083	0.905336
TSNAXIP1	46.02354	0.575503	0.333324	1.726555	0.084248	NA
NFAT5	696.0417	0.3485	0.190566	1.828768	0.067434	0.169948
LONP2	3118.571	-0.15856	0.131414	-1.20654	0.22761	0.389254
N4BP1	1245.961	-0.19968	0.166393	-1.20006	0.230116	0.392295
CBLN1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ARL2BP	1333.352	-0.06966	0.143095	-0.48679	0.62641	0.749266
PLLP	28.4561	0.354211	0.389587	0.909196	0.363246	NA
ZNF423	2.311106	-0.28038	1.329609	-0.21087	0.832985	NA
DHODH	209.9448	-0.23769	0.192656	-1.23377	0.217287	0.37671
CCL17	2.307108	-0.86877	1.445999	-0.60081	0.547966	NA
CTCF	1384.79	-0.11058	0.134018	-0.8251	0.409313	0.572795
ACD	584.9111	-0.31247	0.170645	-1.8311	0.067086	0.169467
POLR2C	1901.445	-0.05695	0.149598	-0.38071	0.70342	0.809538
PARD6A	45.58421	0.708188	0.39201	1.806557	0.070831	NA
ZNF821	202.9321	-0.31949	0.195441	-1.63474	0.102104	0.226082
MMP15	905.4114	-0.52239	0.153296	-3.40768	6.55E-04	0.007966
USB1	1403.933	-0.06936	0.159248	-0.43557	0.663147	0.778531
CYB5B	3094.961	-0.049	0.147656	-0.33183	0.740019	0.835857
CCDC113	16.16604	0.30412	0.612156	0.496801	0.61933	NA
NME3	762.3376	0.030855	0.183709	0.167954	0.866619	0.920772
NDRG4	16.80936	0.107449	0.525977	0.204285	0.838131	NA
PSMD7	1324.385	0.371188	0.128784	2.882239	0.003949	0.025262
SETD6	202.7712	0.153506	0.188279	0.815312	0.414894	0.578178

SLC38A7	1187.523	-0.40027	0.165041	-2.42525	0.015298	0.062857
VAC14	2240.531	-0.48306	0.143969	-3.35527	7.93E-04	0.008995
HAS3	25.50552	-0.43199	0.441962	-0.97743	0.328358	NA
TANGO6	1072.553	-0.22874	0.175666	-1.30215	0.192867	0.347688
COG4	2179.381	-0.29388	0.130908	-2.24494	0.024772	0.08722
SMPD3	8.395275	0.460372	0.77451	0.594404	0.552242	NA
SLC7A6OS	303.7404	0.02561	0.1672	0.153169	0.878265	0.926986
SLC7A6	926.8276	-0.18837	0.200935	-0.93748	0.348512	0.516513
PLA2G15	2498.464	-0.28295	0.152166	-1.85946	0.062962	0.162583
ESRP2	2.422097	-0.98393	1.262327	-0.77946	0.435711	NA
FA2H	0.096202	0.408546	4.079639	0.100143	0.920231	NA
WDR59	919.9561	-0.12837	0.13905	-0.92316	0.355923	0.523878
MON1B	1854.507	-0.23157	0.142471	-1.62541	0.104076	0.229164
CMC2	901.2349	0.135952	0.149912	0.90688	0.36447	0.531856
AXIN1	1258.081	-0.16232	0.179928	-0.90216	0.366974	0.534224
HCFC1R1	2370.634	0.045887	0.203458	0.225536	0.821563	0.892561
NPRL3	1589.023	-0.48763	0.163121	-2.9894	0.002795	0.020255
MLYCD	589.8599	-0.03234	0.171174	-0.18896	0.850125	0.910747
MPG	1551.149	-0.04436	0.197177	-0.22496	0.822012	0.892885
NECAB2	12.52999	-0.62601	0.638083	-0.98108	0.326552	NA
HSDL1	1022.935	0.136952	0.1502	0.911798	0.361875	0.52898
TAF1C	703.4771	-0.05699	0.172199	-0.33094	0.74069	0.836509
NAGPA	765.3604	-0.36337	0.159434	-2.27912	0.02266	0.082252
WFDC1	496.3632	-0.08672	0.223142	-0.38862	0.697559	0.805171
SEC14L5	22.32269	-2.03201	0.775529	-2.62016	0.008789	NA
COTL1	5413.771	-0.49376	0.201538	-2.44997	0.014287	0.060039
USP10	1446.485	-0.3018	0.127016	-2.37608	0.017498	0.069122
CRISPLD2	12.37998	0.216115	0.690652	0.312915	0.754345	NA
TSC2	2420.701	-0.53091	0.133991	-3.96226	7.42E-05	0.002116
ZNF500	357.1766	-0.34651	0.186093	-1.86201	0.062602	0.161941
NME4	5735.867	-0.18039	0.126369	-1.42747	0.153444	0.298209
ABCC1	967.3039	-0.62003	0.177988	-3.48353	4.95E-04	0.006751
NOMO3	186.2936	-0.36515	0.238752	-1.52939	0.126167	0.261259
LMF1	757.7953	-0.4967	0.135406	-3.66822	2.44E-04	0.004387
FOXF1	0.815245	1.670886	2.214146	0.754641	0.450464	NA
NARFL	828.0422	-0.17582	0.149061	-1.17952	0.23819	0.401059
MTHFSD	282.6403	-0.28619	0.171812	-1.66574	0.095766	0.21662
CLCN7	12825.84	-0.53933	0.161513	-3.33922	8.40E-04	0.00931
HAGHL	1225.057	-0.18952	0.157055	-1.20669	0.22755	0.389209
FAM173A	810.2287	-0.02395	0.145082	-0.16507	0.868891	0.922011
SLC7A5	19180.39	-0.80037	0.153819	-5.20329	1.96E-07	5.16E-05
METRN	2601.844	-0.21475	0.149722	-1.4343	0.151487	0.295469
FBXO31	1421.96	-0.45668	0.142208	-3.21137	0.001321	0.012431
STUB1	2317.138	-0.06644	0.136505	-0.48671	0.626464	0.749266
RHBDL1	27.03245	-0.2898	0.420822	-0.68865	0.491044	NA
NUBP1	414.2923	0.066971	0.18495	0.362105	0.717273	0.819751
UBE2I	2675.499	-0.25017	0.130492	-1.91711	0.055224	0.148327

MEFV	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CRYM	20.40004	-0.18259	0.544146	-0.33556	0.737203	NA
EEF2K	724.8643	-0.71267	0.152317	-4.67888	2.88E-06	2.97E-04
CAPN15	973.6524	-0.3884	0.169046	-2.29762	0.021584	0.079801
PIEZO1	4195.57	-0.39366	0.187153	-2.1034	0.035431	0.110885
GSPT1	3659.481	0.016482	0.124193	0.132711	0.894422	0.938268
ZNF174	320.5175	-0.28926	0.180803	-1.59987	0.109627	0.237028
CLUAP1	306.8252	0.465573	0.225268	2.066757	0.038757	0.117691
UBFD1	2322.246	-0.38073	0.132178	-2.88042	0.003972	0.025354
EARS2	931.1938	-0.22888	0.158711	-1.44211	0.14927	0.292786
TCEB2	5818.775	-0.05249	0.181049	-0.28995	0.771857	0.858857
GGA2	3132.787	-0.29412	0.136483	-2.15496	0.031165	0.101725
CPPED1	2249.447	-0.16352	0.157997	-1.03495	0.300691	0.4675
USP31	338.5518	-0.1043	0.195904	-0.53239	0.594453	0.724801
HMOX2	2331.294	0.005477	0.127972	0.042802	0.96586	0.981339
DNAJA3	1477.161	-0.03285	0.126645	-0.25938	0.795345	0.876284
BFAR	3039.133	-0.141	0.132511	-1.06409	0.287288	0.453569
SALL1	1.180005	-1.57876	2.139972	-0.73775	0.460668	NA
TOX3	69.99333	-0.47358	0.329479	-1.43737	0.150612	0.294428
RRN3P2	5.762652	-0.05091	0.861995	-0.05906	0.952903	NA
RBL2	1353.538	0.389025	0.158762	2.450367	0.014271	0.060039
QPRT	10470.01	-0.28427	0.152113	-1.86882	0.061648	0.16029
XYLT1	1246.726	0.227293	0.197681	1.149798	0.250227	0.413909
PYCARD	1073.424	-0.5624	0.261169	-2.1534	0.031287	0.102008
RPGRIP1L	174.2649	0.6484	0.300651	2.156652	0.031033	0.101516
MAZ	1127.925	-0.45872	0.208258	-2.20267	0.027618	0.093949
STX4	1171.004	-0.01485	0.144143	-0.10304	0.917935	0.952399
CDIPT	4210.498	-0.134	0.159359	-0.84087	0.400421	0.565252
BCKDK	1828.102	-0.29478	0.141681	-2.08059	0.037472	0.115025
KAT8	643.4628	-0.23385	0.143077	-1.63443	0.102168	0.226182
NOMO1	1313.442	-0.40635	0.202244	-2.00922	0.044514	0.128924
SYT17	0.853323	-0.46916	2.317774	-0.20242	0.839588	NA
TMC5	2.801193	0.592885	1.253673	0.472918	0.636271	NA
CCP110	275.752	0.856578	0.342078	2.50404	0.012278	0.054213
C16orf62	2270.113	-0.46787	0.139186	-3.36144	7.75E-04	0.00889
RNF40	3352.551	-0.4057	0.142631	-2.84437	0.00445	0.027291
KNOP1	225.7628	-0.03541	0.183164	-0.1933	0.84672	0.908806
TTC23	643.0176	0.167808	0.182117	0.921428	0.356827	0.524381
KLHDC4	323.7416	-0.30495	0.186316	-1.63675	0.101682	0.225359
MAN2B1	3775.785	-0.44904	0.136411	-3.29179	9.96E-04	0.010321
KCNN4	27.5129	0.345294	0.691353	0.499448	0.617464	NA
MAP4K1	9.154904	-0.7914	0.69599	-1.13709	0.255501	NA
ECH1	1682.126	-3.27E-04	0.140308	-0.00233	0.998138	0.999318
HNRNPL	4923.5	-0.46575	0.155994	-2.98568	0.002829	0.020359
NFKBIB	1734.56	0.121854	0.216855	0.561917	0.574173	0.709634
TUBB4A	1929.507	-0.83176	0.158634	-5.24329	1.58E-07	4.45E-05
SARS2	19.01493	-0.26512	0.486809	-0.5446	0.586028	NA

ARHGEF18	881.2572	-0.46774	0.155466	-3.00864	0.002624	0.019406
PEX11G	74.95599	-0.35312	0.272375	-1.29646	0.194817	0.349933
DOT1L	578.6836	-0.63298	0.204997	-3.08775	0.002017	0.016256
PLEKHJ1	1026.876	-0.26374	0.151349	-1.74257	0.081409	0.193523
RNASEH2A	974.0827	-0.1981	0.15578	-1.27168	0.203486	0.359941
SF3A2	1100.151	-0.49035	0.167442	-2.92847	0.003406	0.022866
AMH	4.809433	-0.45179	0.957788	-0.4717	0.637141	NA
LYL1	110.3173	-0.12685	0.25131	-0.50474	0.613738	0.740094
OAZ1	14803.74	-0.00881	0.136172	-0.06469	0.948422	0.971147
TRMT1	912.199	-0.17894	0.142579	-1.25503	0.209468	0.367072
STX10	1549.586	0.034655	0.160166	0.21637	0.828699	0.896738
TLE6	39.51403	-0.3937	0.353879	-1.11254	0.265906	NA
CCDC130	681.5034	3.11E-04	0.152778	0.002033	0.998378	0.999371
AES	8713.714	-0.08058	0.151421	-0.53214	0.594628	0.724939
SGTA	3057.688	-0.23469	0.127707	-1.83769	0.066108	0.167818
SNAPC2	1021.692	-0.12347	0.138017	-0.89464	0.370982	0.53772
C19orf53	3584.488	0.081122	0.178828	0.45363	0.650095	0.768075
TIMM44	1010.056	0.009947	0.144154	0.069	0.94499	0.969441
IL27RA	88.8479	0.164141	0.287075	0.571771	0.567477	0.704296
ASF1B	533.1976	-0.32231	0.23815	-1.35339	0.175931	0.328088
FAM32A	3307.633	0.171977	0.132531	1.297629	0.194415	0.349475
C19orf44	150.4041	-0.10065	0.21059	-0.47795	0.632685	0.754704
MED26	174.238	-0.41138	0.214312	-1.91955	0.054915	0.147724
OLFM2	99.30955	-0.07375	0.358296	-0.20583	0.836925	0.902391
RASAL3	3.174787	1.674832	1.208817	1.385513	0.165896	NA
AKAP8	741.7989	0.10755	0.166925	0.644302	0.51938	0.666441
EPHX3	3.435195	-0.69272	1.112681	-0.62257	0.533566	NA
ILVBL	5781.975	-0.52164	0.162583	-3.20843	0.001335	0.012508
SYDE1	4389.122	-0.29251	0.141167	-2.07208	0.038258	0.116684
POP4	1011.428	0.154228	0.14696	1.049458	0.293967	0.461117
CCNE1	343.5553	0.102045	0.19972	0.510941	0.609393	0.736502
URI1	1478.217	0.479501	0.186322	2.573504	0.010067	0.047417
PDCD5	816.048	0.614703	0.169742	3.621397	2.93E-04	0.004852
ANKRD27	783.3068	0.125106	0.138132	0.9057	0.365094	0.532373
RPS16	25739.14	-0.05529	0.158657	-0.34847	0.72749	0.827121
TIMM50	3182.474	-0.31967	0.123666	-2.58497	0.009739	0.046367
FBL	2709.581	-0.31433	0.167074	-1.88136	0.059922	0.157094
DYRK1B	1339.222	-0.42698	0.195774	-2.18099	0.029184	0.097105
CNTD2	0.87074	0.675988	2.012127	0.335957	0.736903	NA
GPI	9383.406	-0.39672	0.125304	-3.16605	0.001545	0.013793
AKT2	4211.479	-0.46513	0.143942	-3.23135	0.001232	0.011864
PLD3	9500.401	-0.37299	0.113168	-3.2959	9.81E-04	0.010195
PRX	149.1331	-0.50098	0.239953	-2.08782	0.036814	0.113713
PIAS4	579.0217	-0.3946	0.169334	-2.33032	0.019789	0.075121
NUMBL	485.0037	-0.18011	0.210892	-0.85404	0.393084	0.558152
EBI3	1.009228	2.053856	2.077371	0.98868	0.322819	NA
CCDC94	625.3503	-0.22486	0.175307	-1.28265	0.199615	0.355802

SHD	0.327913	1.543154	4.021063	0.383768	0.701151	NA
TBCB	2536.765	-0.1964	0.129209	-1.52002	0.128505	0.264779
FSD1	63.40428	0.435061	0.322437	1.349287	0.177245	0.329394
POLR2I	221.6747	0.0307	0.199851	0.153612	0.877916	0.926876
OVOL3	0.258578	1.233151	4.047809	0.304646	0.760635	NA
CLIP3	1106.629	-0.58162	0.167693	-3.46837	5.24E-04	0.006967
ZFR2	1.656722	0.713654	1.587909	0.44943	0.653122	NA
TJP3	2.658018	0.523981	1.240973	0.422234	0.672854	NA
APLP1	70.41939	0.363324	0.515524	0.704766	0.480956	0.635361
CACTIN	369.0683	-0.20541	0.192426	-1.06747	0.285758	0.452292
HNRNPUL1	7026.251	-0.40777	0.136461	-2.98819	0.002806	0.020298
FZR1	1578.588	-0.45168	0.179935	-2.51024	0.012065	0.053649
TGFB1	2909.643	0.043641	0.294682	0.148094	0.882268	0.930128
ATP5SL	1652.466	-0.20815	0.126471	-1.64584	0.099796	0.223181
PLIN3	3388.652	-0.24637	0.147063	-1.67525	0.093886	0.214014
MRPL4	1237.774	-0.12434	0.156422	-0.79492	0.426658	0.588485
CD79A	4.13239	7.15E-04	1.170226	6.11E-04	0.999512	NA
RPS19	26096.01	0.076786	0.153212	0.501173	0.616249	0.742141
ICAM5	24.11163	0.616008	0.44055	1.39827	0.162032	NA
BABAM1	656.4684	-0.07516	0.144018	-0.52189	0.601748	0.730914
TYK2	2070.904	-0.33508	0.138611	-2.41738	0.015633	0.063752
CDC37	7992.396	-0.07971	0.138411	-0.57591	0.564674	0.702288
RABAC1	5916.723	0.051173	0.125609	0.407398	0.683716	0.794262
ATP1A3	13.77016	-0.11748	0.601986	-0.19515	0.845273	NA
PTPRS	3431.341	-0.65361	0.170518	-3.83307	1.27E-04	0.002972
CNFN	35.67279	0.237304	0.407065	0.582963	0.559918	NA
MEGF8	6294.716	-0.66155	0.165767	-3.99087	6.58E-05	0.001943
RAB3D	575.4899	-0.38967	0.188285	-2.06959	0.038491	0.117153
TMEM205	698.4835	-0.12057	0.151729	-0.79461	0.426838	0.588596
CAPS	83.53	0.286943	0.2492	1.151456	0.249545	0.413409
	2171.285	-0.19284	0.171011	-1.12765	0.259467	0.423872
MIER2	460.5619	-0.25816	0.150387	-1.71661	0.08605	0.200851
TNPO2	3800.516	-0.45915	0.144759	-3.17184	0.001515	0.013631
WDR83OS	881.3872	-0.08335	0.168163	-0.49565	0.620143	0.744712
GCDH	875.8716	-0.30928	0.133161	-2.32261	0.0202	0.076241
KLF1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DNASE2	3102.623	-0.16886	0.155753	-1.08416	0.278294	0.444453
MAST1	13.91642	-0.5068	0.596965	-0.84896	0.395904	NA
JAK3	16.01564	-0.6436	0.53323	-1.20698	0.227438	NA
RPL18A	11504.7	-0.06423	0.155521	-0.41302	0.679591	0.790866
SLC5A5	0.35636	1.709252	3.651833	0.468053	0.639746	NA
KCNN1	12.75078	0.294865	0.693373	0.425261	0.670646	NA
ARRDC2	852.747	0.187633	0.202664	0.925835	0.354532	0.522758
PIK3R2	2.855716	-0.54733	1.242175	-0.44062	0.659486	NA
RAB3A	352.6529	-0.47061	0.174448	-2.6977	0.006982	0.037101
PDE4C	2.417995	1.510691	1.442345	1.047385	0.294922	NA
ISYNA1	1056.081	-0.48849	0.151623	-3.22174	0.001274	0.01212

ELL	412.7169	-0.32101	0.170655	-1.88107	0.059962	0.157164
CRTC1	762.745	-0.54172	0.18251	-2.96815	0.002996	0.02114
KMT2B	1036.318	-0.61988	0.198055	-3.12985	0.001749	0.014831
COMP	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
UPK1A	7.274719	-0.63835	0.830899	-0.76827	0.442328	NA
COPE	3411.725	-0.18667	0.132516	-1.40865	0.158938	0.305729
DDX49	1428.128	-0.14318	0.146458	-0.97761	0.328265	0.496438
ETV2	72.6702	-0.45587	0.275134	-1.65689	0.097542	0.219422
ATP4A	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
ARMC6	1092.209	-0.27807	0.153357	-1.81324	0.069794	0.174046
TMEM147	3478.68	-0.15757	0.151345	-1.04111	0.297825	0.464828
GAPDHS	55.03542	-0.44027	0.435773	-1.01032	0.312344	0.479394
TCEB1P28	0.682693	2.623213	2.518338	1.041645	0.297576	NA
MAG	0.508056	0.731032	2.861912	0.255435	0.798387	NA
TMEM59L	6.198377	0.575006	1.075545	0.534619	0.592914	NA
HAMP	0.096202	0.408546	4.079639	0.100143	0.920231	NA
USF2	8254.556	-0.20627	0.147825	-1.39538	0.162901	0.311181
LSR	53.87344	0.090148	0.327132	0.275569	0.782879	0.867305
KXD1	2013.921	-0.09565	0.142458	-0.67141	0.501957	0.65228
FKBP8	10634.01	-0.25663	0.13159	-1.95025	0.051146	0.140741
SUGP1	921.2549	-0.24887	0.154598	-1.60982	0.107436	0.233913
HPN	0.260158	1.240347	4.047124	0.306476	0.759242	NA
ZNF14	66.6702	0.403297	0.300472	1.342212	0.179527	0.332131
SCN1B	103.7922	-0.53234	0.274639	-1.93832	0.052584	0.143198
PBX4	42.92076	0.208188	0.325008	0.640565	0.521806	NA
ERF	2645.786	-0.19018	0.15366	-1.23765	0.215847	0.375035
GSK3A	1685.981	-0.20954	0.159391	-1.31462	0.188638	0.342879
ATP13A1	2392.958	-0.43227	0.151816	-2.84732	0.004409	0.027138
ZNF574	357.5302	-0.51124	0.161829	-3.15914	0.001582	0.014031
GRIK5	1.313788	0.047668	1.966741	0.024237	0.980663	NA
SIPA1L3	479.2218	-0.58135	0.219248	-2.65156	0.008012	0.040636
ZNF85	42.56964	0.620602	0.50511	1.228647	0.219204	NA
ETHE1	976.406	-0.27821	0.160511	-1.73328	0.083047	0.196119
CADM4	4027.528	0.075032	0.196642	0.381566	0.702784	0.808962
SMG9	1135.286	-0.21339	0.167397	-1.27478	0.202386	0.358744
KRT23	0.92901	1.841773	2.123319	0.867403	0.385721	NA
CRYBA1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NUFIP2	1880.705	0.48598	0.184061	2.640329	0.008283	0.041548
GIT1	4047.539	-0.16791	0.176515	-0.95123	0.341486	0.509671
TADA2A	280.905	-0.18765	0.196548	-0.95471	0.339726	0.508003
AATF	1601.802	-0.09339	0.146745	-0.63642	0.524502	0.670401
DHRS11	153.678	-0.16429	0.280014	-0.58674	0.557379	0.696283
ZNHIT3	693.7494	0.269936	0.177602	1.519898	0.128537	0.264779
MLLT6	1843.732	-0.34225	0.189587	-1.80522	0.07104	0.176299
PSMB3	2994.513	-0.10189	0.150613	-0.67653	0.498706	0.649348
CWC25	388.7616	0.46881	0.151808	3.08818	0.002014	0.016256
RPL19	27517.74	0.153107	0.157156	0.974235	0.32994	0.498197

FBXL20	211.0173	-0.06673	0.205288	-0.32506	0.745135	0.839454
RUNDC3A	42.04081	0.059216	0.403412	0.146788	0.883299	NA
UBTF	2571.438	-0.17626	0.127607	-1.3813	0.167188	0.316767
PSMD3	4221.249	-0.16088	0.138943	-1.15789	0.246907	0.410366
CASC3	2292.061	-0.38101	0.145222	-2.62367	0.008699	0.042987
RAPGEFL1	37.34926	0.215521	0.387669	0.555942	0.578251	NA
RGS9	24.26831	0.303507	0.54659	0.555274	0.578708	NA
RNF43	69.05498	-1.41364	0.389356	-3.6307	2.83E-04	0.004753
WNT3	22.96015	0.188456	0.532964	0.353601	0.723638	NA
ASPA	3288.741	0.154033	0.167746	0.918253	0.358486	0.525712
RAD51C	403.023	0.277829	0.171989	1.615386	0.106227	0.232133
4-Sep	205.3091	-0.9495	0.687123	-1.38185	0.167018	0.316495
MTMR4	1528.227	-0.40536	0.128393	-3.15716	0.001593	0.014094
TRIM37	1017.324	0.416086	0.17487	2.379398	0.017341	0.068778
DHX40	1261.706	0.411553	0.199494	2.062985	0.039114	0.118441
TUBD1	86.53642	0.538995	0.306213	1.760196	0.078375	0.188591
KPNB1	6881.057	0.077322	0.13889	0.556715	0.577722	0.712388
GOSR2	399.3746	-0.14368	0.166602	-0.86239	0.388473	0.554176
PNPO	551.6463	-0.47285	0.198719	-2.37947	0.017338	0.068778
RPS6KB1	377.9187	0.615923	0.176449	3.490646	4.82E-04	0.006662
TRIM16L	365.3067	-0.48531	0.296716	-1.63561	0.101922	0.225805
ZNF29P	0.460466	0.568655	3.014642	0.188631	0.850382	NA
CDK5RAP3	912.6855	-0.05911	0.133787	-0.4418	0.658633	0.774844
CBX1	1772.961	0.083555	0.125118	0.667808	0.504256	0.653944
RECQL5	540.2168	-0.27383	0.158477	-1.7279	0.084007	0.197482
PIGL	77.36449	0.484017	0.309212	1.565328	0.117506	0.248269
GALK1	1173.427	-0.18715	0.179603	-1.04205	0.297388	0.464559
INTS2	265.1307	0.554748	0.233908	2.371653	0.017709	0.069636
CAMTA2	1467.778	-0.44593	0.171825	-2.59523	0.009453	0.045467
MED13	937.1159	0.313425	0.202273	1.549514	0.121258	0.254023
HOXB6	183.7114	0.136414	0.233987	0.582998	0.559895	0.698469
ENO3	77.94722	0.1936	0.277176	0.698473	0.484882	0.638373
PFN1	15809.19	-0.14015	0.118901	-1.17875	0.238499	0.401449
RNF167	2827.023	-0.17978	0.158411	-1.13488	0.256425	0.420517
SLC25A11	3641.429	-0.29071	0.132398	-2.19576	0.028109	0.094913
RASD1	2.953092	0.092653	1.150143	0.080558	0.935794	NA
CHRNE	2.382439	-0.1301	1.252185	-0.1039	0.91725	NA
RAI1	3004.522	-0.6625	0.193175	-3.42953	6.05E-04	0.007625
NUP88	1058.155	0.209587	0.148181	1.414399	0.157245	0.303457
C1QBP	4473.162	-0.07154	0.128018	-0.55881	0.57629	0.711361
SLC6A4	1.44374	-0.31701	1.683753	-0.18828	0.85066	NA
BLMH	1098.419	-0.14802	0.132765	-1.11488	0.264903	0.429314
CPD	1925.673	-0.03208	0.152357	-0.21058	0.833218	0.899945
GOSR1	801.7323	-0.19576	0.144386	-1.35579	0.175165	0.327064
CCDC47	1687.938	0.642641	0.177124	3.628204	2.85E-04	0.004779
MED31	254.4583	0.529343	0.216952	2.439906	0.014691	0.061041
DRG2	999.9402	-0.19884	0.151952	-1.30855	0.190687	0.345024

FTSJ3	1688.084	-0.13672	0.133934	-1.02078	0.30736	0.474571
AKAP10	629.45	0.372314	0.164247	2.266792	0.023403	0.084142
ALDH3A1	4.402805	0.392202	1.002412	0.391258	0.695606	NA
SMARCD2	3168.879	-0.52335	0.15876	-3.29652	9.79E-04	0.010189
SYNGR2	1020.634	0.152801	0.22137	0.690253	0.490035	0.642357
B9D1	252.6088	-0.11438	0.228404	-0.50079	0.61652	0.742224
UTP6	915.3188	0.384429	0.143207	2.68442	0.007266	0.038129
DDX5	9281.009	0.565264	0.139905	4.040346	5.34E-05	0.001715
C17orf75	224.4408	0.267852	0.215156	1.244922	0.21316	0.37186
CYTH1	917.6255	-0.11347	0.140373	-0.80832	0.418907	0.581856
PSMD11	2186.119	-0.15672	0.130816	-1.19802	0.230909	0.393132
LGALS3BP	26816.55	-0.8257	0.149628	-5.51831	3.42E-08	1.69E-05
ASIC2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
CCL7	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
CCL2	1136.378	-0.10245	0.214317	-0.47803	0.632629	0.754704
CCL8	0.883203	0.854847	2.135496	0.400304	0.688933	NA
CCL1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PEX12	162.7013	-0.13819	0.224516	-0.61549	0.538229	0.681093
HNF1B	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
DHX58	452.714	-1.26061	0.307163	-4.10402	4.06E-05	0.001477
KAT2A	649.3007	-0.10407	0.173248	-0.60073	0.548023	0.689317
RAB5C	3186.26	-0.21962	0.143583	-1.52954	0.12613	0.261259
NAGLU	3686.948	-0.38384	0.17206	-2.23082	0.025693	0.089705
HSD17B1P1	20.73462	0.517589	0.457219	1.132039	0.257618	NA
HSD17B1	81.38566	-0.67833	0.297408	-2.2808	0.022561	0.082016
MLX	2005.752	-0.08766	0.16044	-0.54639	0.584798	0.717944
CNTNAP1	783.6345	-0.90547	0.185558	-4.87971	1.06E-06	1.68E-04
EZH1	610.7419	-0.07228	0.146194	-0.49444	0.620994	0.745432
DLX4	0.716471	-2.03238	2.582811	-0.78689	0.431348	NA
PPP1R9B	3243.574	-0.45097	0.168962	-2.66903	0.007607	0.039383
COL1A1	2.58453	-0.5009	1.220575	-0.41038	0.681526	NA
SGCA	9.818575	0.543852	0.704473	0.771999	0.440115	NA
MRPL27	1112.977	0.221122	0.141119	1.566915	0.117135	0.247716
VAT1	48045.93	-0.51016	0.125513	-4.06461	4.81E-05	0.001611
LRRC59	4517.061	-0.15715	0.186082	-0.84453	0.398373	0.563233
RND2	140.0146	0.250715	0.374159	0.670078	0.502808	0.65288
ALOX12	31.29843	-0.24438	0.398355	-0.61347	0.539567	NA
HDAC5	2896.227	-0.00389	0.203088	-0.01917	0.984707	0.991987
ABCC3	0.845475	0.825047	2.791858	0.295519	0.767597	NA
LUC7L3	863.7448	1.414958	0.736236	1.921881	0.054621	0.147199
MPP2	99.75846	-0.46837	0.239469	-1.95586	0.050482	0.139472
SMURF2	414.7978	0.456793	0.214452	2.130046	0.033168	0.106042
DUSP3	6948.139	-0.13987	0.130665	-1.07044	0.284422	0.450947
CACNG1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
EFTUD2	4398.447	-0.26842	0.132175	-2.03076	0.042279	0.125117
HLF	0.977767	1.39453	2.230419	0.625232	0.531819	NA
SLC16A6	11778.88	0.281807	0.229204	1.229505	0.218883	0.378502

PRKAR1A	7420.349	0.34476	0.170191	2.025722	0.042793	0.125933
EFNB3	932.5969	-0.31052	0.154669	-2.00761	0.044685	0.129144
FAM20A	6.777794	-1.12877	0.808393	-1.39632	0.162619	NA
YWHAE	16685.39	-0.08187	0.144659	-0.56598	0.571409	0.707325
	1.498886	0.419584	1.712531	0.245008	0.80645	NA
MMD	692.3949	0.094439	0.184263	0.512526	0.608283	0.735461
RANGRF	104.162	-0.01355	0.248649	-0.05451	0.956533	0.976145
DPH1	623.822	-0.07701	0.175193	-0.4396	0.66023	0.776182
MAP2K6	193.8833	0.024286	0.230277	0.105464	0.916007	0.951316
DHRS7B	794.0317	0.0368	0.162347	0.226673	0.820678	0.892334
WSB1	1689.311	0.536694	0.141949	3.780887	1.56E-04	0.00335
RCVRN	7.459299	0.226774	0.862872	0.262813	0.792695	NA
MYH1	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
SLC9A3R1	692.5983	-0.10344	0.155283	-0.66615	0.505314	0.65473
MYH3	4.267151	0.369863	1.016902	0.363715	0.716071	NA
NAT9	887.4746	-0.05339	0.142868	-0.37367	0.708652	0.813584
TMEM104	1633.839	-0.17951	0.231922	-0.774	0.438933	0.599004
TNFAIP1	2278.548	-0.07251	0.161092	-0.45013	0.652619	0.770362
IFT20	333.754	0.65525	0.203928	3.213149	0.001313	0.012392
TMEM97	1986.939	-0.34907	0.157011	-2.22321	0.026201	0.090873
CDR2L	994.1406	-0.29987	0.220852	-1.35779	0.17453	0.326554
PMP22	8324.613	-0.02608	0.208987	-0.12481	0.90067	0.941822
UNC119	933.7266	-0.14655	0.153481	-0.95484	0.339656	0.508003
ALDOC	623.608	-0.13346	0.172509	-0.77364	0.439142	0.599011
SUPT6H	5384.764	-0.29631	0.133822	-2.21418	0.026817	0.091994
RAB34	3710.038	-0.17064	0.163489	-1.04377	0.296593	0.463665
PHF12	823.3167	-0.36383	0.159487	-2.28125	0.022533	0.081968
REEP6	249.607	-0.12555	0.205243	-0.61171	0.540727	0.682777
PCSK4	76.66566	-0.27503	0.291773	-0.94263	0.34587	0.513692
APC2	128.7802	-0.35751	0.233869	-1.52866	0.126348	0.261544
RPS15	10959.77	-0.06373	0.142033	-0.44871	0.653641	0.77119
NDUFS7	1273.614	-0.28894	0.142381	-2.02937	0.04242	0.125269
KISS1R	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ARID3A	203.1781	-0.00512	0.229707	-0.0223	0.982208	0.990311
GRIN3B	1.252974	-0.44216	1.86133	-0.23755	0.812231	NA
STK11	2274.165	-0.30997	0.139675	-2.2192	0.026473	0.091289
TTR	79.7382	1.439653	0.453037	3.177783	0.001484	0.013461
B4GALT6	736.2017	0.987445	0.187085	5.278042	1.31E-07	4.07E-05
PMFBP1	4.898962	0.219989	0.948762	0.23187	0.816639	NA
ZNF430	78.49146	1.025481	0.346945	2.95575	0.003119	0.021713
MYL12B	10051.33	0.31368	0.18228	1.720869	0.085275	0.199473
FAM86A	259.5309	-0.33798	0.170547	-1.98177	0.047505	0.134217
PPL	3.455562	-0.90989	1.073091	-0.84791	0.396486	NA
UBN1	2037.261	-0.34104	0.154321	-2.20994	0.02711	0.092647
KDSR	3476.624	0.283326	0.134149	2.112024	0.034684	0.109309
VPS4B	1478.915	0.563824	0.187577	3.00583	0.002649	0.019519
ONECUT2	2.623599	-0.25975	1.227421	-0.21163	0.832399	NA

C19orf25	1221.322	-0.12325	0.148436	-0.83033	0.406351	0.570027
GNA13	1875.911	0.101761	0.173302	0.58719	0.557076	0.696198
HOXB8	68.07159	-0.21481	0.308722	-0.69579	0.486561	0.63963
KANSL1	648.9187	-0.22839	0.155076	-1.47275	0.140818	0.28128
HOXB5	61.50988	-0.16106	0.28898	-0.55734	0.577293	0.712154
HOXB3	106.8773	-0.01755	0.23287	-0.07536	0.939929	0.966534
ZFP30	193.5316	0.717821	0.249539	2.876591	0.00402	0.025471
EPX	1.020857	0.19325	2.085078	0.092682	0.926156	NA
AKAP1	968.9712	-0.01411	0.143238	-0.09847	0.921556	0.95457
COIL	370.1109	0.367105	0.16615	2.209478	0.027141	0.092684
TRIM25	3076.174	-0.53652	0.144894	-3.70288	2.13E-04	0.004043
SCPEP1	3303.427	7.16E-04	0.125444	0.005706	0.995447	0.997908
SPOP	949.104	0.2636	0.171664	1.535554	0.124648	0.259382
TBX2	4793.98	-0.38543	0.137887	-2.79526	0.005186	0.030299
SLC35B1	1736.804	0.011182	0.150439	0.074331	0.940747	0.966779
TBX4	1.724558	-2.27467	1.823655	-1.24731	0.212282	NA
TEX14	2.404598	0.3092	1.330977	0.232311	0.816297	NA
FAM117A	283.2754	-0.40499	0.187038	-2.1653	0.030365	0.099938
ABCC11	7.078242	-0.8332	0.813598	-1.02409	0.305792	NA
PAPD5	339.4679	0.596867	0.21052	2.835204	0.00458	0.027771
ADCY7	18.9641	-0.45402	0.500421	-0.90728	0.364259	NA
CEP89	462.7777	0.060329	0.19761	0.305291	0.760144	0.850634
TSHZ3	318.1169	-0.2056	0.195898	-1.04954	0.293932	0.461117
HS3ST2	241.5603	0.386221	0.427226	0.904021	0.365984	0.533277
RBBP6	643.0145	0.528316	0.348996	1.513816	0.130072	0.26643
ZC3H7A	1616.22	0.686265	0.173605	3.953029	7.72E-05	0.002172
ZNF205	467.0619	-0.18986	0.206552	-0.91918	0.358001	0.525131
NAA60	286.1693	-0.46864	0.172033	-2.72413	0.006447	0.035027
PQLC1	3193.842	-0.24618	0.138229	-1.78099	0.074915	0.182739
DDX39A	3118.793	-0.07188	0.250469	-0.28699	0.774121	0.860327
PKN1	7777.436	-0.20358	0.171458	-1.18736	0.235085	0.397849
C19orf43	5258.953	0.012134	0.146837	0.082635	0.934142	0.963062
CD97	1492.052	-0.49428	0.168295	-2.93701	0.003314	0.022501
WDR83	174.4787	-0.06401	0.205792	-0.31103	0.755781	0.847421
GIPC1	10462.62	-0.24682	0.158713	-1.55511	0.119919	0.252019
KCNJ2	48.13584	0.240659	0.39809	0.604535	0.545488	0.687003
B9D2	109.7711	-0.08866	0.231045	-0.38373	0.701175	0.807895
ADCK4	1028.281	-0.40113	0.153651	-2.61064	0.009037	0.044218
SLC12A4	2653.263	-0.00115	0.203669	-0.00565	0.995492	0.997908
ENKD1	414.1854	-0.21517	0.175953	-1.22286	0.221382	0.381687
PEPD	8846.757	-0.24662	0.130377	-1.89157	0.058548	0.154515
CHST8	1.080707	1.085144	1.993395	0.54437	0.586187	NA
USP22	7523.758	-0.4725	0.123837	-3.81548	1.36E-04	0.003063
ZNF576	371.1103	0.195914	0.16391	1.195254	0.231988	0.394248
ZNF45	326.1218	0.2377	0.199673	1.190448	0.23387	0.396416
LYPD3	78.80432	-0.47199	0.266113	-1.77365	0.07612	0.184844
CNOT1	5044.187	-0.20188	0.125619	-1.60708	0.108037	0.234829

LRRC29	58.20426	-0.55279	0.333087	-1.65959	0.096998	0.218613
BBS2	1201.313	0.216733	0.187997	1.152858	0.248969	0.412801
MT1G	2.79602	-0.44088	1.200066	-0.36738	0.713338	NA
MT2A	2072.711	-0.023	0.148708	-0.15465	0.877095	0.926461
C16orf70	426.499	-0.27037	0.171205	-1.57924	0.114281	0.243493
GOT2	4411.178	-0.32504	0.154872	-2.09875	0.035839	0.111632
DOK4	724.9933	-0.00597	0.183632	-0.03252	0.974057	0.985529
C17orf53	236.3933	-0.36703	0.227558	-1.6129	0.106765	0.233009
SOX9	40.59763	-1.07033	0.442104	-2.42099	0.015478	NA
TEKT3	3.590723	-0.22496	1.078005	-0.20868	0.834698	NA
HS3ST3B1	1.03648	0.354657	2.004615	0.17692	0.859571	NA
SLC25A35	170.0091	-0.29778	0.211844	-1.40565	0.159828	0.306992
MRPS7	2000.694	0.054145	0.129586	0.417833	0.67607	0.788316
GGA3	1247.365	-0.56617	0.16846	-3.36087	7.77E-04	0.008896
ARMC7	511.5699	-0.10771	0.181625	-0.59305	0.553151	0.693776
NUP85	918.8248	-0.01235	0.166172	-0.07431	0.940764	0.966779
SLC25A19	199.3827	-0.00151	0.255539	-0.00591	0.995282	0.997908
MIF4GD	329.9275	0.004959	0.182965	0.027101	0.978379	0.988384
NT5C	699.1617	-0.10911	0.146399	-0.74532	0.456078	0.614797
SLC25A23	2618.824	-0.50009	0.160364	-3.11845	0.001818	0.015146
PSPN	58.85503	-0.40816	0.309937	-1.31691	0.18787	0.341909
GTF2F1	3235.947	-0.30789	0.147693	-2.08465	0.037101	0.114349
ALKBH7	1319.542	-0.25901	0.15097	-1.71564	0.086229	0.20115
CLPP	2198.265	-0.22358	0.130836	-1.70886	0.087476	0.203249
TNFSF9	100.7814	-0.12919	0.274615	-0.47043	0.638048	0.758814
MED1	1336.326	0.043071	0.172757	0.249316	0.803116	0.882059
RPL23	18791.77	0.512252	0.137687	3.7204	1.99E-04	0.003853
CD70	38.81849	-0.09035	0.58916	-0.15335	0.878124	NA
C3	12.42398	-0.03917	0.979147	-0.04	0.968092	NA
SH2D3A	6.619504	0.253643	0.773981	0.327713	0.743129	NA
TRIP10	1050.946	0.027407	0.174375	0.157174	0.875108	0.925378
GPR108	1572.539	-0.16417	0.182579	-0.89917	0.368562	0.535717
S1PR4	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
NCLN	3902.015	-0.3233	0.144801	-2.23269	0.025569	0.089457
LRFN3	785.0617	-0.35854	0.163907	-2.18745	0.02871	0.09628
IGFLR1	2.502168	-0.28004	1.24218	-0.22544	0.821633	NA
CAPNS1	12257.4	-0.20292	0.151473	-1.33961	0.180371	0.332913
PDCD2L	79.43409	-0.24244	0.280776	-0.86348	0.387874	0.553708
RBM42	2716.373	-0.30549	0.145695	-2.09676	0.036015	0.111944
KIRREL2	2.317924	2.53317	1.596966	1.58624	0.112685	NA
UBA2	2537.079	0.363507	0.162097	2.242531	0.024927	0.087611
FFAR2	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
HCST	10.57887	0.315754	0.615096	0.513341	0.607713	NA
COX6B1	5135.16	0.030071	0.130027	0.231266	0.817108	0.890333
KRT36	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
THRA	1980.788	-0.46467	0.124156	-3.74265	1.82E-04	0.003659
CCR7	0.422534	1.924583	3.001758	0.641152	0.521424	NA

NR1D1	482.5814	-0.31306	0.179454	-1.74452	0.081069	0.193008
STAT5A	2499.787	-0.49923	0.139998	-3.56599	3.62E-04	0.005542
WNK4	62.2606	-0.83961	0.33379	-2.51538	0.01189	0.053032
BECN1	2273.474	0.164319	0.145855	1.126591	0.259915	0.424304
TRAP1	944.7845	-0.34578	0.169687	-2.03777	0.041572	0.123674
GLIS2	120.9259	-0.29569	0.21692	-1.36313	0.172842	0.324267
NSRP1	450.4733	0.723054	0.706512	1.023414	0.306112	0.473261
PRDM7	1555.692	-0.26678	0.208383	-1.28025	0.200456	0.356497
RHOT1	722.0437	0.445458	0.163225	2.729107	0.006351	0.034646
EVI2A	93.49639	1.151549	0.419876	2.742589	0.006096	0.033788
OMG	7.439697	-0.62791	0.90306	-0.69531	0.486859	NA
MAP2K2	7821.315	-0.14282	0.132234	-1.08004	0.280125	0.446115
ABHD8	397.238	-0.0458	0.206839	-0.22143	0.824756	0.894421
PIN1	3266.291	-0.13432	0.168258	-0.79828	0.424708	0.58672
FBXL12	480.4575	-0.16237	0.155537	-1.04392	0.296521	0.463665
EMR2	27.51858	-0.10037	0.418458	-0.23985	0.810443	NA
SIN3B	1307.655	-0.24102	0.140518	-1.71521	0.086307	0.201293
SLC35E1	1188.83	-0.41479	0.159533	-2.60003	0.009321	0.045031
EPS15L1	895.4124	-0.35029	0.140741	-2.48893	0.012813	0.055885
KLF2	68.46477	-0.33176	0.300094	-1.10551	0.268937	0.433776
OR7C1	2.838307	-0.05032	1.310603	-0.03839	0.969375	NA
UQCR11	11.03257	-0.38766	0.603588	-0.64226	0.520704	NA
GFER	657.1147	-0.15659	0.175193	-0.89382	0.371419	0.538088
SYNGR3	21.97473	0.541716	0.54211	0.999273	0.317663	NA
PKMYT1	572.0261	-0.5066	0.288826	-1.75398	0.079434	0.190434
WFIKKN1	4.826469	0.391654	1.019052	0.384332	0.700733	NA
WDR24	394.1893	-0.26837	0.189105	-1.41914	0.155859	0.301715
FBXL16	7.629539	0.139709	1.058877	0.13194	0.895031	NA
CHTF18	386.8703	-0.36764	0.211513	-1.73815	0.082184	0.194856
SMARCA4	4862.285	-0.65668	0.15275	-4.29905	1.72E-05	8.54E-04
KDM4B	1017.084	-0.51916	0.155586	-3.33683	8.47E-04	0.009354
TICAM1	1078.252	-0.22837	0.168138	-1.35823	0.174389	0.326343
EMC6	71.80145	0.047486	0.307379	0.154485	0.877227	0.926461
METTL16	578.5339	-0.08526	0.149233	-0.57135	0.56776	0.704501
ZNF780B	129.8063	0.612408	0.331528	1.847229	0.064714	0.165792
LRFN1	78.34324	-0.29756	0.30729	-0.96835	0.33287	0.501166
ZFP36	262.0629	-0.02664	0.195037	-0.13661	0.891335	0.936356
KRT17	4.800401	-0.08021	1.051788	-0.07626	0.939208	NA
RNF112	0.815391	0.931626	2.360431	0.394685	0.693076	NA
SPECC1	1073.739	0.160692	0.138112	1.163486	0.244632	0.407398
MRPS12	1367.24	-0.03318	0.157537	-0.21063	0.833176	0.899945
PSMG2	75.8862	-0.0347	0.309248	-0.11221	0.910658	0.948085
TWSG1	1418.368	0.718831	0.18297	3.928684	8.54E-05	0.002317
SOX15	16.97119	-0.23645	0.542949	-0.43549	0.663205	NA
FAM64A	636.2298	-0.55336	0.223615	-2.47463	0.013337	0.057401
RPAIN	588.7682	0.459313	0.155628	2.951358	0.003164	0.021972
USP6	9.769836	0.757996	0.670404	1.130655	0.2582	NA

SHBG	5.348839	0.733494	0.876264	0.83707	0.402553	NA
PLD2	684.2291	-0.24772	0.143556	-1.72562	0.084415	0.197995
AIPL1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
CD68	2.905851	-0.6846	1.243442	-0.55057	0.581931	NA
TXNDC17	866.799	0.334002	0.174093	1.918527	0.055044	0.147937
ATP1B2	33.51146	0.350663	0.426655	0.821889	0.41114	NA
FXR2	1972.161	-0.24065	0.14457	-1.66457	0.095998	0.21698
KIF1C	15541.66	-0.2999	0.160348	-1.87029	0.061443	0.160019
MPDU1	2815.126	-0.2364	0.14923	-1.58412	0.113167	0.241987
MMP28	7.145811	-0.10329	1.036802	-0.09962	0.920645	NA
CCL4	0.520316	2.239969	3.173769	0.705776	0.480328	NA
MRM1	261.7921	-0.16265	0.197679	-0.82278	0.410633	0.573995
KRI1	771.1398	-0.1899	0.147917	-1.2838	0.199214	0.355407
ILF3	6684.785	-0.47685	0.127955	-3.72672	1.94E-04	0.003807
SLC44A2	3129.934	-0.23977	0.168516	-1.42286	0.154776	0.300109
AP1M2	0.86916	0.686589	2.213986	0.310114	0.756474	NA
CDKN2D	555.7236	-0.18329	0.180829	-1.01363	0.310761	0.478203
ITFG1	1532.171	0.178024	0.151683	1.173656	0.240533	0.403783
QRICH2	18.29177	-1.28701	0.559331	-2.30097	0.021393	NA
FOXJ1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
SEC14L1	2640.897	-0.08523	0.21741	-0.39204	0.695031	0.803279
RHBDF2	617.5626	-0.57979	0.161075	-3.59949	3.19E-04	0.005122
AANAT	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
CDH15	2.380537	-0.29443	1.65885	-0.17749	0.859125	NA
KLF16	989.3192	-0.27781	0.158941	-1.74787	0.080486	0.192178
TMEM8A	6478.956	-0.22074	0.167345	-1.31906	0.187151	0.341386
DOHH	779.4343	-0.21156	0.165039	-1.28185	0.199894	0.355943
MAU2	1298.054	-0.35188	0.142438	-2.47044	0.013495	0.057755
SHC2	718.0499	0.093688	0.201376	0.465239	0.641761	0.76165
	1.166229	0.502497	1.978277	0.254007	0.79949	NA
ABHD17A	1701.058	-0.24333	0.146039	-1.6662	0.095674	0.216537
GAMT	1046.942	-0.02076	0.15189	-0.13665	0.891309	0.936356
DOCK6	995.3216	-0.50996	0.154964	-3.29085	9.99E-04	0.010333
ECSIT	832.7259	-0.27655	0.15504	-1.78372	0.074469	0.182252
LDLR	3830.328	-0.57998	0.206917	-2.80299	0.005063	0.029892
ELOF1	1355.848	-0.09189	0.152708	-0.60176	0.547331	0.688738
C19orf80	3.537121	-0.61686	1.181234	-0.52222	0.601517	NA
PRKCSH	8231.685	-0.47479	0.157283	-3.01868	0.002539	0.019039
CNN1	59.54041	0.185723	1.1473	0.161878	0.871402	0.923353
ZSCAN10	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FAM98C	494.88	-0.20546	0.149756	-1.37197	0.170073	0.32037
SAFB2	1421.214	-0.16604	0.19259	-0.86216	0.388601	0.554176
RPL36	11434.63	0.08832	0.164612	0.536533	0.59159	0.723
ATP8B3	103.8608	-0.30889	0.263242	-1.17343	0.240625	0.40388
NCAN	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
GTPBP3	456.218	-0.25305	0.166803	-1.51706	0.129253	0.2657
BST2	294.9094	-1.70982	0.351783	-4.86044	1.17E-06	1.78E-04

SLC27A1	1133.545	-0.45175	0.13823	-3.2681	0.001083	0.010915
USHBP1	3.26039	-0.10407	1.385659	-0.0751	0.940134	NA
COLGALT1	3339.423	-0.37719	0.143352	-2.6312	0.008508	0.042257
DDA1	2121.196	-0.22429	0.157294	-1.42595	0.153883	0.298867
MRPL34	2320.39	0.100677	0.133829	0.752277	0.451884	0.610912
PGLS	1541.926	-0.21163	0.138162	-1.53177	0.125578	0.260631
LSM7	1186.638	-0.08977	0.190854	-0.47036	0.638095	0.758814
ACSBG2	0.949524	-0.003	2.040023	-0.00147	0.998826	NA
MLLT1	998.4875	-0.49975	0.178566	-2.79869	0.005131	0.030098
ACTN4	11353.06	-0.09978	0.168524	-0.5921	0.553784	0.69406
FCHO1	20.77847	0.017942	0.48871	0.036713	0.970714	NA
UNC13A	4.148014	1.56405	1.130456	1.383556	0.166494	NA
MAP1S	1141.571	-0.50338	0.140142	-3.59195	3.28E-04	0.005201
SSBP4	1840.793	-0.23876	0.139593	-1.71044	0.087185	0.202702
GDF15	2527.985	-0.18042	0.270902	-0.66598	0.505422	0.654767
PGPEP1	2624.972	-0.50538	0.149263	-3.38585	7.10E-04	0.008362
KIAA1683	15.2255	-0.38636	0.559268	-0.69082	0.489676	NA
LSM4	4918.465	-0.17624	0.130428	-1.35121	0.176628	0.328872
JUND	3970.477	-0.24123	0.17444	-1.38291	0.166693	0.316127
ZNF557	197.3401	-0.04945	0.203516	-0.24297	0.808025	0.885317
CRB3	1.033263	0.082415	2.175992	0.037875	0.969788	NA
HBZ	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PAK4	2105.699	-0.59061	0.13781	-4.28565	1.82E-05	8.74E-04
C16orf13	1391.684	-0.10206	0.150304	-0.67899	0.497143	0.648243
YIPF2	1734.731	-0.13474	0.156117	-0.86308	0.388093	0.553851
ATG4D	829.019	-0.23755	0.16987	-1.39841	0.161989	0.309788
GMFG	6.55017	0.086949	0.893409	0.097322	0.922471	NA
MAP3K10	1270.138	-0.12004	0.182388	-0.65816	0.510437	0.658745
ZNF317	1138.133	-0.32494	0.15336	-2.1188	0.034107	0.107997
PPAN	117.2522	-0.15	0.244346	-0.6139	0.539284	0.681722
EIF3G	4540.302	-0.14003	0.130834	-1.07027	0.284497	0.450958
ANGPTL6	11.55107	-0.18283	0.586867	-0.31154	0.755392	NA
C19orf66	1152.586	-0.11331	0.164836	-0.68743	0.491812	0.643353
DNMT1	2770.015	-0.25739	0.15338	-1.67812	0.093324	0.213265
ZNF426	179.4333	0.294333	0.250274	1.176042	0.239578	0.402786
ZNF236	334.968	0.235613	0.180465	1.305593	0.191691	0.346259
SLC7A10	10.69122	-0.05699	0.660302	-0.08631	0.931222	NA
LRP3	3082.094	-0.23108	0.14589	-1.58395	0.113206	0.241987
NOL11	653.6066	0.55465	0.186708	2.970677	0.002971	0.021006
C1QL1	25.06385	-0.11778	0.495809	-0.23756	0.812224	NA
GFAP	2.086949	-0.12983	1.399804	-0.09275	0.926106	NA
PYY	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
HIGD1B	0.288605	1.443619	4.029058	0.358302	0.720117	NA
ZNF428	1057.276	-0.12274	0.132712	-0.92487	0.355036	0.523241
CCL25	0.327913	1.543154	4.021063	0.383768	0.701151	NA
COX4I1	10217.15	-0.01206	0.19285	-0.06254	0.950129	0.972357
EMC8	1003.296	-0.16553	0.133893	-1.23626	0.216363	0.375491

GSE1	839.9626	-0.19785	0.235512	-0.84008	0.400864	0.565475
GINS2	361.584	-0.15096	0.2503	-0.60311	0.546435	0.688001
CHMP1A	3237.327	-0.30313	0.139342	-2.17546	0.029596	0.098146
NFATC1	401.4153	-0.40151	0.180889	-2.21966	0.026442	0.091282
RAB11FIP4	1323.602	-0.31578	0.174512	-1.80951	0.070372	0.175154
HAUS8	260.1027	0.179185	0.248863	0.720016	0.471515	0.627434
EMR3	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
TUBG1	1501.098	-0.16122	0.20766	-0.77636	0.437536	0.597921
PSME3	5463.732	-0.27796	0.14877	-1.86837	0.06171	0.160363
RPL27	20569.81	0.288375	0.167163	1.725116	0.084507	0.198068
PSMC3IP	195.7163	0.147747	0.230428	0.641184	0.521403	0.668146
AOC3	5.186136	0.285546	1.145668	0.249239	0.803176	NA
ACLY	10712.08	-0.34335	0.125233	-2.74173	0.006112	0.033841
VPS25	1824.667	-0.19708	0.147354	-1.33747	0.181069	0.333581
RAMP2	49.7793	0.158128	0.301848	0.523867	0.600371	0.729915
AOC2	13.27409	0.470248	0.625387	0.751931	0.452093	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TMEM204	169.6082	-0.41607	0.223587	-1.86087	0.062762	0.162216
KREMEN2	40.06797	0.164299	0.402488	0.408209	0.683121	NA
THOC6	664.4705	-0.02586	0.169104	-0.15295	0.878437	0.926996
TRAF7	3630.957	-0.36344	0.129937	-2.79706	0.005157	0.0302
KRT34	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TOP2A	1884.445	0.405637	0.137977	2.939886	0.003283	0.022409
STARD3	2013.332	-0.1267	0.135031	-0.9383	0.348088	0.51605
RARA	809.3006	-0.49727	0.142998	-3.47749	5.06E-04	0.006834
PPP1R1B	2.286237	-0.27061	1.271382	-0.21284	0.831449	NA
CLUHP3	32.75899	0.008416	0.418596	0.020104	0.98396	NA
VIMP	1498.382	0.321719	0.138824	2.317466	0.020478	0.076899
CHSY1	654.7541	-0.01472	0.19392	-0.07589	0.939505	0.966423
SNRPA1	450.4307	0.131867	0.186003	0.708947	0.478358	0.633189
KRT17P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LLGL1	1471.921	-0.59579	0.164138	-3.62982	2.84E-04	0.004762
RHPN2	227.2799	-0.04688	0.196727	-0.23832	0.811633	0.887711
C19orf12	5177.675	-0.05539	0.137073	-0.40409	0.686143	0.795602
C19orf40	155.0997	-0.07903	0.267135	-0.29585	0.767342	0.85561
PODNL1	5.691221	0.389678	0.898986	0.433464	0.664678	NA
DNAJB1	4713.489	-0.20272	0.158545	-1.27865	0.20102	0.357285
ZSWIM4	545.62	-0.18807	0.193282	-0.97303	0.330537	0.498856
FBXW9	210.4158	-0.40694	0.218377	-1.86348	0.062394	0.161786
RFX1	435.7512	-0.4905	0.190217	-2.57864	0.009919	0.046924
ZNF20	2.61063	0.195781	1.272841	0.153814	0.877756	NA
C19orf57	39.21178	-0.20556	0.377592	-0.54439	0.58617	NA
DCAF15	701.6523	-0.39954	0.177148	-2.25541	0.024107	0.085854
CC2D1A	1283.416	-0.3546	0.17265	-2.05386	0.039989	0.120414
RTBDN	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
LHX1	3.091445	1.483234	1.238772	1.197342	0.231173	NA
CCT6B	69.98802	0.354922	0.303085	1.171032	0.241586	0.404634

ACACA	3590.086	-0.52901	0.124347	-4.25431	2.10E-05	9.51E-04
ENOSF1	667.4693	0.074202	0.14037	0.528615	0.597073	0.726799
LINC00470	49.98648	0.443655	0.380281	1.166649	0.243352	0.406201
EMILIN2	981.186	-0.05279	0.232462	-0.22709	0.820352	0.892334
RAP1GAP2	9.539528	0.254813	0.772338	0.329924	0.741457	NA
CLUH	3627.487	-0.4707	0.154164	-3.05324	0.002264	0.017517
INPP5K	2375.741	-0.16565	0.144233	-1.14846	0.250777	0.414408
MYBBP1A	1677.559	-0.63235	0.161563	-3.91398	9.08E-05	0.002389
RPA1	3549.526	-0.2214	0.165062	-1.34134	0.179811	0.332292
SERPINF1	5904.942	-0.56838	0.184229	-3.08516	0.002034	0.016362
UBE2G1	1156.657	-0.20255	0.133795	-1.51388	0.130055	0.26643
ITGB4	33.19143	-0.21752	0.40649	-0.53513	0.592563	NA
WBP2	4945.744	-0.3424	0.134942	-2.5374	0.011168	0.050668
H3F3B	6774.177	-0.0799	0.142232	-0.56174	0.574292	0.709634
UNK	1120.827	-0.43329	0.140645	-3.08071	0.002065	0.016587
TRIM47	419.0232	-0.4462	0.37221	-1.19878	0.230614	0.392807
EIF5A	13782.11	-0.33969	0.172466	-1.96961	0.048884	0.136742
KDM6B	633.9689	-0.47319	0.212934	-2.22226	0.026266	0.090994
GPS2	73.46561	0.471513	0.38127	1.23669	0.216202	0.375377
XAF1	371.2166	-0.19394	0.378087	-0.51294	0.607993	0.735336
DLG4	751.2345	-0.26764	0.16508	-1.62127	0.104959	0.230452
SDF2	1618.857	0.086452	0.148938	0.580457	0.561607	0.699721
FLOT2	3063.724	-0.41218	0.127538	-3.23185	0.00123	0.011864
ERAL1	1117.565	-0.28129	0.131132	-2.14507	0.031947	0.103652
PRMT7	1371.488	-0.36279	0.146863	-2.47026	0.013501	0.057763
NIP7	1137.026	0.215087	0.149663	1.437139	0.150679	0.294428
TERF2	578.3494	-0.32372	0.141359	-2.29006	0.022018	0.080912
VPS4A	2876.365	-0.25135	0.139295	-1.80444	0.071162	0.176549
MTSS1L	1400.425	-0.45647	0.148294	-3.07813	0.002083	0.016597
SYT4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SLC14A2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MYH10	11952.52	-0.06909	0.171479	-0.40293	0.687001	0.796285
PEMT	461.6371	-0.29519	0.155154	-1.90258	0.057096	0.151527
SCO1	733.4922	0.069841	0.142159	0.491288	0.623223	0.747426
MPRIP	6300.128	-0.13876	0.164488	-0.84357	0.39891	0.563724
FAM104A	605.526	0.003105	0.15177	0.020459	0.983677	0.991371
SLC39A11	715.8626	-0.50164	0.143112	-3.50523	4.56E-04	0.00643
BTBD2	3045.356	-0.47194	0.140255	-3.36486	7.66E-04	0.00881
PRAM1	0.488709	2.119056	3.307564	0.64067	0.521737	NA
ZNF414	326.5935	-0.34134	0.18216	-1.87387	0.060949	0.158996
CSNK1G2	3292.535	-0.17231	0.158987	-1.08379	0.278459	0.444537
CNDP2	4612.227	-0.36518	0.131551	-2.77595	0.005504	0.031691
MYH11	18.08413	-0.25259	0.548596	-0.46043	0.64521	NA
FOPNL	791.9555	0.619999	0.2031	3.052677	0.002268	0.017517
CTIF	1298.802	-0.41274	0.139099	-2.96724	0.003005	0.021179
MRO	3.34123	-0.90316	1.128352	-0.80043	0.423463	NA
MBD2	1253.79	0.281487	0.142503	1.975311	0.048233	0.135498

IER3IP1	736.1215	0.500606	0.153294	3.26566	0.001092	0.010985
NAPG	694.8595	0.597725	0.181056	3.301334	9.62E-04	0.010104
SPIRE1	1667.02	0.214817	0.149639	1.435571	0.151125	0.295056
ERN2	0.750448	2.743526	2.504729	1.095338	0.273368	NA
RPS15A	2053.512	0.276154	0.155145	1.779971	0.075081	0.182994
NARS	4548.018	0.57631	0.165058	3.491562	4.80E-04	0.006651
KIAA1468	771.9128	0.443912	0.204256	2.173314	0.029757	0.098483
HRH4	4.850408	0.256905	0.944793	0.271916	0.785686	NA
TMEM241	278.9644	-0.43353	0.202143	-2.14465	0.031981	0.10373
KCTD1	676.8826	-0.35959	0.181782	-1.97815	0.047912	0.134949
CABLES1	13885.97	-0.46238	0.194972	-2.37152	0.017715	0.069636
RNF138	194.621	0.451224	0.230162	1.960464	0.049942	0.138396
ELP2	2092.297	0.158553	0.156086	1.015804	0.309723	0.476976
DSG1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DSC3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DTNA	282.2529	0.201958	0.187136	1.079201	0.280498	0.446589
FHOD3	2146.92	-0.18656	0.225058	-0.82892	0.40715	0.570809
TPGS2	3727.284	-0.12327	0.137645	-0.89553	0.370504	0.537354
KLHL36	1502.354	-0.27711	0.165435	-1.67503	0.093928	0.214015
BCMO1	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
MPHOSPH6	455.3712	0.496183	0.206232	2.405944	0.016131	0.065355
CHST5	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA
KIAA0513	623.0058	-0.54893	0.143421	-3.8274	1.30E-04	0.002993
DYNC1LI2	4598.202	0.434287	0.173291	2.506107	0.012207	0.054038
FBXL8	129.4635	-0.05053	0.235592	-0.21449	0.830164	0.89752
FHOD1	1476.073	-0.138	0.175102	-0.78814	0.430615	0.592195
CCDC102A	370.5208	-0.10239	0.179647	-0.56995	0.568713	0.705388
SLC9A5	145.3986	-0.01344	0.25749	-0.05221	0.958358	0.977053
CALCOCO2	1359.452	0.075027	0.145485	0.515706	0.60606	0.734271
RSAD1	1263.353	-0.13981	0.169373	-0.82546	0.409108	0.572742
NMT1	4736.957	-0.37534	0.129027	-2.90902	0.003626	0.024006
MYCBPAP	0.816825	1.673341	2.21346	0.755984	0.449659	NA
SRSF1	3074.177	0.19188	0.146075	1.313573	0.18899	0.343263
VEZF1	1538.969	0.161508	0.13485	1.197686	0.231039	0.393158
CHAD	18.90266	-0.18877	0.518696	-0.36392	0.715916	NA
TACO1	1025.722	-0.10927	0.148247	-0.73705	0.461092	0.619194
TEX2	2820.022	-0.06593	0.156761	-0.42055	0.674087	0.786547
DCAF7	5832.639	-0.50452	0.122385	-4.12238	3.75E-05	0.0014
LIMD2	2254.995	-0.53689	0.196081	-2.73811	0.006179	0.033993
BRIP1	148.1806	0.551474	0.300636	1.834357	0.066601	0.1686
KAT7	1235.797	-0.39836	0.13996	-2.84621	0.004424	0.027205
MAPK8IP3	1017.035	0.014892	0.211118	0.070538	0.943765	0.968771
IGF1R	1519.059	-0.66399	0.200655	-3.30909	9.36E-04	0.009929
ARRDC4	1602.149	-0.40662	0.222558	-1.82705	0.067692	0.17038
ADAMTS17	13.84789	-1.05391	0.54945	-1.91812	0.055096	NA
LINS	296.0777	0.280125	0.203628	1.375668	0.168924	0.31919
PCSK6	36.80669	-0.05538	0.414617	-0.13356	0.893749	NA

UNC45A	4265.146	-0.38838	0.143186	-2.71239	0.00668	0.035967
ST8SIA2	579.9247	0.839281	0.882669	0.950845	0.341683	0.509837
MCTP2	5.020371	1.360092	0.951355	1.429637	0.152821	NA
FURIN	4429.567	-0.22764	0.219379	-1.03765	0.299432	0.466338
IQGAP1	7577.798	0.149787	0.151771	0.986928	0.323678	0.491623
CRTC3	1245.096	-0.37508	0.134929	-2.77984	0.005439	0.031378
GLYR1	1296.648	-0.18043	0.14688	-1.22845	0.21928	0.379
PMM2	338.666	-0.16166	0.172197	-0.93884	0.347814	0.515984
SLC5A2	1.304543	0.199695	1.761391	0.113373	0.909734	NA
ITGAX	2.97067	-1.66397	1.199888	-1.38677	0.165512	NA
TGFB1I1	2364.867	-0.33211	0.141789	-2.34225	0.019168	0.073491
C16orf58	1235.507	-0.30278	0.161747	-1.87193	0.061216	0.159533
ARMC5	427.8794	-0.32961	0.222658	-1.48035	0.13878	0.278663
PARN	1029.261	0.036733	0.155041	0.236925	0.812715	0.888591
FTO	1054.462	-0.50969	0.140043	-3.63951	2.73E-04	0.004639
UQCRC2	4124.909	0.01371	0.160209	0.085578	0.931802	0.961401
CDR2	560.9048	0.381132	0.199436	1.911045	0.055999	0.149722
IGSF6	4.658332	0.28294	1.008635	0.280517	0.779081	NA
ARHGAP17	1211.856	-0.36419	0.155444	-2.34289	0.019135	0.073388
MYLK3	1.389622	0.986783	1.761847	0.560085	0.575422	NA
NKD1	104.8708	-0.22615	0.318283	-0.71053	0.477375	0.632252
DHX38	1912.096	-0.34792	0.16073	-2.16463	0.030416	0.099989
TXNL4B	263.3329	0.092464	0.18062	0.511927	0.608702	0.735818
MARVELD3	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ZFHX3	620.4579	-0.15647	0.322493	-0.48519	0.627544	0.750113
CLEC18B	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
CPNE2	718.1206	-0.11949	0.151683	-0.78778	0.430824	0.592371
NLRC5	302.8194	-0.92854	0.24162	-3.84298	1.22E-04	0.0029
KATNB1	1544.308	-0.19883	0.152151	-1.30678	0.191288	0.34574
KIFC3	4060.178	-0.14024	0.154837	-0.90574	0.365073	0.532373
NUDT7	32.82425	0.263048	0.393749	0.668061	0.504095	NA
GCSH	75.24389	0.365257	0.289071	1.263555	0.20639	0.363559
CMTM3	1709.049	-0.01784	0.162914	-0.1095	0.912806	0.94937
CMTM2	0.258578	1.233151	4.047809	0.304646	0.760635	NA
CDH11	171.3404	0.693555	0.26127	2.654553	0.007941	0.040458
NOL3	572.0371	-0.05858	0.16971	-0.34518	0.729957	0.828734
MAP1LC3B	4991.937	0.102486	0.150031	0.683097	0.494546	0.645623
MBTPS1	4430.516	-0.01896	0.134685	-0.14079	0.888032	0.934211
CDH13	264.0501	-0.28237	0.255317	-1.10594	0.268753	0.433655
ZCCHC14	1091.464	-0.03116	0.201261	-0.15482	0.876961	0.926427
TLDC1	485.3341	-0.42741	0.144421	-2.95949	0.003081	0.021631
OSGIN1	1119.033	-0.49737	0.27232	-1.82642	0.067788	0.170548
RHOT2	2476.239	-0.20458	0.134798	-1.51771	0.129088	0.265408
RPL3L	4.523207	-0.22046	1.004538	-0.21946	0.826289	NA
ZSCAN32	286.4232	0.002581	0.178023	0.014499	0.988432	0.994219
RPS2	27447.23	-0.33582	0.149742	-2.24264	0.02492	0.087611
NDUFB10	3051.265	-0.02507	0.13523	-0.18536	0.852943	0.912603

PDPK1	869.8565	-0.21581	0.140968	-1.53093	0.125786	0.260839
TIGD7	17.8806	0.721079	0.485576	1.484997	0.137545	NA
DEF8	2970.351	-0.08464	0.137205	-0.61692	0.537287	0.680433
TCF25	4894.547	-0.28592	0.11606	-2.46357	0.013756	0.058473
GALNS	1320.377	-0.45357	0.143447	-3.16193	0.001567	0.013907
GAS8	698.4938	-0.18283	0.223444	-0.81825	0.413216	0.576519
MED9	396.2707	-0.32493	0.17715	-1.83424	0.066618	0.168608
NCOR1	1693.158	0.111555	0.254911	0.437623	0.66166	0.777247
CDRT15P1	2.846037	0.963741	1.337804	0.72039	0.471285	NA
COPS3	1346.632	0.157464	0.145647	1.081134	0.279638	0.445605
GID4	450.2324	0.019268	0.147948	0.130235	0.896381	0.939326
ZNF287	93.19733	0.425248	0.262833	1.617938	0.105676	0.231481
KSR1	336.7891	-0.37967	0.192201	-1.97538	0.048225	0.135498
CIRH1A	2265.734	-0.15986	0.156301	-1.02275	0.306424	0.473434
RANBP10	1700.802	-0.61052	0.185091	-3.29848	9.72E-04	0.010161
CTRL	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
DPEP3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GFOD2	445.7454	-0.18488	0.193263	-0.9566	0.338769	0.507469
NOB1	1072.703	-0.02422	0.151373	-0.16	0.872881	0.924371
PRPSAP2	611.593	0.06099	0.164547	0.370653	0.710896	0.815056
MYO19	735.0567	-0.08927	0.170582	-0.52332	0.600749	0.73015
DDX52	613.5185	0.594966	0.181213	3.283243	0.001026	0.010515
RASL10B	13.35331	0.332287	0.569002	0.583981	0.559233	NA
PCTP	690.9314	-0.24574	0.157004	-1.56519	0.117538	0.248292
TOM1L1	810.1978	0.41059	0.163736	2.507628	0.012154	0.053906
C17orf80	430.3665	0.588442	0.182257	3.228643	0.001244	0.011897
TOB1	600.1155	0.101926	0.139737	0.729414	0.465748	0.622931
VPS53	3232.368	-0.67737	0.127821	-5.29933	1.16E-07	3.83E-05
SGSM2	1460.487	-0.47352	0.144162	-3.28463	0.001021	0.010509
NPEPPS	1674.339	-0.00823	0.141609	-0.05811	0.95366	0.974708
SKAP1	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
LRRC46	14.68614	-0.73021	0.539634	-1.35317	0.176002	NA
SCRN2	685.4606	-0.35286	0.152844	-2.30865	0.020963	0.078199
SSH2	1164.844	-0.08164	0.151354	-0.5394	0.589614	0.721647
RHBDL3	10.87254	0.127715	0.662289	0.192839	0.847085	NA
SPACA3	64.1724	-0.03293	0.469668	-0.0701	0.944111	0.969042
ARSG	742.6262	-0.23994	0.162575	-1.4759	0.13997	0.280266
ABCA8	37.38088	-0.23395	0.387402	-0.6039	0.545912	NA
G6PC3	3534.902	-0.25531	0.155755	-1.63917	0.101178	0.224703
CLTC	12266.23	-0.08065	0.140941	-0.57221	0.567182	0.704078
C17orf64	0.326333	1.533889	3.826878	0.40082	0.688553	NA
BCAS3	1318.736	-0.40922	0.135094	-3.02918	0.002452	0.018505
PTRH2	830.002	0.478116	0.162012	2.951106	0.003166	0.021977
SS18	965.7846	0.589176	0.187426	3.143502	0.001669	0.014431
TAF4B	508.4363	0.004151	0.201989	0.020549	0.983605	0.991371
AFG3L2	2320.827	0.046712	0.135846	0.343864	0.730949	0.829383
SLMO1	76.13042	0.243008	0.2652	0.916322	0.359498	0.526609

IMPA2	1265.171	0.215615	0.246446	0.874898	0.381629	0.547763
GNAL	740.2129	0.16736	0.248152	0.674425	0.500041	0.650427
SLC39A6	6239.429	0.550904	0.184866	2.980023	0.002882	0.020568
RPRD1A	1009.708	0.519067	0.193115	2.687871	0.007191	0.037838
C18orf21	152.9579	0.300554	0.223532	1.344565	0.178766	0.33126
GALNT1	1233.515	0.662598	0.197435	3.356031	7.91E-04	0.008987
ASXL3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MEP1B	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GAREM	232.8334	-0.20848	0.226773	-0.91932	0.357926	0.525131
ESCO1	310.4094	1.210118	0.81194	1.490404	0.136118	0.275278
OSBPL1A	3054.2	0.209846	0.182541	1.149582	0.250316	0.413938
GATA6	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
GREB1L	63.1502	-0.08815	0.303224	-0.29071	0.771275	0.858691
C18orf8	727.8338	-0.01018	0.187306	-0.05435	0.956655	0.976145
PELP1	1544.239	-0.60031	0.144801	-4.14571	3.39E-05	0.001308
NPC1	1686.913	-0.44468	0.202157	-2.19969	0.027829	0.094368
SLC14A1	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
ARRB2	626.7817	-0.18352	0.154598	-1.1871	0.235187	0.397965
SLC13A5	0.258578	1.233151	4.047809	0.304646	0.760635	NA
ZMYND15	1.655373	-1.06548	1.720195	-0.6194	0.535655	NA
WRAP53	445.6729	-0.27248	0.205953	-1.32301	0.185833	0.339662
MINK1	3592.987	-0.46505	0.140499	-3.30998	9.33E-04	0.00992
SAT2	1854.819	-0.03361	0.143355	-0.23442	0.814658	0.889545
ASGR1	1.144942	1.358971	2.181094	0.623068	0.53324	NA
PIK3R5	2.031454	0.266464	1.51793	0.175544	0.860652	NA
TP53	2305.397	-0.5146	0.142809	-3.60342	3.14E-04	0.005079
CCDC40	80.86317	0.288775	0.289118	0.998813	0.317885	0.485635
ARHGDIA	13762.85	-0.38206	0.151521	-2.52148	0.011686	0.052315
TMC6	1051.678	-0.31415	0.174911	-1.79608	0.072482	0.178968
SLC16A3	1706.143	0.128466	0.252164	0.509456	0.610433	0.737459
CARD14	16.14605	-1.47402	0.599309	-2.45953	0.013912	NA
TTYH2	5925.498	-0.58523	0.172665	-3.38937	7.01E-04	0.008296
RAB40B	347.4353	-0.15605	0.182281	-0.85611	0.391935	0.557055
EIF4A3	2401.748	-0.00591	0.143386	-0.04124	0.967101	0.981675
CSNK1D	4696.472	-0.35933	0.124156	-2.89415	0.003802	0.024629
ANAPC11	2600.947	-0.132	0.176546	-0.74771	0.454637	0.613515
TBCD	3689.085	-0.5562	0.140087	-3.97041	7.17E-05	0.002065
FN3KRP	1127.121	-0.26268	0.170804	-1.53789	0.124074	0.258597
NARF	3259.872	0.088404	0.136276	0.648707	0.516528	0.664003
RPTOR	2780.368	-0.54086	0.194669	-2.77837	0.005463	0.031471
FOXK2	1823.29	-0.30925	0.158452	-1.95166	0.050978	0.140481
TRIM65	795.2259	-0.27505	0.157191	-1.7498	0.080153	0.191691
CBX8	375.1512	-0.23212	0.178849	-1.29783	0.194344	0.349475
SECTM1	236.8556	-0.10217	0.306158	-0.3337	0.738603	0.834633
RNF157	888.41	-0.78947	0.157852	-5.00135	5.69E-07	1.12E-04
AZI1	642.4974	-0.23145	0.194201	-1.19181	0.233336	0.395906
WDR45B	2584.327	-0.14345	0.166285	-0.86265	0.388329	0.554122

CBX4	1879.125	-0.41744	0.121237	-3.44315	5.75E-04	0.007385
RNF165	6.248912	-0.61233	0.890375	-0.68773	0.491625	NA
DYM	915.4552	-0.18889	0.144448	-1.30768	0.190983	0.345349
MAPK4	3.024222	0.429684	1.16008	0.370391	0.711091	NA
ELAC1	129.3437	-0.11183	0.216649	-0.51617	0.605736	0.734104
MBD1	1606.853	-0.15805	0.132074	-1.19667	0.231434	0.393637
SMAD4	996.7509	0.212053	0.139968	1.515012	0.129769	0.266024
TNFRSF11A	32.57774	-0.1723	0.418139	-0.41207	0.68029	NA
ZCCHC2	320.4531	-0.01945	0.188534	-0.10315	0.917844	0.952399
FBXO15	11.31273	0.002756	0.604259	0.004561	0.996361	NA
CBLN2	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
PMAIP1	23.39882	0.756679	0.497166	1.521985	0.128013	NA
LEPREL4	928.5177	-0.30765	0.156338	-1.96783	0.049087	0.137021
NT5C3B	2033.846	0.044685	0.149933	0.298035	0.765677	0.854637
FAM134C	1796.249	-0.54958	0.150971	-3.64029	2.72E-04	0.004632
PIP4K2B	4000.223	-0.67634	0.160533	-4.2131	2.52E-05	0.001062
ERBB2	2836.533	-0.3837	0.132237	-2.90164	0.003712	0.02432
GRB7	3.007853	1.131564	1.17366	0.964132	0.33498	NA
MIEN1	1556.895	0.00738	0.145158	0.050842	0.959451	0.977677
ARL5C	1.87576	-0.09267	1.436063	-0.06453	0.948549	NA
STAC2	1.552348	-0.27508	1.744736	-0.15766	0.874724	NA
IGFBP4	4274.288	-0.23952	0.151077	-1.58539	0.112878	0.241634
FKBP10	7546.929	-0.32204	0.112836	-2.85408	0.004316	0.02672
TXNL4A	2646.945	-0.0585	0.143887	-0.40655	0.68434	0.794605
CACNA1A	270.1059	-0.14072	0.288476	-0.48782	0.625678	0.748948
	46.22141	0.205633	0.325771	0.631221	0.527896	NA
SAMD1	502.675	-0.28978	0.184367	-1.57176	0.116007	0.24633
BRD4	1547.158	-0.59901	0.1738	-3.44654	5.68E-04	0.007341
SLC39A3	711.9997	-0.35395	0.144256	-2.45363	0.014142	0.059645
NFIC	1680.594	-0.52296	0.189472	-2.7601	0.005778	0.032602
TPGS1	492.5259	0.17235	0.161194	1.069214	0.284973	0.45135
PPAP2C	5.796096	-1.10378	0.913688	-1.20805	0.227029	NA
FEM1A	41.21598	-0.64149	0.341224	-1.87996	0.060114	NA
VAV1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MVB12A	1545.982	-0.19202	0.136571	-1.406	0.159724	0.306892
CIB3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SH3GL1	2474.389	-0.21624	0.133117	-1.62441	0.104288	0.229312
DUS3L	544.2647	-0.09827	0.165374	-0.59421	0.55237	0.693167
DPP9	2296.823	-0.30781	0.142141	-2.1655	0.030349	0.099913
CCDC97	798.0274	-0.42355	0.134524	-3.14852	0.001641	0.014318
TMEM91	9.87501	0.469964	0.678226	0.692931	0.488353	NA
ZFP14	85.589	0.802215	0.328475	2.442239	0.014596	0.060786
WTIP	765.0034	0.187617	0.186288	1.007136	0.31387	0.481299
ADAMTS10	18.38734	-0.3411	0.588885	-0.57922	0.562438	NA
MYO1F	37.02773	-0.71073	0.367916	-1.93176	0.053389	NA
C19orf52	557.2308	-0.28323	0.157018	-1.80381	0.07126	0.176735
FBN3	0.326333	1.533889	3.826878	0.40082	0.688553	NA

CARM1	3019.041	-0.50869	0.119312	-4.26354	2.01E-05	9.36E-04
EVI5L	1891.228	-0.47609	0.137372	-3.46569	5.29E-04	0.007021
SLC47A1	275.7699	-0.25194	0.193906	-1.29926	0.193854	0.348951
PSMB6	2429.677	-0.16648	0.153606	-1.08384	0.278435	0.444537
TLK2	399.038	0.63155	0.258131	2.44663	0.01442	0.060448
TBX6	36.03574	-0.17555	0.400463	-0.43838	0.661112	NA
PPP4C	3447.41	-0.30925	0.141556	-2.18462	0.028917	0.096756
ALDOA	33410.79	-0.26216	0.124708	-2.10218	0.035538	0.111053
FAM57B	0.739585	2.778432	2.852922	0.97389	0.330111	NA
DOC2A	0.750448	2.743526	2.504729	1.095338	0.273368	NA
HIRIP3	464.5635	-0.24205	0.17138	-1.41237	0.157842	0.304264
TAOK2	2753.616	-0.4721	0.147343	-3.20411	0.001355	0.012647
TMEM219	2472.238	-0.16643	0.142075	-1.17139	0.241442	0.404507
CTF1	32.43662	-0.78233	0.38803	-2.01617	0.043783	NA
CDH8	0.890088	-0.08229	2.128047	-0.03867	0.969154	NA
KIAA1328	108.7215	0.13583	0.263281	0.515911	0.605916	0.734172
CCDC102B	9.589508	0.453936	0.678214	0.669311	0.503297	NA
CD226	2.682568	2.1703	1.448071	1.498753	0.133938	NA
CNDP1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
PRSS53	5.910213	0.28957	0.8639	0.335189	0.737483	NA
SETBP1	66.73856	-0.21867	0.280563	-0.7794	0.435742	0.59671
EPG5	2477.114	-0.32433	0.159409	-2.03458	0.041893	0.124348
PSTPIP2	37.30212	-0.47538	0.441632	-1.07641	0.281745	NA
ATP5A1	16234.39	-0.16161	0.122634	-1.31778	0.187577	0.341795
HAUS1	561.0262	0.601629	0.19992	3.009345	0.002618	0.019392
C18orf25	599.1315	0.084789	0.196514	0.431466	0.66613	0.780873
CNTNAP4	4.247695	-0.49087	1.201298	-0.40862	0.682822	NA
CARHSP1	1686.229	0.024309	0.182828	0.13296	0.894225	0.938268
TEKT5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TXNDC11	1180.991	-0.10815	0.170635	-0.63381	0.526207	0.671711
TRAPPC8	1025.477	0.596934	0.203527	2.932942	0.003358	0.022707
INO80C	250.9359	-0.02181	0.192257	-0.11347	0.90966	0.947766
NMRAL1	1256.555	-0.27035	0.150129	-1.80077	0.071739	0.177587
UBALD1	1114.991	-0.13769	0.174856	-0.78746	0.431011	0.592439
C16orf89	7.910083	-3.05234	1.171084	-2.60643	0.009149	NA
CFDP1	569.9778	0.354293	0.24787	1.429349	0.152904	0.297502
ZDHHC7	2712.516	-0.28378	0.128989	-2.20005	0.027803	0.094335
CMIP	683.5238	-0.31266	0.209841	-1.48998	0.13623	0.275434
KCNJ16	0.583919	-1.6942	2.749224	-0.61625	0.537732	NA
CEBPG	353.1868	0.686656	0.165383	4.151918	3.30E-05	0.001286
KCTD15	2221.741	-0.1287	0.148161	-0.86868	0.385022	0.550927
ZNF599	105.583	-0.00042	0.232884	-0.00182	0.99855	0.999371
LGI4	41.67974	0.182882	0.39281	0.465574	0.64152	NA
ANKFN1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
DGKE	72.54098	1.474836	0.317074	4.651399	3.30E-06	3.28E-04
MSI2	2088.079	0.397505	0.208317	1.908171	0.056369	0.150237
HS3ST3A1	8.596956	0.929521	0.999664	0.929833	0.352457	NA

GDPD1	63.94401	0.050005	0.281369	0.177721	0.858942	0.916352
GRAP	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SLC5A10	201.7954	-0.53	0.295097	-1.79601	0.072493	0.178968
C17orf103	786.04	-0.43378	0.146706	-2.95683	0.003108	0.021663
CABYR	64.15415	-0.09181	0.295348	-0.31084	0.755924	0.847421
IMPACT	949.9679	0.410436	0.201076	2.0412	0.041231	0.123029
ANKRD29	0.980782	1.975754	2.115136	0.934103	0.350251	NA
CHST9	73.45371	-0.02552	0.317351	-0.08041	0.935912	0.964049
DNAAF1	12.31717	0.137425	0.681533	0.201641	0.840197	NA
C16orf74	141.4134	-0.31722	0.259895	-1.22057	0.222247	0.382845
JPH3	0.908875	-0.75101	2.116968	-0.35476	0.722771	NA
PITPNC1	407.6551	0.167406	0.219602	0.762316	0.445871	0.605614
CERS3	0.585114	1.12675	2.73598	0.411827	0.680466	NA
PRKCA	1278.877	-0.10863	0.182876	-0.59401	0.552502	0.69323
LRRK1	1028.604	-0.38676	0.169493	-2.28186	0.022498	0.081968
CEP112	162.214	1.104485	0.729617	1.513788	0.13008	0.26643
ABCA9	11.09955	0.655656	0.639917	1.024594	0.305555	NA
ABCA6	10.70214	0.014938	0.623922	0.023942	0.980899	NA
ABCA10	17.27802	1.740975	0.546798	3.183946	0.001453	NA
ABCA5	593.2477	0.705319	0.285302	2.472183	0.013429	0.05764
PSMA8	3.732761	0.911123	1.202203	0.757878	0.448524	NA
L3MBTL4	2.962017	1.937686	1.350031	1.43529	0.151204	NA
SLFN13	9.690987	-0.37073	0.702686	-0.52759	0.597782	NA
C17orf50	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FLCN	740.3012	-0.35703	0.137967	-2.58777	0.00966	0.046071
CXXC1	1538.478	-0.10701	0.144073	-0.74271	0.457655	0.616114
SKA1	117.3551	-0.01908	0.274787	-0.06943	0.944651	0.969345
PPP4R1	1705.667	0.047474	0.14975	0.317019	0.751229	0.844474
APCDD1	290.0879	-0.58639	0.228393	-2.56744	0.010245	0.047932
PIEZO2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CCDC144B	0.847801	-1.30616	2.227118	-0.58648	0.557554	NA
MPPE1	471.6716	-0.0145	0.158314	-0.09156	0.927048	0.958156
CCDC144CI	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA
USP43	15.77106	0.243552	0.551384	0.44171	0.658699	NA
EME1	127.0934	0.014343	0.237186	0.060473	0.951779	0.97348
ANKRD40	2374.649	0.050266	0.158464	0.317206	0.751087	0.844394
ZNF18	186.7157	-0.04651	0.204516	-0.22744	0.820085	0.892334
C16orf87	153.3101	0.803037	0.229063	3.505752	4.55E-04	0.00643
HEATR3	595.8561	-0.06815	0.186769	-0.3649	0.715185	0.818469
ZKSCAN2	158.4575	-0.14476	0.228364	-0.63391	0.526137	0.671695
KDM8	57.44527	-0.33293	0.324204	-1.02692	0.30446	0.471751
PDZD9	0.288605	1.443619	4.029058	0.358302	0.720117	NA
OTOA	0.326536	0.037056	3.842554	0.009644	0.992306	NA
ZNF689	502.4719	-0.37118	0.173974	-2.13353	0.032881	0.105609
PRR14	954.88	-0.40319	0.171689	-2.34836	0.018857	0.072603
FBRS	2273.157	-0.59184	0.151717	-3.90095	9.58E-05	0.00248
PHKG2	565.5938	-0.01388	0.194615	-0.07131	0.943149	0.968558

COX6A2	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
ITGAD	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MPV17L	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NTAN1	2406.693	0.099671	0.184964	0.538866	0.58998	0.721887
SMG1	1513.908	0.497348	0.206201	2.411954	0.015867	0.064508
TMED6	8.891183	-0.04045	0.671642	-0.06022	0.951977	NA
CLEC18A	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
DDX19B	205.837	-0.15931	0.184537	-0.86332	0.387961	0.55373
ST3GAL2	1555.29	-0.42553	0.143328	-2.96891	0.002989	0.021102
FUK	740.9296	-0.36752	0.135726	-2.70783	0.006773	0.036304
IL34	29.77196	-1.95104	0.61492	-3.17284	0.00151	NA
HYDIN	10.6705	-0.01181	0.628458	-0.0188	0.985002	NA
ZNF19	46.41791	-0.06588	0.33595	-0.1961	0.844534	NA
SLC38A10	5200.114	-0.43654	0.160961	-2.71206	0.006687	0.035967
ABHD3	335.5981	0.535641	0.188382	2.843378	0.004464	0.02732
COLEC12	0.793886	-0.43778	2.212663	-0.19785	0.84316	NA
DNAH3	1.116067	-1.84515	2.007497	-0.91913	0.358027	NA
ZC3H18	1379.692	-0.34763	0.152003	-2.28701	0.022195	0.081338
RNF166	386.0581	-0.20414	0.158774	-1.2857	0.198547	0.354431
SPATA2L	469.2372	-0.17111	0.172543	-0.99168	0.321353	0.489482
ZNF276	272.6181	-0.03744	0.173828	-0.21539	0.82946	0.897194
SLC5A11	0.563552	-0.48645	2.808029	-0.17324	0.862465	NA
WNT9B	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MRPL10	1109.769	-0.26386	0.158427	-1.6655	0.095813	0.216643
PRAC1	0.783004	-0.66714	2.898037	-0.2302	0.817934	NA
HOXB13	501.0679	-0.10755	0.201919	-0.53266	0.594272	0.724655
ATP5G1	1977.416	-0.10108	0.133439	-0.75749	0.448756	0.608279
UBE2Z	5140.808	-0.34963	0.123395	-2.83346	0.004605	0.027908
SNF8	1712.052	-0.08802	0.140137	-0.62811	0.52993	0.674874
IGF2BP1	315.4141	-0.07524	0.202984	-0.37069	0.710866	0.815056
ARHGAP27	14.67201	-0.43871	0.539244	-0.81357	0.415892	NA
IRX6	358.634	-1.05839	0.297301	-3.56002	3.71E-04	0.005601
AMFR	2745.014	-0.24664	0.165569	-1.48966	0.136313	0.275434
RSPRY1	504.1672	0.185829	0.177225	1.048548	0.294386	0.461451
NAE1	964.864	0.835889	0.178611	4.679932	2.87E-06	2.97E-04
GPR114	1.224528	-0.60718	1.721431	-0.35272	0.724301	NA
CCDC135	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
ACE	7.787013	0.250265	0.711289	0.351847	0.724953	NA
TEPP	3.785341	0.493848	1.098804	0.449441	0.653114	NA
LRRC36	1.506403	1.704481	1.818534	0.937283	0.348613	NA
TPPP3	14.82505	0.210092	0.575996	0.364745	0.715302	NA
ZDHHC1	620.1331	0.008898	0.167237	0.053206	0.957568	0.976514
ATP6V0D1	6241.274	-0.36652	0.140421	-2.61017	0.00905	0.044218
AGRP	1.418511	-0.10897	1.758181	-0.06198	0.950581	NA
RLTPR	6.447728	-0.00332	0.779743	-0.00425	0.996606	NA
C16orf86	271.9525	-0.31065	0.192517	-1.6136	0.106614	0.232765
PSKH1	2618.592	-0.27279	0.15246	-1.78924	0.073577	0.180809

ABR	11969.1	-0.58318	0.166324	-3.50631	4.54E-04	0.00643
LYPD5	4.855515	0.215408	0.921023	0.23388	0.815078	NA
ZNF230	95.7004	0.770881	0.252409	3.054097	0.002257	0.01748
ZNF221	30.67488	0.697306	0.488713	1.42682	0.153632	NA
CPAMD8	3.595881	-0.16574	1.059027	-0.1565	0.875637	NA
NR2F6	1738.247	-0.24994	0.139408	-1.79286	0.072996	0.179985
ANKLE1	19.71551	0.477488	0.536415	0.890147	0.373387	NA
CILP2	27.04253	-0.72216	0.488017	-1.47978	0.138931	NA
ZNF66	6.059757	0.95456	0.915162	1.043051	0.296925	NA
ZNF714	91.50285	0.521969	0.34566	1.510064	0.131027	0.267538
C19orf47	555.7052	-0.19854	0.178405	-1.11289	0.265757	0.430423
HIPK4	0.696104	-0.93034	2.354268	-0.39517	0.692715	NA
SHKBP1	3050.317	-0.37564	0.128375	-2.92609	0.003433	0.022986
SPTBN4	28.83067	-0.19727	0.404502	-0.48769	0.62577	NA
TAOK1	2136.149	0.508417	0.253572	2.005024	0.044961	0.129622
DEDD2	635.604	0.109075	0.232438	0.469263	0.638881	0.759385
NEK8	81.22614	-0.45124	0.268765	-1.67892	0.093167	0.213018
TLCD1	90.62936	-0.40281	0.265778	-1.51559	0.129624	0.266013
SAFB	2246.043	-0.28703	0.156637	-1.83245	0.066885	0.169066
NACC1	2124.184	-0.5443	0.160019	-3.40146	6.70E-04	0.008081
IER2	531.212	-0.02753	0.198416	-0.13877	0.889632	0.935478
PTGER1	9.838178	0.243782	0.692766	0.351897	0.724916	NA
MUM1	1687.858	-0.29481	0.137436	-2.14506	0.031948	0.103652
ZNF333	234.6453	-0.01544	0.222821	-0.06931	0.944746	0.969358
CELF5	4.381652	-0.42709	0.926823	-0.46081	0.644934	NA
MFSD12	69360.31	-0.15409	0.135472	-1.1374	0.255371	0.419543
FBXO27	121.0576	-0.4193	0.247691	-1.69284	0.090486	0.208495
DMKN	154.2912	-0.35179	0.218628	-1.60908	0.107599	0.234081
U2AF1L4	45.45618	0.260919	0.375211	0.695391	0.48681	NA
NPHS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
THAP8	286.7964	-0.30536	0.17625	-1.73255	0.083176	0.196347
COX7A1	133.3179	0.443323	0.325948	1.360101	0.173798	0.325802
ZNF382	32.7445	0.25464	0.405704	0.62765	0.530233	NA
DUSP14	1510.04	0.349457	0.212291	1.646123	0.099738	0.223094
PLXDC1	3.184229	-0.49504	1.088395	-0.45483	0.64923	NA
PGAP3	408.8978	-0.30715	0.166929	-1.83999	0.06577	0.167212
GRIN2C	4.272038	0.110166	0.940685	0.117113	0.90677	NA
FDXR	867.5706	-0.3461	0.169002	-2.04793	0.040567	0.121415
SAP30BP	1709.739	5.26E-05	0.160163	3.28E-04	0.999738	0.999738
ACOX1	1519.618	-0.26945	0.147706	-1.82424	0.068116	0.17123
PRPSAP1	998.2354	-0.03504	0.147788	-0.23708	0.812594	0.888591
CYGB	25347.38	-0.28292	0.191317	-1.47878	0.1392	0.279177
SRSF2	2031.313	-3.64E-04	0.153221	-0.00237	0.998106	0.999318
CCL5	60.62018	-0.09349	0.34812	-0.26857	0.788263	0.871434
CCL16	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KLHL10	0.720624	1.435938	2.334155	0.615185	0.538432	NA
HCRT	0.096202	0.408546	4.079639	0.100143	0.920231	NA

MPP3	72.33945	0.143155	0.270038	0.530129	0.596023	0.726065
NAGS	68.84413	-0.04659	0.322503	-0.14447	0.885128	0.932072
LSM12	123.2811	-0.14766	0.231075	-0.63903	0.522806	0.669027
ASB16	5.704136	-1.11004	0.852704	-1.30178	0.192991	NA
FAM171A2	241.5603	-0.11742	0.17438	-0.67335	0.500725	0.651245
DBF4B	408.5861	-0.42503	0.212518	-1.99995	0.045506	0.13062
PLCD3	1756.951	-0.16779	0.14306	-1.17288	0.240842	0.404073
OR7G1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RAVER1	738.578	-0.63534	0.178044	-3.56844	3.59E-04	0.005535
SYCE2	3.612285	0.108506	1.055075	0.102842	0.918088	NA
SPC24	382.0926	-0.66429	0.292797	-2.26876	0.023283	0.08387
ALOX15	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF653	139.5539	0.222741	0.23497	0.947953	0.343154	0.511307
MED11	291.7345	0.080658	0.173989	0.463581	0.642948	0.762444
CXCL16	63.7131	0.252424	0.299487	0.842855	0.39931	0.563892
SCIMP	0.774539	0.39797	2.296349	0.173305	0.862411	NA
RNASEK-C1	17.8458	0.551052	0.489391	1.125996	0.260167	NA
BCL6B	1.393935	-2.09637	1.832113	-1.14424	0.252526	NA
TNFSF13	63.55021	-0.2785	0.292227	-0.95301	0.340583	0.5087
SENP3	779.9757	-0.19062	0.170809	-1.11598	0.264432	0.428902
FGF11	10.42709	0.231059	0.657958	0.351176	0.725456	NA
EIF4A1	51.55799	0.061687	0.331669	0.18599	0.852452	0.912243
RPL26	3023.107	0.593228	0.132172	4.488318	7.18E-06	5.25E-04
POLR3K	573.2507	0.067634	0.204734	0.330352	0.741134	0.836776
SNRNP25	1158.607	0.002721	0.156084	0.017433	0.986091	0.992622
WDR90	289.5006	-0.41451	0.191754	-2.16165	0.030645	0.100548
JMJD8	959.8958	-0.27879	0.227089	-1.22769	0.219565	0.379257
CCDC78	48.25427	0.176942	0.310991	0.568961	0.569382	0.705805
SPSB3	4.32768	-0.36301	0.966051	-0.37577	0.707089	NA
MEIOB	1.653947	-0.31892	1.531024	-0.20831	0.834989	NA
HS3ST6	0.260158	1.240347	4.047124	0.306476	0.759242	NA
C16orf59	199.1988	-0.3638	0.245248	-1.48338	0.137973	0.277326
CCNF	497.957	-0.57832	0.204319	-2.83046	0.004648	0.028075
TBC1D24	401.0178	-0.34548	0.198791	-1.73792	0.082224	0.194875
AMDHD2	1173.379	-0.16207	0.163886	-0.98895	0.32269	0.490721
NTN3	2.015828	0.661606	1.414901	0.467599	0.640072	NA
CCDC64B	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PAQR4	527.9352	-0.03697	0.249509	-0.14819	0.882194	0.930128
FLYWCH2	696.4659	-0.1994	0.143806	-1.3866	0.165565	0.314604
ZG16B	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ZNF75A	187.2889	0.452641	0.206423	2.192781	0.028323	0.095362
ADCY9	3770.049	-0.6226	0.195557	-3.18374	0.001454	0.013322
SNHG16	1503.142	-0.15524	0.190213	-0.81613	0.414426	0.57773
SLC35G3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GPT2	273.8453	-0.05512	0.183619	-0.30021	0.764016	0.853667
BRD7	704.6696	0.458344	0.18925	2.421896	0.01544	0.063199
ZNF319	342.8351	-0.41463	0.17097	-2.42515	0.015302	0.062857

C16orf71	15.77033	0.211595	0.560921	0.377227	0.706005	NA
COX11	856.442	0.225642	0.14768	1.527909	0.126535	0.261839
STXBP4	184.5479	0.431585	0.211384	2.041708	0.041181	0.122909
PLEKHF1	476.6063	-0.06655	0.172446	-0.38593	0.699551	0.806494
TMEM100	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA
CYB5A	995.2898	0.274795	0.13905	1.976229	0.048129	0.135397
WDR88	3.589549	-0.62427	1.024673	-0.60924	0.542366	NA
ATP9B	502.9259	-0.28282	0.16184	-1.74756	0.080541	0.192192
KIAA0355	617.7343	-0.07919	0.173442	-0.45661	0.647952	0.766251
SERPINB8	443.1379	0.40572	0.206312	1.966533	0.049237	0.13727
CDYL2	64.84865	-0.17627	0.300711	-0.58617	0.557764	0.69668
CENPN	732.6256	-0.06174	0.177825	-0.3472	0.728442	0.827728
ATMIN	1298.556	0.038283	0.171759	0.22289	0.823621	0.893657
C16orf46	22.46713	-0.78451	0.446403	-1.7574	0.07885	NA
PKD1L2	6.489683	-0.23053	0.7899	-0.29185	0.770401	NA
TMX3	947.5539	1.001996	0.215766	4.643902	3.42E-06	3.37E-04
MFAP4	3.260346	1.263551	1.150494	1.098269	0.272087	NA
MAPK7	797.9642	-0.44271	0.225749	-1.96109	0.049869	0.138259
PRKCB	2447.499	0.007161	0.148719	0.048152	0.961595	0.979188
CCDC68	2.698724	0.94992	1.28577	0.738794	0.460032	NA
BEAN1	92.56035	-0.48752	0.319875	-1.52411	0.127481	0.263336
TK2	1078.554	-0.39803	0.141458	-2.81379	0.004896	0.029107
SLC38A8	89.53987	-1.15837	1.09831	-1.05468	0.291571	0.458432
SEC11C	1626.158	0.485557	0.168643	2.879192	0.003987	0.025425
CPLX4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NDEL1	1204.915	0.274606	0.164249	1.671885	0.094547	0.215011
CENPV	33.50242	0.116065	0.417681	0.27788	0.781104	NA
CDH16	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RRAD	0.392711	0.292538	3.145221	0.09301	0.925895	NA
FAM96B	2088.053	-0.13247	0.170223	-0.77821	0.436444	0.597188
WDR16	1.51462	-0.4102	2.147409	-0.19102	0.848508	NA
MC4R	13.10437	-0.41273	0.576099	-0.71643	0.473726	NA
ATF7IP2	183.0002	0.369995	0.253145	1.461592	0.143853	0.285467
TVP23A	4.456448	0.747356	1.02381	0.729975	0.465405	NA
COG1	793.4136	-0.43271	0.143553	-3.01426	0.002576	0.019243
AP1G1	2311.428	-0.08615	0.134486	-0.64062	0.521772	0.668425
SLFN5	3015.301	0.469644	0.285566	1.644605	0.100051	0.223218
C16orf45	313.7764	-0.04212	0.212741	-0.19801	0.84304	0.906755
KIAA0430	2219.943	-0.27565	0.156383	-1.76269	0.077953	0.188086
LDHD	172.4653	-0.58882	0.210451	-2.7979	0.005144	0.030142
TMEM170A	212.8614	0.136179	0.181854	0.748839	0.453955	0.612733
C18orf54	181.6925	0.469137	0.260471	1.801108	0.071686	0.17753
DCTN5	2737.858	-0.15716	0.170274	-0.92296	0.356026	0.523878
TERF2IP	2005.351	0.097995	0.155508	0.630161	0.528589	0.673809
PLK1	1447.79	-0.6326	0.279446	-2.26377	0.023588	0.084611
CHP2	0.394291	0.298745	3.141711	0.09509	0.924243	NA
CCDC178	0.682693	2.623213	2.518338	1.041645	0.297576	NA

RCCD1	842.024	-0.24396	0.175471	-1.39029	0.164441	0.313265
AKTIP	159.209	0.233241	0.210005	1.110649	0.266719	0.431639
MAPRE2	1510.817	-0.0522	0.14561	-0.35852	0.719955	0.821628
NUDT21	1951.839	0.272618	0.171335	1.59114	0.111578	0.239791
B4GALNT2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PHB	4581.261	-0.14044	0.163361	-0.85967	0.389968	0.555391
SNRPD1	1135.088	0.343497	0.16735	2.052566	0.040115	0.120643
SAMD14	93.98675	-0.16078	0.241536	-0.66567	0.505621	0.654811
TMEM92	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ACSF2	2704.897	-0.19198	0.191654	-1.00172	0.316478	0.483985
LINC00483	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SP2	725.8871	-0.36482	0.169024	-2.15838	0.030898	0.10116
PRR15L	2.064156	-1.93642	1.516065	-1.27727	0.201509	NA
COQ7	415.3415	0.262263	0.169681	1.545624	0.122195	0.255544
GPRC5B	268.4399	-0.06005	0.291824	-0.20578	0.836965	0.902391
CRK	2277.504	0.197798	0.165488	1.195242	0.231992	0.394248
NOD2	11.32747	-0.97757	0.658117	-1.48541	0.137436	NA
SNX20	0.452561	2.061505	3.349456	0.615474	0.538241	NA
KATNAL2	50.90407	0.54661	0.307193	1.779369	0.075179	0.183083
HDHD2	518.4354	0.157047	0.198134	0.792633	0.427992	0.589776
ZNF91	73.82684	1.17967	0.510497	2.310827	0.020842	0.077896
CCL23	1.078282	-2.71064	2.113412	-1.28259	0.199636	NA
CDK12	1403.609	-0.08002	0.149563	-0.53505	0.592612	0.7233
DPEP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DUS2	275.4532	-0.39142	0.18267	-2.14276	0.032132	0.103994
ENGASE	542.5059	0.001092	0.195786	0.005576	0.995551	0.997908
RBFOX3	0.584911	2.38756	2.690807	0.887303	0.374916	NA
TBC1D16	71296.3	-0.52462	0.16305	-3.21757	0.001293	0.012237
ENTHD2	195.9362	0.118062	0.22855	0.516567	0.605459	0.733992
MYO5B	1.996495	-1.46063	1.495385	-0.97676	0.328688	NA
ACAA2	1551.361	0.154729	0.122614	1.261916	0.206979	0.36412
FN3K	173.8269	-0.52703	0.310774	-1.69587	0.089911	0.207626
PRRT2	26.70055	-0.333	0.427678	-0.77861	0.436207	NA
ZNF23	8.413513	0.51893	0.768666	0.675105	0.499609	NA
IRGQ	692.1798	-0.54382	0.154066	-3.52981	4.16E-04	0.006094
ZNF668	335.519	-0.37004	0.18062	-2.04873	0.040488	0.121331
ZNF646	831.8007	-0.51252	0.162376	-3.1564	0.001597	0.014121
VKORC1	571.4335	-0.0221	0.171435	-0.12891	0.897426	0.939815
LPO	0.613743	-0.17004	2.749758	-0.06184	0.950691	NA
SMG8	759.0731	-0.2016	0.155164	-1.29925	0.193859	0.348951
TPM4	19572.47	0.038694	0.172548	0.224251	0.822562	0.893074
RAB8A	1079.55	-0.34683	0.171419	-2.0233	0.043043	0.126367
GPX4	6461.865	-0.07222	0.177935	-0.4059	0.684813	0.794992
MIDN	612.864	-0.64455	0.207023	-3.11343	0.001849	0.01532
JSRP1	0.690946	-1.56103	2.699004	-0.57837	0.563013	NA
FAM129C	2.107674	-0.14896	1.323619	-0.11254	0.910393	NA
KLHL26	140.9337	-0.65776	0.266103	-2.47184	0.013442	0.057654

GATAD2A	4695.401	-0.33962	0.161191	-2.10692	0.035125	0.110159
MVD	1985.003	-0.24245	0.157336	-1.54098	0.123322	0.257437
CDT1	360.912	-0.41261	0.239327	-1.72404	0.0847	0.198364
TRAPPC2L	1674.027	0.109873	0.135446	0.811195	0.417254	0.580308
ANKRD11	3076.819	0.117214	0.198652	0.590046	0.55516	0.695073
SPATA33	176.4841	0.167462	0.228516	0.732826	0.463665	0.621241
	2.828658	0.246865	1.306914	0.188892	0.850178	NA
PROCA1	24.21066	0.482502	0.508028	0.949753	0.342238	NA
RPL13	29574.98	-0.0052	0.144205	-0.03609	0.971212	0.984247
DHRS13	116.1193	-0.71643	0.259414	-2.76174	0.005749	0.032518
TP53I13	1391.227	-0.1088	0.126474	-0.86024	0.389655	0.555087
CORO6	41.43218	0.19611	0.360471	0.544037	0.586416	NA
SERTAD3	602.9621	-0.14491	0.158279	-0.91556	0.3599	0.527003
RAB4B	238.086	-0.16988	0.183877	-0.92389	0.355545	0.523732
C19orf55	161.4982	-0.82263	0.244438	-3.36539	7.64E-04	0.00881
AXL	750.1144	-0.4494	0.199508	-2.25252	0.02429	0.086239
NFKBID	63.77454	-0.18641	0.291038	-0.64048	0.521857	0.668462
TMEM145	21.24412	-0.83146	0.468617	-1.77429	0.076015	NA
ZNF526	534.3336	-0.43474	0.165007	-2.63468	0.008422	0.041958
ZNF146	707.8174	0.724613	0.257073	2.818709	0.004822	0.028826
ZNF283	90.47926	0.571671	0.270952	2.109859	0.03487	0.109623
PPP1R14A	12.04344	-0.20984	0.613326	-0.34214	0.732244	NA
SPINT2	0.997115	0.104049	2.1472	0.048458	0.961351	NA
C19orf33	1.099787	-2.48189	2.397845	-1.03505	0.300646	NA
YIF1B	2749.909	-0.14237	0.124737	-1.14137	0.253716	0.417799
ATCAY	0.260158	1.240347	4.047124	0.306476	0.759242	NA
DAPK3	3025.812	-0.05144	0.191368	-0.2688	0.788084	0.871362
EEF2	84952.05	-0.41014	0.134132	-3.05776	0.00223	0.017335
TMIGD2	0.823352	-0.17011	2.472341	-0.06881	0.945144	NA
CHAF1A	747.369	-0.20368	0.198745	-1.02481	0.305451	0.472607
UBXN6	4961.52	-0.17043	0.118482	-1.43842	0.150315	0.294008
	1815.737	-0.40762	0.130659	-3.11972	0.00181	0.015146
PLIN4	2.633238	-0.0914	1.465737	-0.06236	0.950275	NA
SEMA6B	22.91647	-0.03441	0.609294	-0.05647	0.954964	NA
NXN	490.0246	-0.36518	0.172595	-2.1158	0.034362	0.108572
FAM57A	830.4154	-0.22501	0.137445	-1.6371	0.101609	0.225279
GLOD4	1552.325	0.110569	0.125203	0.883115	0.377174	0.543833
SLC43A2	36.42524	-0.09877	0.370037	-0.26693	0.789523	NA
RILP	332.6132	-0.0227	0.16003	-0.14182	0.887224	0.933443
SERPINF2	0.957843	0.061519	2.068681	0.029738	0.976276	NA
WDR81	4507.488	-0.6095	0.174313	-3.4966	4.71E-04	0.006572
SRR	243.8408	-0.11299	0.205069	-0.55098	0.581646	0.715217
TSR1	1160.589	0.119663	0.135831	0.88097	0.378334	0.544645
TRPV3	111.8742	0.048311	0.302563	0.159672	0.87314	0.92445
HSD11B1L	285.183	0.135696	0.168159	0.806949	0.419696	0.582747
CYB5D2	892.2802	-0.15444	0.163814	-0.94278	0.345791	0.51364
ACER1	0.163957	0.424913	4.079006	0.104171	0.917034	NA

ANGPTL4	247.9567	1.560416	0.675828	2.308895	0.020949	0.078197
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
CD320	2546.266	-0.2663	0.140589	-1.89417	0.058202	0.153798
ZNF558	171.1278	0.277964	0.245276	1.133269	0.257101	0.42116
C3P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PRDX2	4811.311	-0.04571	0.136055	-0.33596	0.736902	0.833267
ZNF232	149.6398	0.25306	0.208817	1.211878	0.225559	0.386778
MIS12	392.5459	0.399034	0.168135	2.373289	0.01763	0.069469
CD300C	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HID1	9.794912	0.785744	0.80308	0.978413	0.32787	NA
ICT1	741.5716	0.23169	0.165476	1.400143	0.16147	0.309069
ATP5H	3004.755	0.36666	0.170416	2.15156	0.031432	0.102411
TMEM88	3.926707	-0.41365	1.00175	-0.41293	0.679658	NA
EVPL	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SRP68	2104.946	-0.16326	0.141103	-1.15702	0.247263	0.410746
MGAT5B	1108.957	-1.02805	0.216962	-4.7384	2.15E-06	2.63E-04
TMC8	8.350422	-1.15187	0.734767	-1.56767	0.116959	NA
TK1	1424.216	-0.43318	0.192548	-2.24974	0.024465	0.08666
GSDMA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TMEM99	342.0168	-0.23143	0.172479	-1.34176	0.179673	0.332225
GHDC	1582.97	-0.36898	0.159873	-2.30795	0.021002	0.078273
ITFG3	1640.5	-0.4334	0.141731	-3.05792	0.002229	0.017335
PRR25	1.743613	-0.66006	1.560343	-0.42302	0.67228	NA
ZNF598	1374.817	-0.31833	0.170276	-1.8695	0.061553	0.160095
RAB26	22.8114	0.20335	0.464993	0.437319	0.66188	NA
MLST8	2430.283	-0.13235	0.15384	-0.8603	0.389623	0.555087
E4F1	621.9934	-0.1432	0.164192	-0.87215	0.383129	0.549014
DNASE1L2	6.533516	-0.21659	0.842943	-0.25694	0.797224	NA
ECI1	683.5386	-0.24159	0.180061	-1.34171	0.17969	0.332225
CASKIN1	13.31733	-0.17511	0.648778	-0.26991	0.78723	NA
ABCA3	32.96932	0.385645	0.558165	0.690916	0.489618	NA
KCTD5	1050.532	-0.11493	0.164107	-0.70036	0.483701	0.637354
SRRM2	5478.045	-0.57561	0.220607	-2.6092	0.009075	0.044294
ZNF597	41.01763	0.103047	0.355851	0.28958	0.772138	NA
NLRC3	9.338266	0.603765	0.671017	0.899775	0.36824	NA
ANKS3	409.6063	0.011861	0.206342	0.057483	0.95416	0.974799
NUDT16L1	956.9019	-0.14342	0.164032	-0.87435	0.381925	0.548084
OR1F1	1.212268	-1.34711	1.888238	-0.71342	0.475586	NA
VASN	82.61998	-0.70016	0.300339	-2.33124	0.019741	0.075032
OR2C1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
TTC39C	254.6647	0.059071	0.277538	0.212839	0.831452	0.89868
NKIRAS2	834.1	-0.28031	0.137785	-2.03438	0.041914	0.124377
DNAJC7	941.4004	0.5546	0.18231	3.042076	0.00235	0.017947
THAP11	880.1578	-0.06669	0.173757	-0.3838	0.701129	0.807895
MLKL	171.3255	-0.11907	0.264658	-0.4499	0.652786	0.770411
RFWD3	1058.348	-0.26118	0.191528	-1.36369	0.172666	0.324032
COG7	369.2623	-0.29985	0.172683	-1.73644	0.082485	0.195273

TXNDC2	0.641986	1.117767	2.709494	0.412537	0.679946	NA
RAB31	1816.99	0.450453	0.238264	1.890559	0.058683	0.154802
ATXN2L	2653.659	-0.50238	0.157237	-3.19505	0.001398	0.012949
SOGA2	562.4007	-0.46153	0.193323	-2.38737	0.01697	0.067758
HEXIM2	75.41388	-0.21307	0.273555	-0.7789	0.436036	0.596949
DYNLRB2	1.670148	0.750303	1.621208	0.462805	0.643504	NA
TMUB2	1269.399	-0.22745	0.175347	-1.29714	0.194584	0.349673
STAT3	3377.884	-0.4354	0.119169	-3.65362	2.59E-04	0.004545
AXIN2	160.3611	-0.13921	0.197682	-0.70422	0.481295	0.635739
ZNF30	63.73729	0.327709	0.307404	1.066056	0.286398	0.4527
LDLRAD4	1.720268	-0.9865	1.532984	-0.64351	0.51989	NA
KCTD19	1.590133	0.039996	1.513994	0.026417	0.978925	NA
TMEM208	1297.894	0.042332	0.149146	0.28383	0.77654	0.862136
CA7	0.586491	2.39072	2.689057	0.889055	0.373973	NA
ABHD15	432.877	-0.25799	0.181001	-1.42537	0.15405	0.299094
CHTF8	1019.33	-0.46956	0.156979	-2.99124	0.002778	0.020158
SNTB2	1044.049	-0.05513	0.154236	-0.35742	0.72078	0.82241
ZNF507	372.1255	0.46339	0.23487	1.972968	0.048499	0.135924
DDX19A	1245.365	-0.03514	0.132635	-0.26494	0.791052	0.873258
LRRC28	491.2435	-0.08014	0.164412	-0.48746	0.625933	0.749009
CTRB2	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
LGALS9	8.08693	-2.81941	0.972111	-2.90029	0.003728	NA
UQCRFS1	1946.712	-0.16573	0.14425	-1.14891	0.250594	0.414278
XPO6	3909.113	-0.37981	0.122303	-3.10543	0.0019	0.015577
GSG1L	95.08646	-0.45371	0.295271	-1.53659	0.124394	0.258991
NSMCE1	1170.963	-0.1552	0.133563	-1.16201	0.245231	0.408145
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
CD2BP2	2929.779	-0.19394	0.156519	-1.2391	0.215309	0.374429
TBC1D10B	2471.594	-0.33768	0.167162	-2.02007	0.043376	0.126906
NPIPB3	76.59327	0.476049	0.381606	1.247487	0.212219	0.370797
PDILT	0.424115	1.932531	3.45462	0.559405	0.575885	NA
UMOD	2.601125	0.424042	1.33029	0.318759	0.74991	NA
GP2	27.1222	-0.4636	0.723558	-0.64072	0.521703	NA
INO80E	1302.782	0.004777	0.151624	0.031505	0.974867	0.98618
HEXDC	270.5198	-0.18508	0.199064	-0.92975	0.352499	0.520437
SPNS1	19.3737	-0.13602	0.494712	-0.27495	0.783353	NA
LRRC45	823.3918	-0.21849	0.160432	-1.3619	0.17323	0.324944
STRA13	1397.221	0.034527	0.179398	0.192461	0.847381	0.909114
ASPSCR1	824.2025	-0.38203	0.173619	-2.20039	0.027779	0.094335
FASN	12257.73	-0.82336	0.180808	-4.55378	5.27E-06	4.28E-04
MT1E	119.1389	-0.4644	0.349603	-1.32838	0.184054	0.337295
DUS1L	2398.84	-0.03729	0.139274	-0.26774	0.788903	0.87186
GPS1	3799.033	-0.24692	0.121567	-2.03117	0.042238	0.125025
RFNG	1022.089	-0.20918	0.176863	-1.18274	0.236911	0.399741
DCXR	1632.254	-0.16615	0.156148	-1.06405	0.287305	0.453569
RAC3	563.8368	0.166993	0.202767	0.82357	0.410184	0.573638
AHSP	0.162376	0.424913	4.079006	0.104171	0.917034	NA

ITGAM	1.740846	-0.21584	1.754359	-0.12303	0.902081	NA
PYDC1	0.613743	-0.17004	2.749758	-0.06184	0.950691	NA
ZNF764	159.1341	-0.3122	0.213041	-1.46546	0.142795	0.283795
ZNF747	175.2574	-0.47951	0.219758	-2.18201	0.029109	0.09701
ZNF768	1130.433	-0.3443	0.162334	-2.12094	0.033927	0.107602
NLGN2	882.2065	-0.66708	0.177372	-3.76094	1.69E-04	0.003497
CHD3	11222.32	-0.24741	0.181236	-1.36515	0.172207	0.323484
CNTROB	1103.09	-0.35756	0.169638	-2.10778	0.03505	0.109983
TRAPPC1	3697.399	-0.1575	0.136136	-1.1569	0.247314	0.410746
KCNAB3	22.52702	-0.12323	0.461594	-0.26696	0.789503	NA
ZNF778	69.20478	0.301931	0.284297	1.062028	0.288223	0.454433
CHRNB1	316.2424	0.007352	0.211131	0.034822	0.972221	0.984681
SLC16A5	408.035	-0.52689	0.197862	-2.66294	0.007746	0.039802
ADPRM	298.5605	0.455911	0.19394	2.350785	0.018734	0.072294
ELP5	912.7446	0.002572	0.159682	0.016108	0.987148	0.993273
GABARAP	1184.355	-0.20854	0.187748	-1.11074	0.266682	0.431639
STX8	851.0859	0.174672	0.180115	0.969781	0.332156	0.500589
UBB	16926.98	-0.27699	0.186603	-1.48438	0.137709	0.277124
GPRC5C	1.307261	2.037817	2.096389	0.972061	0.33102	NA
ADORA2B	234.3144	-0.08032	0.24439	-0.32868	0.742401	0.837721
TMC7	4.532546	-0.14519	0.930678	-0.15601	0.876026	NA
ARL6IP1	4610.237	-0.16351	0.205751	-0.79471	0.426784	0.58859
CDH2	714.393	0.050677	0.198687	0.255059	0.798677	0.878323
DLGAP1	485.3312	0.116169	0.187001	0.621221	0.534454	0.678129
SOCS6	1119.4	0.136146	0.252787	0.538582	0.590175	0.721887
HOXB9	33.45683	0.104313	0.39268	0.265644	0.790513	NA
TTLL6	19.77029	0.556594	0.543922	1.023299	0.306167	NA
USP32	1773.663	0.344889	0.142434	2.421391	0.015461	0.063226
PPM1D	436.3557	0.086689	0.219693	0.394592	0.693144	0.801993
PSG6	0.192403	0.975392	4.060716	0.240202	0.810174	NA
TANC2	1166.102	-0.37216	0.150368	-2.475	0.013324	0.057401
MBD3L1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LRRC8E	16.35059	-0.37606	0.506599	-0.74233	0.457887	NA
INSR	269.9216	-0.27671	0.217142	-1.27431	0.202554	0.358825
NRTN	88.52868	-0.18989	0.277295	-0.68479	0.493476	0.644607
NETO2	143.2646	0.022089	0.217506	0.101556	0.919109	0.953118
JUNB	872.0325	-0.10123	0.174455	-0.58026	0.561741	0.699815
SHCBP1	707.222	0.031226	0.25507	0.122421	0.902566	0.943056
NPTX1	2612.11	0.208965	0.859151	0.243223	0.807833	0.885317
	1601.083	-0.80176	0.228752	-3.50493	4.57E-04	0.00643
ZNF439	170.5131	0.130316	0.269931	0.482775	0.629255	0.751771
ZNF440	283.5138	-0.15712	0.222094	-0.70747	0.479274	0.633846
GAA	3443.984	-0.52469	0.123964	-4.2326	2.31E-05	0.001003
CANT1	2327.138	-0.46195	0.140163	-3.29585	9.81E-04	0.010195
KRT19	0.460669	-0.62593	3.398671	-0.18417	0.853882	NA
KRT9	26.25622	0.539687	0.672053	0.803042	0.421951	NA
KRT27	23.69956	-0.54474	0.51662	-1.05444	0.291682	NA

DSEL	244.6531	0.953872	0.238794	3.994537	6.48E-05	0.001936
ZNF562	479.9404	-0.22657	0.187525	-1.20824	0.226957	0.388458
ZNF561	759.6662	0.145087	0.1807	0.802918	0.422022	0.584608
WIPF2	1616.195	-0.5131	0.151446	-3.38799	7.04E-04	0.008326
RSL1D1	2714.739	0.405825	0.18352	2.211337	0.027012	0.092446
NEUROD2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
DNAI2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
BPTF	1179.845	0.39942	0.660204	0.604995	0.545182	0.686764
LGALS4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RASGRP4	0.968319	1.86533	2.390384	0.780348	0.435186	NA
BCL2	474.7605	-1.53E-04	0.174938	-8.74E-04	0.999303	0.999472
ZNF540	25.47874	0.84929	0.489024	1.736705	0.082439	NA
ZNF570	54.71832	0.099885	0.304685	0.32783	0.74304	0.838049
RNMTL1	570.6666	-0.0924	0.168674	-0.54782	0.583813	0.717088
AQP4	1.656519	1.208323	1.708219	0.707358	0.479344	NA
CYP4F11	1.630839	0.747778	1.64147	0.455554	0.648711	NA
LGALS9C	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
TVP23B	361.3052	0.845224	0.209929	4.026232	5.67E-05	0.001782
FBXW10	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
ATPAF2	386.9738	-0.27937	0.159735	-1.74897	0.080297	0.19188
LRRC48	39.10222	-0.28337	0.360595	-0.78583	0.431967	NA
ZNF57	66.09312	0.137389	0.279017	0.492404	0.622434	0.746665
ZNF554	95.21832	-0.23327	0.252968	-0.92213	0.356459	0.524101
THOP1	1691.855	-0.25366	0.185438	-1.36788	0.17135	0.322285
ORMDL3	1789.021	-5.75E-04	0.145353	-0.00396	0.996842	0.998779
MOB3A	798.9604	-0.49018	0.164352	-2.98253	0.002859	0.020475
SLFN12	236.1803	0.73371	0.231206	3.173403	0.001507	0.013595
CALB2	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
TEFM	256.6068	0.3999	0.194469	2.056371	0.039747	0.119837
MALT1	398.4485	0.847946	0.1671	5.074466	3.89E-07	8.53E-05
AZU1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
BSG	18902.55	-0.40741	0.154167	-2.64266	0.008226	0.041382
COPRS	1570.896	-0.03258	0.142685	-0.22832	0.819398	0.891854
CCDC11	10.38969	0.446658	0.62509	0.71455	0.474887	NA
FAM195A	707.8871	0.013709	0.18232	0.075189	0.940064	0.966562
PRSS27	21.493	-0.81254	0.467475	-1.73815	0.082184	NA
PRSS30P	0.617467	-1.75734	3.109154	-0.56522	0.571927	NA
ZNF24	2499.423	0.638457	0.217763	2.931886	0.003369	0.022712
BANP	639.3526	0.058632	0.181774	0.322557	0.747031	0.84103
C17orf66	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TAF15	2710.38	-0.10932	0.150693	-0.72542	0.468195	0.624629
ZNF738	50.38079	0.696408	0.378067	1.842021	0.065472	0.166907
SLFN11	7.68328	-0.54074	0.772199	-0.70026	0.483764	NA
FAM192A	1578.582	-0.00634	0.149017	-0.04253	0.966079	0.981394
RAB37	2.867381	-1.23554	1.213096	-1.0185	0.30844	NA
RPL38	10105.03	0.256417	0.178741	1.434576	0.151408	0.295445
CES4A	15.35837	0.096542	0.520153	0.185604	0.852755	NA

CES3	3.668398	-0.01606	1.03245	-0.01555	0.987591	NA
CES2	1164.76	-0.22974	0.158586	-1.44868	0.147427	0.290626
PDP2	381.1962	-0.0451	0.17552	-0.25695	0.797214	0.877202
DCAKD	640.1833	-0.75687	0.194197	-3.89745	9.72E-05	0.0025
FAM222B	649.2125	-0.50531	0.171177	-2.95198	0.003157	0.021941
	1.893177	0.476377	1.467625	0.324591	0.745491	NA
PTPRM	6728.138	0.034014	0.14767	0.230336	0.817831	0.890746
CHD2	1585.821	0.31137	0.209863	1.483681	0.137893	0.277213
WFIKKN2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
STAT5B	1687.67	-0.03696	0.12746	-0.28995	0.771853	0.858857
CD7	0.709944	0.232855	2.332364	0.099837	0.920474	NA
CNP	9998.743	-0.54834	0.121038	-4.53031	5.89E-06	4.69E-04
JUP	161.4812	-0.60504	0.218318	-2.77138	0.005582	0.031952
HAP1	3.23156	-0.3842	1.247451	-0.30799	0.75809	NA
TDRD12	1.32425	-0.50336	1.927261	-0.26118	0.793956	NA
EIF1	12134.45	-0.16452	0.150391	-1.09397	0.273969	0.439786
ENDOV	216.0586	-0.35848	0.192504	-1.86219	0.062576	0.161938
RNF213	4747.641	-0.90088	0.181459	-4.96464	6.88E-07	1.26E-04
10-Mar	2.365232	0.168011	1.321467	0.12714	0.89883	NA
PHOSPHO1	6.011485	0.304738	0.84316	0.361424	0.717783	NA
ZNF791	314.3178	0.534635	0.200849	2.661876	0.007771	0.039835
CBX2	349.1034	-0.37084	0.183233	-2.02385	0.042985	0.126323
HOXB2	239.6841	0.085432	0.197105	0.433434	0.664699	0.779659
C1QTNF1	2133.52	-0.5181	0.206424	-2.50989	0.012077	0.053662
SWSAP1	94.80944	-0.20885	0.236611	-0.88268	0.377407	0.543904
RAX2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TCAP	12.23593	0.003673	0.602455	0.006096	0.995136	NA
PIK3R6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	47.24161	0.109969	0.312553	0.351842	0.724957	0.82527
MRPL45	1008.928	0.211807	0.158726	1.334418	0.182067	0.334896
C16orf91	302.4021	0.083459	0.173832	0.480117	0.631144	0.75342
SOCS7	276.563	-0.22898	0.169565	-1.35037	0.176898	0.329058
CTU2	589.0256	-0.22583	0.149226	-1.51337	0.130186	0.266601
PRPF8	9295.123	-0.69569	0.132969	-5.23199	1.68E-07	4.62E-05
PITPNA	4147.868	-0.23739	0.119751	-1.98238	0.047436	0.134086
ZBTB4	3758.372	-0.48108	0.133327	-3.60828	3.08E-04	0.005033
TNK1	51.14625	0.339495	0.437528	0.775939	0.437785	0.597921
SLC16A11	2.318422	0.491792	1.496177	0.328699	0.742383	NA
SLC16A13	38.18315	-0.23917	0.391174	-0.61141	0.540931	NA
STARD6	1.020857	0.19325	2.085078	0.092682	0.926156	NA
TTC9B	7.08884	-0.0493	0.760709	-0.06481	0.948325	NA
IQCK	61.66951	0.039494	0.333056	0.11858	0.905608	0.945402
ZNF266	301.0176	-0.11052	0.168896	-0.65437	0.512875	0.660023
PCP2	2.710295	0.070169	1.266431	0.055407	0.955815	NA
EMR1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NDUFA11	551.3599	0.087637	0.152	0.576559	0.564238	0.702086
C19orf70	1737.006	-0.04546	0.15721	-0.28917	0.772449	0.85903

SEZ6L2	588.7539	-0.49841	0.201721	-2.4708	0.013481	0.05774
ASPHD1	278.1291	0.22319	0.265565	0.840434	0.400665	0.565475
KCTD13	549.3549	-0.13621	0.166133	-0.81986	0.412295	0.575436
	8.790834	0.704451	0.721635	0.976188	0.328971	NA
FAM211A-A	12074.5	-0.01434	0.162724	-0.08814	0.929762	0.960189
TVP23C	30.36174	-0.07909	0.411202	-0.19233	0.847481	NA
YPEL2	379.0235	0.268758	0.207099	1.297724	0.194382	0.349475
PPM1E	40.11079	0.345633	0.350065	0.987341	0.323475	NA
MED16	1223.138	-0.56525	0.152996	-3.69455	2.20E-04	0.004125
ZNF519	29.98527	0.927205	0.410684	2.25771	0.023964	NA
PTPN2	268.8296	0.595679	0.247777	2.404092	0.016213	0.065572
SMAD2	2063.27	0.134567	0.147094	0.914842	0.360275	0.527421
ERCC4	234.4081	0.061377	0.225412	0.272287	0.785401	0.869693
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RMI2	202.545	-0.27072	0.216094	-1.25277	0.210289	0.368021
TOM1L2	3800.915	-0.49076	0.198759	-2.46911	0.013545	0.057906
ZNF77	172.0977	0.135406	0.208896	0.648198	0.516857	0.664138
B3GNTL1	73.6397	-0.20726	0.2871	-0.72191	0.470348	0.626655
CTDNEP1	1828.557	-0.3262	0.162428	-2.00827	0.044615	0.129054
ETV4	224.0926	-0.51798	0.263203	-1.968	0.049068	0.137
BAIAP2	1810.832	-0.58305	0.156524	-3.725	1.95E-04	0.003827
RPL7AP66	1.560106	-0.0832	1.582614	-0.05257	0.958072	NA
	245.0524	-0.3867	0.207555	-1.86311	0.062447	0.161813
ARL4D	292.6961	-0.06636	0.222769	-0.29788	0.765794	0.854687
	17.8928	-0.02088	0.51703	-0.04039	0.967779	NA
UBE2O	1528.285	-0.62822	0.154611	-4.0632	4.84E-05	0.001613
ORAI3	416.5844	-0.6619	0.180017	-3.6769	2.36E-04	0.004314
TUBB6	4623.209	-0.08621	0.198585	-0.43412	0.664203	0.779426
NUPR1	161.1582	0.46683	0.250427	1.864131	0.062303	0.161585
YES1	700.5738	0.71191	0.250339	2.843785	0.004458	0.027313
CHMP6	795.4578	-0.2655	0.144796	-1.8336	0.066713	0.168708
CCDC57	259.4563	0.184938	0.208304	0.887824	0.374636	0.54093
HSF5	0.326333	1.533889	3.826878	0.40082	0.688553	NA
SPHK1	1216.342	0.289888	0.291578	0.994202	0.320125	0.488238
CIDEA	1.257127	1.462356	1.777172	0.822855	0.41059	NA
ATAD5	51.35305	1.391614	0.539614	2.578909	0.009911	0.046923
ZNF404	19.86067	0.654308	0.479852	1.363561	0.172706	NA
RTTN	467.9378	-0.25138	0.163508	-1.53743	0.124188	0.258742
TAC4	0.891108	0.008384	2.435479	0.003442	0.997253	NA
HSD11B2	1.075752	0.450053	2.098769	0.214437	0.830206	NA
CRLF3	239.02	0.453994	0.197818	2.295011	0.021732	0.080136
EID2	344.9173	0.386576	0.183872	2.102423	0.035516	0.111035
EID2B	34.1741	0.186383	0.366948	0.507928	0.611504	NA
SLCO3A1	573.729	0.145669	0.179955	0.809478	0.41824	0.581245
ZNF575	75.59794	-0.45432	0.308731	-1.47156	0.141139	0.281685
CCDC101	167.7733	-0.29496	0.268697	-1.09776	0.272311	0.437848
DIRAS1	1267.983	-0.18152	0.198048	-0.91656	0.359373	0.526491

PHLDB3	199.8717	-0.30733	0.216662	-1.41846	0.156057	0.301904
GNG7	1500.153	-0.46231	0.141638	-3.26401	0.001098	0.011027
CNTD1	12.39559	0.675336	0.650691	1.037875	0.299328	NA
LMNB2	2700.639	-0.48175	0.219129	-2.19848	0.027915	0.094605
MEX3C	1098.514	0.418072	0.149784	2.791168	0.005252	0.030564
RNF152	64.71525	0.629809	0.312152	2.017638	0.043629	0.127269
MYO1D	10082.82	-0.5256	0.181446	-2.89671	0.003771	0.024496
FOXL1	1.431763	2.610478	1.858973	1.404258	0.160242	NA
LRRC37A	5.491862	0.917401	0.978245	0.937803	0.348346	NA
FOXC2	1.044145	0.31036	2.099918	0.147796	0.882504	NA
ACSF3	670.1388	-0.24766	0.141348	-1.75215	0.079749	0.191024
ZNF843	21.26856	-0.25242	0.478045	-0.52802	0.597488	NA
CDK5R1	1475.631	-0.01736	0.166058	-0.10452	0.91676	0.951845
LRRC37A3	17.09575	0.097072	0.500143	0.194089	0.846106	NA
IRX5	153.0566	-0.30509	0.268198	-1.13754	0.255311	0.419503
METRNL	513.3266	-0.11413	0.219472	-0.52	0.603064	0.732138
TYMS	2078.727	-0.18229	0.204786	-0.89015	0.373385	0.539792
C18orf56	54.22354	-0.52493	0.355809	-1.47531	0.140129	0.280366
EFCAB5	16.84879	0.896843	0.556775	1.61078	0.107228	NA
NFATC2IP	1006.451	-0.12063	0.134584	-0.8963	0.370092	0.536887
SHMT1	680.6237	-0.29742	0.203204	-1.46365	0.143289	0.284682
SMCR8	608.7687	-0.41445	0.16089	-2.57596	0.009996	0.047157
FAM210A	445.8608	0.389068	0.188932	2.059303	0.039465	0.119231
B3GNT8	30.14725	-0.53701	0.428604	-1.25292	0.210235	NA
CHD9	698.269	0.882803	0.326191	2.706403	0.006802	0.03642
TRIM72	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
FBXO39	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
TOP3A	791.0101	-0.39531	0.160714	-2.45969	0.013906	0.058918
CASKIN2	673.0642	-0.50514	0.17494	-2.88749	0.003883	0.024986
DLGAP1-AS	84.0007	0.190093	0.263966	0.720142	0.471438	0.627431
TIMM22	948.5439	-0.30891	0.161754	-1.90973	0.056167	0.150029
HIC1	6.000843	0.137366	0.840059	0.16352	0.870109	NA
TGIF1	1227.662	0.328592	0.178764	1.838135	0.066043	0.167724
MIEF2	324.4099	-0.05023	0.185193	-0.27125	0.786198	0.870413
CD19	0.706784	0.225544	2.334352	0.096619	0.923029	NA
PTRF	14286.51	-0.48203	0.1613	-2.9884	0.002804	0.020297
IRX3	392.3131	-0.12154	0.207058	-0.58697	0.557225	0.696283
ST8SIA3	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
RABEP2	1293.534	-0.26247	0.180084	-1.45751	0.144976	0.286927
C18orf32	85.03774	0.14637	0.273795	0.534597	0.592928	0.723463
ZNF491	58.71431	-0.13184	0.325745	-0.40474	0.685671	0.79533
GSG2	123.0864	-0.47377	0.292207	-1.62137	0.104939	0.230452
KIAA0195	2336.486	-0.64584	0.148854	-4.3387	1.43E-05	7.69E-04
FLII	5913.701	-0.35999	0.145892	-2.46749	0.013606	0.058023
GRB2	2835.594	-0.14696	0.134628	-1.09158	0.275016	0.440659
CENPBD1	254.6339	-0.15257	0.221048	-0.69023	0.490048	0.642357
STAP2	601.0946	-0.08743	0.174762	-0.50027	0.616882	0.742224

TWF1P1	12.44896	0.709534	0.628121	1.129615	0.258639	NA
TSSK6	60.82931	-0.34436	0.289239	-1.19057	0.233822	0.396391
NDUFV2	6.875594	0.434384	0.800025	0.542963	0.587155	NA
PARD6G	1276.635	-0.28007	0.156442	-1.79025	0.073413	0.180638
SH2B1	1424.598	-0.24965	0.130076	-1.91925	0.054952	0.14779
PRSS36	13.66487	-0.26704	0.574163	-0.46509	0.641864	NA
TMPRSS9	2.276549	0.46223	1.343335	0.344092	0.730777	NA
TMEM11	846.3345	-0.03214	0.15108	-0.21276	0.831516	0.89868
KCNG2	3.102859	0.529001	1.117184	0.473513	0.635847	NA
	9.006416	-0.11015	0.70382	-0.1565	0.87564	NA
	0.900564	1.750062	2.175753	0.804348	0.421196	NA
	1.082223	-2.45149	2.404193	-1.01967	0.307883	NA
	10.53045	-0.52133	0.671283	-0.77662	0.437384	NA
KLHL11	70.57645	0.08844	0.31576	0.280084	0.779413	0.864677
CTXN1	290.2326	0.144473	0.205293	0.703741	0.481594	0.635881
MAF	1119.831	-0.32201	0.184737	-1.74308	0.081321	0.193352
ERN1	115.4873	-0.5544	0.2392	-2.31774	0.020463	0.076899
SUZ12	643.8392	0.733125	0.306576	2.391336	0.016787	0.067285
CPNE7	798.572	0.695326	0.583804	1.191026	0.233643	0.396258
EFCAB13	12.02747	1.113729	0.607768	1.83249	0.066878	NA
DPY19L3	1836.165	0.496268	0.15667	3.167609	0.001537	0.013769
PFAS	1075.65	-0.76674	0.220713	-3.47391	5.13E-04	0.00691
C17orf62	1355.256	-0.30067	0.129655	-2.319	0.020395	0.076709
ZBTB7A	1923.174	-0.22338	0.165029	-1.3536	0.175865	0.328018
TUFM	8489.081	-0.13293	0.120346	-1.10454	0.269359	0.433993
CTC1	374.2137	-0.47193	0.204047	-2.31284	0.020731	0.077653
LINC00324	68.24171	0.473732	0.583586	0.81176	0.41693	0.580061
EIF3K	4530.468	-0.17872	0.136608	-1.30824	0.190792	0.345061
AURKB	626.1516	-0.47536	0.252986	-1.87901	0.060243	0.15768
TMEM107	401.3422	-0.33225	0.165116	-2.01222	0.044197	0.128169
EXOC3L1	20.3057	-0.11245	0.481504	-0.23354	0.815338	NA
	1.705682	-0.24761	1.597667	-0.15498	0.876835	NA
PER1	802.447	-0.53566	0.248503	-2.15554	0.031119	0.101631
HES7	83.60612	0.369486	0.40363	0.915409	0.359977	0.527051
FARSA	3140.087	-0.28114	0.143276	-1.96224	0.049734	0.138006
SAMD4B	2861.762	-0.29939	0.171736	-1.74332	0.081277	0.193289
ALOXE3	2.025073	0.612299	1.55562	0.393604	0.693873	NA
GGN	9.713374	0.123061	0.667491	0.184363	0.853729	NA
CALR	30755.43	-0.49643	0.151706	-3.2723	0.001067	0.010822
RAD23A	4906.946	-0.16146	0.150064	-1.07594	0.281953	0.448104
GADD45GIl	2428.397	-0.0699	0.171007	-0.40874	0.682729	0.793428
MEIS3P1	101.9522	0.393574	0.286466	1.373893	0.169475	0.319924
DAND5	0.162376	0.424913	4.079006	0.104171	0.917034	NA
C17orf96	132.2862	-0.06226	0.322239	-0.19322	0.846788	0.908806
WSCD1	9.974803	-0.09875	0.675321	-0.14623	0.883743	NA
GEMIN4	811.3965	-0.50181	0.159587	-3.14442	0.001664	0.014409
RNF151	0.488709	2.119056	3.307564	0.64067	0.521737	NA

CIITA	45.64817	-0.43329	0.32757	-1.32273	0.185925	NA
ZFPM1	269.0231	-0.35564	0.20186	-1.76182	0.0781	0.188276
ALOX15B	0.495797	-0.73607	3.324282	-0.22142	0.824763	NA
PLD6	56.66412	-0.58756	0.373068	-1.57494	0.115269	0.245203
CDC42EP4	441.2247	-0.44372	0.154413	-2.87357	0.004059	0.02562
SYCN	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PIPOX	14.32909	-0.16471	0.65591	-0.25112	0.801719	NA
CDH5	0.162376	0.424913	4.079006	0.104171	0.917034	NA
GIPC3	1005.522	-0.18104	0.243796	-0.7426	0.457722	0.616134
	78.4486	-0.44608	0.274609	-1.62441	0.104288	0.229312
PDXDC1	5293.597	-0.11867	0.187887	-0.63162	0.527638	0.673176
B3GNT3	0.520316	2.239969	3.173769	0.705776	0.480328	NA
SEPHS2	3535.239	0.117808	0.139595	0.843927	0.39871	0.563508
DCTPP1	1371.586	-0.02313	0.171124	-0.13514	0.892497	0.936854
ZNF771	298.5072	-0.08036	0.171559	-0.46843	0.639474	0.75954
TSHZ1	995.7915	-0.22313	0.213125	-1.04694	0.295129	0.462431
ZADH2	1628.694	0.02795	0.147353	0.18968	0.84956	0.910463
ZNF48	220.6419	-0.27281	0.210532	-1.2958	0.195046	0.350068
1-Sep	50.56	-0.04354	0.305326	-0.1426	0.886606	0.933124
FAHD1	1307.51	-0.06127	0.142965	-0.42858	0.668227	0.782242
MYLPF	2.190881	1.283853	1.452526	0.883876	0.376763	NA
CCDC43	608.0858	0.406172	0.165458	2.454831	0.014095	0.059508
C17orf104	9.579516	1.383086	0.699117	1.978332	0.047891	NA
FZD2	232.423	-0.22321	0.218745	-1.02039	0.307543	0.474791
LINC00304	2.727412	0.363803	1.32179	0.275236	0.783135	NA
HMHA1	394.1917	-0.15469	0.182472	-0.84775	0.396579	0.561232
	2.320658	0.254809	1.5859	0.160671	0.872352	NA
ZNF571	56.38809	0.321685	0.316602	1.016053	0.309604	0.476958
SSTR2	8.300069	2.33008	1.05057	2.21792	0.02656	NA
ZNF594	46.08915	0.586307	0.357177	1.641501	0.100694	NA
SLC47A2	2.773577	0.898	1.292386	0.694839	0.487156	NA
S1PR5	3.844874	0.253917	1.187509	0.213823	0.830685	NA
	56.44728	0.053336	0.339344	0.157173	0.875108	0.925378
ANKRD30B	34.31932	1.812223	0.510829	3.547611	3.89E-04	NA
ZFP3	33.63836	-0.20826	0.517435	-0.40248	0.68733	NA
CSNK1G2-A	0.976776	-2.39789	2.178705	-1.1006	0.271069	NA
ZNF443	24.93723	0.827047	0.451689	1.831011	0.067099	NA
ZNF792	128.4856	-0.11604	0.238288	-0.48697	0.626281	0.749266
CUEDC1	1241.857	-0.31071	0.128676	-2.41466	0.01575	0.064127
KCTD2	1948.775	-0.48529	0.156002	-3.11077	0.001866	0.015428
CMTR2	579.4446	0.497373	0.198429	2.506561	0.012191	0.054008
ZFP82	72.15901	0.081435	0.275512	0.295577	0.767553	0.855764
NQO1	37221.55	-0.05776	0.19806	-0.29162	0.770581	0.858171
TRAPPC5	23.37412	-0.25569	0.513747	-0.49769	0.618705	NA
RPH3AL	3.284234	0.952345	1.150697	0.827624	0.407883	NA
SLC25A42	214.0947	-0.37359	0.216451	-1.72599	0.084349	0.197978
METTL23	589.0319	0.056539	0.196063	0.288373	0.773061	0.8594

SLC26A11	582.6662	-0.36205	0.161303	-2.24452	0.024799	0.087277
MUC16	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
POLR2A	5345.916	-0.86968	0.184521	-4.71316	2.44E-06	2.71E-04
SLC25A41	1.228827	0.64505	2.019407	0.319426	0.749404	NA
TMEM102	515.8914	-0.15603	0.214493	-0.72744	0.466957	0.623713
TMEM132E	0.327913	1.543154	4.021063	0.383768	0.701151	NA
FAM211A	186.0432	0.060632	0.324986	0.186568	0.852	0.911895
CCL13	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SYNE4	1.247817	-0.68254	1.954986	-0.34913	0.726992	NA
OGFOD3	819.5596	-0.415	0.161966	-2.56229	0.010398	0.048343
AATK	112.9088	-1.23693	0.348718	-3.54707	3.90E-04	0.005824
RNF135	539.481	-0.24986	0.155595	-1.60583	0.108311	0.23517
ACBD4	333.3813	-0.23218	0.204501	-1.13537	0.25622	0.420414
SGSH	1575.579	-0.42463	0.163948	-2.59001	0.009597	0.045907
MEX3D	689.853	-0.22288	0.207913	-1.07199	0.283723	0.450213
MRPS23	1384.07	0.436965	0.187384	2.331917	0.019705	0.074993
SLX1B	0.392711	0.292538	3.145221	0.09301	0.925895	NA
HKR1	472.1401	-0.21666	0.152614	-1.41969	0.155699	0.301553
ODF3L2	0.612162	-0.19706	2.47693	-0.07956	0.936588	NA
SLC2A4	5.847236	0.609023	0.841038	0.724133	0.468984	NA
CLDN7	13.32979	-0.01134	0.608683	-0.01862	0.985142	NA
ZNF101	185.8563	-0.00118	0.200867	-0.00585	0.995329	0.997908
GINS3	252.2809	-0.13428	0.209291	-0.64162	0.521123	0.668146
TMEM259	4538.872	-0.17772	0.14271	-1.24534	0.213005	0.371732
DEXI	10.86358	-0.33549	0.624375	-0.53732	0.591044	NA
ZNF708	54.18009	0.597683	0.546573	1.093511	0.274169	0.439821
IST1	2396.247	-0.1621	0.13622	-1.18998	0.234056	0.39656
TSEN54	473.0904	-0.00309	0.172149	-0.01797	0.985659	0.99244
RGMA	13.31775	-1.99578	0.694836	-2.87231	0.004075	NA
CYB5D1	256.9034	0.049648	0.217183	0.228598	0.819181	0.891783
SYNM	703.4479	0.098091	0.185547	0.528658	0.597042	0.726799
GLTPD2	15.87243	-0.23149	0.529483	-0.4372	0.661969	NA
	0.883146	1.112834	2.554178	0.435692	0.663061	NA
DNM1P46	27.81323	0.369157	0.415866	0.887683	0.374711	NA
NPLOC4	6025.604	-0.38859	0.130304	-2.98222	0.002862	0.020475
TEX19	0.599903	-1.73313	2.730982	-0.63462	0.525678	NA
CAPN12	1.44476	-0.28802	2.162196	-0.13321	0.89403	NA
EXOC7	2681.835	-0.34064	0.127585	-2.66993	0.007587	0.039355
KPNA2	7260.809	-0.34846	0.1711	-2.0366	0.04169	0.123969
FES	850.9716	-0.42899	0.142738	-3.00545	0.002652	0.019527
MXRA7	3509.267	-0.21536	0.176734	-1.21857	0.223008	0.38382
NXPH3	2.519101	-1.49614	1.35817	-1.10158	0.270642	NA
HS3ST4	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
TSPAN10	5142.975	-0.69435	0.261712	-2.65311	0.007975	0.040544
SKA2	1063.352	0.471368	0.15313	3.078221	0.002082	0.016597
PPP1R27	1.793601	-0.1489	1.460382	-0.10196	0.918788	NA
BRICD5	46.07352	-0.07398	0.383828	-0.19274	0.847165	NA

GALR2	2.241218	0.891611	1.362709	0.654293	0.512923	NA
HOXB4	262.0135	-0.19818	0.184057	-1.07675	0.281592	0.44773
NGRN	1773.299	-0.08777	0.168221	-0.52175	0.601844	0.730956
DDX28	360.9948	-0.1959	0.161726	-1.21132	0.225771	0.386966
C16orf72	944.428	-0.02428	0.138092	-0.17581	0.860446	0.917154
VMO1	13.5104	1.083488	0.603268	1.79603	0.07249	NA
TMEM95	0.163957	0.424913	4.079006	0.104171	0.917034	NA
GJC1	1204.5	-0.16122	0.225374	-0.71536	0.474387	0.629745
PYCR1	464.1535	-0.15495	0.275202	-0.56305	0.573399	0.70927
LSMD1	1639.17	0.011405	0.133291	0.085563	0.931813	0.961401
SPNS2	6.097093	-0.17053	0.843966	-0.20206	0.839872	NA
C19orf59	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
OTOP2	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
ABAT	516.1524	-0.46832	0.257619	-1.81786	0.069086	0.172997
SLC25A10	124.3241	-0.45866	0.250548	-1.83064	0.067154	0.169494
LYSMD4	178.3773	-0.0519	0.212421	-0.24434	0.80697	0.884734
AFMID	803.3721	-0.18044	0.135212	-1.33449	0.182042	0.334896
LYPD4	0.327913	1.543154	4.021063	0.383768	0.701151	NA
GJD3	7.395332	-0.74531	0.748358	-0.99592	0.319289	NA
C2CD4C	19.39513	0.558339	0.689188	0.810141	0.417859	NA
CHST6	114.6085	-1.01441	0.230562	-4.39972	1.08E-05	6.42E-04
GDPGP1	54.22987	-0.27519	0.307554	-0.89476	0.370915	0.53772
	1.614435	0.100692	1.58733	0.063435	0.94942	NA
CCBE1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
C19orf71	2485.473	-0.60039	0.219817	-2.73134	0.006308	0.034476
CCDC159	373.8692	-0.22691	0.202674	-1.11956	0.262902	0.427413
RPS7P1	41.56131	0.36178	0.359761	1.005612	0.314602	NA
NPIPA1	269.3121	-0.12257	0.256313	-0.47821	0.6325	0.754704
GRIN2A	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	52.39726	-0.32883	0.43282	-0.75974	0.447412	0.607081
ASB7	413.2467	-0.03251	0.190213	-0.17089	0.864308	0.92003
ACSM5	21.7637	-0.07932	0.43957	-0.18045	0.856797	NA
PGPEP1L	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
	15.22963	0.33896	0.526748	0.643496	0.519903	NA
MRPL54	864.2614	0.108814	0.160773	0.676814	0.498524	0.649308
C15orf32	0.327913	1.543154	4.021063	0.383768	0.701151	NA
ALYREF	1434.608	-0.22802	0.162589	-1.40243	0.160786	0.308346
FAM101B	4113.223	-0.44208	0.135787	-3.25567	0.001131	0.011192
CMTM4	1019.337	-0.04984	0.141902	-0.35126	0.725397	0.825454
TBL3	1395.765	-0.37704	0.145085	-2.59875	0.009357	0.045147
	26.76023	-0.49616	0.586471	-0.84601	0.397549	NA
NPIPA5	21.59285	-0.15373	0.532144	-0.2889	0.772661	NA
ZNF730	6.454116	1.281575	1.034515	1.238817	0.215413	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
DNAH2	1.344026	1.504564	2.095704	0.717928	0.472802	NA
NPW	12.49568	-1.05481	0.779117	-1.35385	0.175783	NA
COA3	1804.352	-0.05413	0.130528	-0.41471	0.678356	0.790205

ACTG1	93611.85	-0.32251	0.159674	-2.01979	0.043405	0.126951
VPS33B	774.1455	-0.34925	0.139029	-2.5121	0.012002	0.053428
ADAP2	0.989093	-0.34325	2.31721	-0.14813	0.882238	NA
EIF3C	149.4424	-0.63669	0.309317	-2.05838	0.039553	0.119436
NR2C2AP	339.0827	-0.09535	0.203916	-0.46759	0.640077	0.76018
KCNJ12	4.850742	-1.91533	0.959526	-1.99612	0.04592	NA
PGP	1370.058	-0.05633	0.160073	-0.35189	0.724919	0.82527
ALDH1A3	781.5386	0.567129	0.287263	1.974253	0.048353	0.135674
TM2D3	704.4873	0.195951	0.180245	1.087137	0.276976	0.442933
SPATA32	0.938698	0.081169	1.915817	0.042368	0.966205	NA
CCR10	24.11936	-0.47472	0.425946	-1.1145	0.265066	NA
HDDC3	220.9124	-0.36621	0.177231	-2.06626	0.038804	0.117772
ZFP1	212.6768	0.401026	0.255718	1.568236	0.116826	0.247228
	6.244676	0.086618	0.949012	0.091272	0.927276	NA
SOCS3	21.61883	0.418804	0.454772	0.920908	0.357098	NA
SNN	2637.694	-0.32909	0.154146	-2.13495	0.032765	0.105468
KRBA2	11.20732	-0.1704	0.628939	-0.27092	0.786449	NA
ZNF93	44.5009	1.171609	0.398211	2.942182	0.003259	NA
9-Sep	27290.34	-0.6988	0.165921	-4.21162	2.54E-05	0.001062
CLDN6	1.931684	1.755502	1.70602	1.029004	0.303478	NA
APOBR	2.329755	0.974366	1.316456	0.740143	0.459213	NA
ZBTB7C	0.94809	-2.20833	2.818137	-0.78361	0.433267	NA
TMEM186	179.2589	0.109795	0.20857	0.526418	0.598598	0.728207
SDR42E1	1.269533	2.018767	2.236927	0.902474	0.366805	NA
PIGW	264.1005	-0.01467	0.196262	-0.07477	0.940397	0.966736
FMNL1	103.7882	-0.65962	0.331883	-1.98752	0.046865	0.133202
ZFP90	94.53485	-0.13215	0.261463	-0.50542	0.613262	0.740047
TMEM106A	169.0361	-0.63333	0.208282	-3.04072	0.00236	0.017993
CIB1	1751.699	-0.13262	0.150413	-0.8817	0.377939	0.544274
MYADML2	0.410275	0.244283	3.100889	0.078778	0.937209	NA
TBC1D3F	5.579871	0.707105	0.972349	0.727213	0.467095	NA
LRRC37B	68.70076	-0.00877	0.326995	-0.02683	0.978598	0.988521
NOMO2	492.456	-0.50529	0.221474	-2.28147	0.022521	0.081968
LINC00482	16.37015	1.109878	0.540346	2.054013	0.039974	NA
PRSS57	0.517155	2.232561	3.179631	0.702145	0.482589	NA
MC2R	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RAB11B	2997.429	-0.16243	0.133013	-1.22118	0.222016	0.382559
GP1BA	13.49112	-1.05043	0.584999	-1.7956	0.072557	NA
UBALD2	1877.462	-0.08223	0.173095	-0.47505	0.634751	0.75605
NOTUM	2.946439	1.173852	1.279053	0.917751	0.358749	NA
CCDC137	1070.364	0.009197	0.169444	0.054279	0.956713	0.976145
CDK10	1113.623	0.034119	0.156451	0.218078	0.827368	0.895973
SOCS1	24.74643	-1.14699	0.524187	-2.18812	0.028661	NA
HGS	3174.011	-0.37852	0.134713	-2.80983	0.004957	0.029396
TNFAIP8L1	517.4517	-0.46415	0.219976	-2.11	0.034858	0.109623
RAD51D	180.7649	-0.47498	0.24469	-1.94116	0.052239	0.142531
TARSL2	177.8877	0.47999	0.210377	2.28157	0.022515	0.081968

FAM174B	999.0098	-0.40682	0.149325	-2.72439	0.006442	0.035027
C17orf70	1182.649	-0.3775	0.184086	-2.05065	0.040301	0.120955
SV2B	1614.443	-0.67713	0.21327	-3.175	0.001498	0.013563
PDE6G	16.4432	-0.47321	0.519706	-0.91054	0.362538	NA
NR2F2	788.5528	-0.18492	0.241889	-0.76447	0.444586	0.604492
TLCD2	22.85019	-0.25061	0.450461	-0.55633	0.577982	NA
WASH3P	99.52332	0.091065	0.237764	0.383005	0.701716	0.808361
P4HB	19456.81	-0.30572	0.123014	-2.48526	0.012946	0.056298
SNAI3	8.869512	-0.0259	0.71271	-0.03634	0.97101	NA
C16orf52	291.5498	0.635628	0.192728	3.298056	9.74E-04	0.010161
ANKFY1	3340.676	-0.50326	0.145822	-3.45119	5.58E-04	0.007239
SRL	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ADAMTSL5	328.0939	0.027323	0.250352	0.109138	0.913093	0.94937
PCYT2	3120.146	-0.26238	0.136469	-1.9226	0.05453	0.147055
ARL17A	3.205172	0.035747	1.19021	0.030034	0.97604	NA
EVI2B	61.88611	0.138321	0.322642	0.428712	0.668133	0.782242
NPIPB4	16.54936	0.126004	0.613115	0.205514	0.83717	NA
ZNF829	42.45053	0.700523	0.555261	1.261611	0.207089	NA
ATP6V0C	55.55524	-0.44958	0.330863	-1.3588	0.174211	0.326183
C16orf54	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RTN4RL1	255.5871	-0.22908	0.186535	-1.22805	0.219427	0.379144
PAGR1	396.6908	-0.23424	0.219749	-1.06592	0.286458	0.452735
ZNF267	19.49198	0.683468	0.544018	1.256334	0.208995	NA
RPS4XP21	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NDUFA13	111.4519	-0.06599	0.244728	-0.26966	0.787425	0.871252
ZNF566	121.1583	0.530935	0.240643	2.206315	0.027362	0.093319
ZNF529	136.1057	0.478346	0.290873	1.644518	0.100069	0.223218
PIP5K1C	3144.655	-0.49398	0.141774	-3.48429	4.93E-04	0.006739
WWOX	369.3187	-0.17124	0.152627	-1.12193	0.261892	0.426298
KIF18B	255.8995	-0.7227	0.300575	-2.40439	0.0162	0.065554
ZNRF1	370.949	-0.38166	0.179162	-2.13028	0.033149	0.106017
MKL2	604.4976	-0.34801	0.198321	-1.7548	0.079294	0.190173
ZNF555	126.6701	-0.06406	0.221269	-0.28952	0.772184	0.858857
RGS9BP	12.1994	-0.30449	0.634616	-0.4798	0.631371	NA
KRT10	1388.204	0.052965	0.160761	0.329465	0.741804	0.837188
ANKRD20A	1.159694	-0.24887	2.055096	-0.1211	0.903612	NA
ZNF396	41.47874	-0.20002	0.372557	-0.5369	0.591339	NA
SMYD4	541.344	-0.0487	0.170495	-0.28565	0.775145	0.860909
GPATCH8	1250.414	-0.09041	0.144891	-0.62401	0.532622	0.676767
MIR22HG	498.0497	0.519273	0.191408	2.712914	0.006669	0.035967
C17orf58	198.2276	-0.09325	0.243804	-0.38248	0.702106	0.808431
FSCN2	3.82523	0.560588	1.038966	0.539563	0.589498	NA
ZNF397	233.4431	0.23637	0.259087	0.912322	0.361599	0.528818
ZSCAN30	263.1181	0.170117	0.223595	0.760828	0.44676	0.606544
HEXIM1	2389.079	0.036049	0.119959	0.300513	0.763786	0.85349
KRT14	14.5453	0.30899	0.680406	0.454126	0.649738	NA
MAPT	110.5376	-1.48496	0.390519	-3.80254	1.43E-04	0.003156

ZACN	1.937385	-1.41272	1.911357	-0.73912	0.459835	NA
KANK3	22.97608	-0.38973	0.50364	-0.77383	0.439033	NA
PKD1L3	5.12799	0.614834	0.880377	0.698376	0.484942	NA
C17orf82	61.46491	-0.03856	0.335699	-0.11486	0.908554	0.947226
VSTM2B	13.29234	0.467825	0.630199	0.742345	0.457879	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
ZNF546	47.12841	0.506643	0.342504	1.479231	0.139078	0.279075
MT1X	31.02081	-0.61382	0.372212	-1.64911	0.099125	NA
KRT12	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
EPOR	612.108	-0.38099	0.176816	-2.15475	0.031182	0.10175
RDM1	23.4307	-0.28482	0.514491	-0.5536	0.579853	NA
RPL7P48	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SIRT7	448.929	0.040225	0.183927	0.218699	0.826884	0.895634
	31.18565	-0.05114	0.389801	-0.1312	0.895615	NA
IFT140	716.7107	-0.45211	0.149423	-3.02574	0.00248	0.018705
USP7	1843.016	0.122775	0.15258	0.80466	0.421016	0.58376
NANOS3	6.887129	-0.70056	0.793309	-0.88309	0.377188	NA
ZNF385C	1.591713	0.041659	1.513932	0.027517	0.978047	NA
	94.57298	0.31422	0.287907	1.091392	0.275101	0.440659
C17orf97	34.18922	-0.4251	0.367656	-1.15625	0.247581	NA
VMAC	109.1017	-0.14622	0.229054	-0.63838	0.523225	0.669419
HAPLN4	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
TRPV2	6095.618	-0.32661	0.146307	-2.23238	0.02559	0.089457
FANCA	278.4184	-0.42465	0.244209	-1.73889	0.082054	0.194628
FAM69C	1487.218	-0.3983	0.226417	-1.75913	0.078556	0.188901
DNAH17	16.0936	0.115907	0.530692	0.218407	0.827112	NA
TMEM220	121.6827	0.161479	0.301772	0.535101	0.59258	0.7233
TMEM256-	5.989862	-0.06492	0.834623	-0.07779	0.937999	NA
PALM3	2.471756	0.38649	1.294845	0.298484	0.765334	NA
CLEC17A	0.938845	-1.23445	2.063177	-0.59832	0.549624	NA
RINL	493.3368	0.140877	0.168275	0.837184	0.402489	0.566889
OR7D2	9.857115	-0.67816	0.657082	-1.03207	0.302039	NA
MEIS3P2	127.4285	0.409334	0.27922	1.465992	0.142651	0.283603
C19orf67	0.921281	-1.21902	2.226885	-0.54741	0.584096	NA
ZNF490	38.38958	-0.61968	0.345361	-1.79429	0.072766	NA
TMEM221	4.232021	0.604413	1.013648	0.596275	0.550991	NA
ZNF626	35.79495	0.662542	0.474669	1.395798	0.162775	NA
SMTNL2	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
DCUN1D3	181.6858	-0.0989	0.251545	-0.39315	0.694207	0.802988
ZNF793	1.79002	-0.62742	1.802477	-0.34809	0.727773	NA
OR7A5	6.370754	-0.27517	0.89021	-0.30911	0.757239	NA
ZNF383	99.18667	0.418707	0.242384	1.727449	0.084087	0.197553
C19orf35	0.411855	0.250456	3.097618	0.080854	0.935558	NA
ZNF559	160.9035	0.349602	0.249278	1.402458	0.160779	0.308346
SBK1	7.714043	0.176137	0.716814	0.245722	0.805897	NA
PRR19	46.3873	0.068415	0.360072	0.190005	0.849305	NA
C19orf54	304.9823	-0.57225	0.171589	-3.33503	8.53E-04	0.009397

NCCRP1	1056.992	-1.2198	0.610494	-1.99806	0.04571	0.130925
FAM83G	214.729	-0.37554	0.200573	-1.87231	0.061163	0.159466
NBR1	4996.027	0.14297	0.144572	0.988916	0.322704	0.490721
NPIPP1	64.68168	0.015569	0.332848	0.046775	0.962692	0.979674
CLN3	110.1478	-0.18074	0.237962	-0.75954	0.44753	0.607134
SUMO2	2039.075	0.222569	0.146793	1.516214	0.129465	0.265906
ZNF177	20.14523	0.080289	0.569485	0.140985	0.887882	NA
HILS1	66.21171	0.275492	0.287778	0.957308	0.338412	0.507254
SPRED3	7.635982	-0.57193	0.823844	-0.69422	0.487543	NA
SHISA6	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC00910	166.8081	-0.06436	0.255325	-0.25207	0.800987	0.880141
SLX4	360.8485	-0.75884	0.201899	-3.7585	1.71E-04	0.003521
ZNF563	41.26696	0.317871	0.385927	0.823655	0.410136	NA
FBF1	89.1926	-0.34564	0.311066	-1.11114	0.266509	0.431444
GPR179	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MSL1	2312.477	-0.00498	0.134068	-0.03713	0.970382	0.983911
	4.347647	-0.64483	1.092113	-0.59045	0.554891	NA
DHFRP1	4.750133	0.788689	0.983111	0.802238	0.422415	NA
SBSN	1.646997	-2.04733	2.063777	-0.99203	0.321182	NA
ZNF567	80.60938	0.594871	0.296429	2.006794	0.044772	0.129302
RNFT1	205.2386	0.523722	0.219443	2.386594	0.017005	0.067878
LITAF	5692.885	-0.28392	0.172191	-1.64887	0.099174	0.222084
SF3B3	4141.477	-0.52339	0.13012	-4.02239	5.76E-05	0.001791
SP6	0.571659	-3.00664	3.038724	-0.98944	0.322447	NA
ZNF573	40.5552	-0.15013	0.388944	-0.386	0.699499	NA
CRYM-AS1	11.06214	0.554588	0.709713	0.781425	0.434552	NA
HN1	2120.603	-0.34784	0.143111	-2.43058	0.015075	0.062268
ZNF527	63.36681	0.341442	0.295446	1.155683	0.247811	0.411341
RPS2P46	80.78632	-0.5918	0.301348	-1.96384	0.049548	0.137692
SPATA41	3.125213	-0.16906	1.131669	-0.14939	0.881246	NA
USP32P3	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
ZNF724P	17.9268	0.93616	0.661092	1.416081	0.156752	NA
ZNF699	43.20356	-0.05447	0.370756	-0.14691	0.8832	NA
C16orf93	22.6253	0.126428	0.456288	0.277079	0.781719	NA
KIAA0895L	397.6373	0.048019	0.197598	0.243016	0.807993	0.885317
PLEKHG4	306.7026	-0.50549	0.23256	-2.1736	0.029735	0.098467
KIF19	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZNF681	11.50453	1.427618	0.868075	1.64458	0.100056	NA
RYR1	35.58175	0.105225	0.405221	0.259674	0.795115	NA
SUPT5H	4757.338	-0.37852	0.134421	-2.81596	0.004863	0.028972
ZNF493	41.40127	0.352928	0.334235	1.055929	0.291	NA
ATP2A1	6.65476	0.740658	0.785532	0.942874	0.345745	NA
ZNF565	37.41542	0.698956	0.373767	1.870032	0.061479	NA
ELAVL3	0.476449	0.524262	3.402674	0.154073	0.877552	NA
LONP1	5187.17	-0.31934	0.139955	-2.28177	0.022503	0.081968
ZNF781	6.273071	0.571724	0.862172	0.663121	0.507253	NA
INCA1	34.77037	-0.13344	0.375298	-0.35556	0.72217	NA

ZNF774	20.60349	-0.14978	0.501281	-0.29879	0.765103	NA
NOXO1	6.6445	-0.34253	0.837808	-0.40884	0.682655	NA
PRTN3	0.327913	1.543154	4.021063	0.383768	0.701151	NA
NPIPB15	17.6568	1.006111	0.575431	1.748447	0.080387	NA
ZNF569	56.01445	0.857819	0.372204	2.304701	0.021183	0.078699
ZNF799	33.9852	1.113346	0.389269	2.860092	0.004235	NA
SIAH1	192.7673	0.292619	0.19147	1.528281	0.126443	0.261693
SULT1A1	3.103422	0.213398	1.342045	0.159009	0.873661	NA
MYO18A	3144.007	-0.6842	0.170997	-4.00123	6.30E-05	0.001896
C17orf59	737.3658	-0.1646	0.186467	-0.88275	0.377369	0.543904
MAN2A2	4347.887	-0.37344	0.279683	-1.33524	0.181799	0.334668
CACNA1H	0.661122	-3.06315	2.98049	-1.02773	0.304076	NA
ZNF846	89.91484	0.183619	0.250273	0.733674	0.463147	0.62097
TCF4	276.8897	0.192679	0.269448	0.715086	0.474556	0.629784
ZNF136	113.4602	0.494716	0.237893	2.079574	0.037565	0.115179
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ERI2	203.8134	0.64847	0.272841	2.376732	0.017467	0.069115
HSH2D	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
TRPV1	1.222745	-0.03123	1.954581	-0.01598	0.98725	NA
PDXDC2P	9.455456	0.670656	0.734431	0.913165	0.361156	NA
AMZ2	1898.179	-0.05956	0.133671	-0.44555	0.655919	0.772809
ZNF431	63.94692	0.902099	0.319152	2.82655	0.004705	0.028358
NF1	1770.906	0.159217	0.204128	0.779989	0.435398	0.596445
ZNF700	141.902	0.793842	0.25848	3.071197	0.002132	0.016837
	12.28946	-0.82779	0.644226	-1.28493	0.198816	NA
	0.574231	0.93227	2.49998	0.372911	0.709215	NA
ZNF585A	76.53701	0.516886	0.33458	1.544882	0.122375	0.25582
METTL9	6123.14	0.066136	0.155484	0.425356	0.670577	0.784225
ZNF429	70.70707	-0.20196	0.325201	-0.62104	0.53457	0.678152
SERTAD1	577.415	0.16858	0.213497	0.789614	0.429753	0.591241
ZNF100	50.61591	0.75054	0.486377	1.543125	0.1228	0.256483
ZNF441	70.94198	1.474345	0.480729	3.066891	0.002163	0.017036
SIGLEC15	1.39126	0.989136	1.681347	0.5883	0.556331	NA
ZNF420	118.0556	0.456285	0.240569	1.896692	0.057869	0.153117
ZNF763	10.72775	0.514603	0.710017	0.724776	0.468589	NA
MAFG	2271.287	-0.02502	0.145511	-0.17195	0.863479	0.91956
ZNF682	24.49149	0.751948	0.478166	1.572567	0.115819	NA
ZNF257	23.35526	0.530851	0.448118	1.184623	0.236167	NA
ZNF785	126.3297	-0.57469	0.263252	-2.18304	0.029033	0.096974
PSMD12	950.1281	0.492789	0.211163	2.333688	0.019612	0.074735
KANK2	8054.248	-0.57524	0.1833	-3.13824	0.0017	0.014569
IL27	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RAMP2-AS:	2.345178	1.027271	1.462557	0.70238	0.482442	NA
BLM	163.153	0.399927	0.263087	1.520133	0.128477	0.264779
ZNF720	164.9514	0.743079	0.327722	2.267406	0.023365	0.084066
ZNF833P	4.811198	0.33303	0.927731	0.358973	0.719615	NA
ZNF98	0.096202	0.408546	4.079639	0.100143	0.920231	NA

ZNF675	47.63168	0.990966	0.460012	2.154218	0.031223	0.101857
SHPK	149.1059	-0.16777	0.21237	-0.78998	0.429541	0.591086
C16orf47	8.278543	-0.21431	0.689525	-0.31081	0.755948	NA
SPN	0.533728	-1.74213	2.820432	-0.61768	0.536785	NA
RAB40C	457.9568	-0.31222	0.153702	-2.03133	0.042222	0.12501
PIGN	904.8822	0.17495	0.171158	1.02216	0.306705	0.473806
ZNF624	55.69186	0.467915	0.493059	0.949004	0.342619	0.510783
CCDC154	38.04706	0.145322	0.362123	0.401306	0.688195	NA
SERPINB2	26.38998	1.476851	0.583387	2.531512	0.011357	NA
ZNF433	57.45935	0.330082	0.294664	1.120199	0.262629	0.427029
TBC1D3	0.327913	1.543154	4.021063	0.383768	0.701151	NA
KLHL14	6.7713	1.075662	0.784998	1.370274	0.170601	NA
HSPB9	2.576503	-1.97666	1.500193	-1.3176	0.187637	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
CFD	6.306961	0.389523	0.921592	0.422663	0.672541	NA
EME2	238.0642	0.014036	0.21333	0.065797	0.94754	0.97088
ZNF780A	189.8376	0.587052	0.279713	2.098766	0.035837	0.111632
ZNF461	105.8763	0.32305	0.235436	1.372135	0.170021	0.320363
	11.99152	0.477138	0.623298	0.765506	0.443971	NA
ZNF181	107.6467	1.047534	0.315376	3.321541	8.95E-04	0.009708
ZNF44	84.27876	0.547727	0.279714	1.958171	0.05021	0.138945
ZNF790	75.82487	0.540969	0.281494	1.921775	0.054634	0.147202
MYO1C	13501.68	-0.42581	0.127764	-3.33278	8.60E-04	0.009421
SPG7	1659.187	-0.25096	0.146717	-1.71047	0.087179	0.202702
ZNF823	77.19918	0.692573	0.32915	2.104124	0.035368	0.110746
PLCG2	180.0878	-0.2038	0.20329	-1.00249	0.316105	0.483539
ZNF121	202.6146	0.654799	0.275752	2.374595	0.017568	0.069308
MBP	14604.2	-0.35235	0.171748	-2.05157	0.040211	0.120837
CCDC151	13.46421	-0.31382	0.564176	-0.55624	0.578049	NA
ZNF560	2.084378	-1.4482	1.518173	-0.95391	0.34013	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
ZBTB14	330.0921	0.436524	0.193776	2.25273	0.024276	0.086227
SNX29P2	2.137658	-3.78876	1.733952	-2.18504	0.028886	NA
	6.376974	0.590149	0.844253	0.699018	0.48454	NA
ZNF607	78.28973	0.021638	0.30393	0.071194	0.943243	0.968571
DDX42	2337.121	0.125834	0.158091	0.795961	0.426055	0.587965
RPL23A	4312.515	0.265396	0.196534	1.350382	0.176893	0.329058
UBL5	4559.732	0.139728	0.162711	0.858749	0.390479	0.555738
HELZ	1224.893	0.034218	0.163143	0.209739	0.833871	0.900487
MYL4	0.803131	-0.76693	2.349822	-0.32638	0.744138	NA
ZNF442	9.863829	0.602043	0.643304	0.935861	0.349345	NA
ASNA1	4473.361	-0.14871	0.160891	-0.92428	0.355342	0.523627
WWP2	1495.328	-0.57234	0.141615	-4.04153	5.31E-05	0.001711
MT1F	58.11559	0.022386	0.344787	0.064926	0.948233	0.971147
ZNF69	161.187	0.378636	0.205362	1.843752	0.065219	0.166489
ZNF568	137.9762	0.426246	0.252372	1.688958	0.091227	0.209796
NBR2	50.4681	-0.18197	0.333074	-0.54635	0.584826	0.717944

ZNF43	94.95523	0.384732	0.400791	0.959932	0.33709	0.505912
ZNF627	323.5522	0.108321	0.181512	0.596769	0.550662	0.691902
ZNF536	417.4583	-0.23749	0.201173	-1.18052	0.237794	0.400717
TAT	0.35636	1.709252	3.651833	0.468053	0.639746	NA
ANKRD13B	360.107	-0.3698	0.168251	-2.1979	0.027957	0.094666
C19orf45	0.327913	1.543154	4.021063	0.383768	0.701151	NA
MSRB1	799.4208	-0.13919	0.163556	-0.851	0.394767	0.559494
ZNF652	347.7235	-0.00673	0.234177	-0.02872	0.977087	0.987584
ZNF830	305.1799	0.522783	0.170313	3.06954	0.002144	0.01691
ZNF521	168.8817	-0.8116	0.275371	-2.94728	0.003206	0.0221
ZNF358	1640.089	-0.24635	0.226973	-1.08536	0.277764	0.443726
ARHGEF15	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
CES1	55.76336	0.635536	1.143245	0.555906	0.578275	0.712922
R3HDM4	1284.322	-0.20618	0.128141	-1.60902	0.107612	0.234081
RUNDC1	665.0092	-0.28341	0.167145	-1.69558	0.089966	0.207661
PRC1	2284.94	0.025186	0.245827	0.102453	0.918397	0.952713
MAP3K3	3757.623	-0.53363	0.137192	-3.88964	1.00E-04	0.002559
KIAA0753	307.1641	0.162351	0.176119	0.921824	0.35662	0.524272
APRT	2618.268	-0.14403	0.150958	-0.95414	0.340015	0.508371
TBKBP1	442.0744	-0.27285	0.154893	-1.76153	0.078148	0.188276
MIR324	1.373899	0.534052	2.128914	0.250857	0.801925	NA
MIR365B	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNORD104	33.39325	0.234187	0.396415	0.590762	0.55468	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNA5SP45	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNORD1B	4.013075	0.404453	0.991036	0.408111	0.683192	NA
RNU6-623P	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU4-58P	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RNU6-181P	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RNA5SP44(	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU6-97P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNORA38B	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNA5-8SP2	63.30495	0.012479	0.329776	0.03784	0.969815	0.983611
RN7SKP44	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-288P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.214074	2.321363	2.323069	0.999266	0.317666	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU1-60P	1.237926	1.940943	2.028448	0.956861	0.338637	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.558248	0.982076	2.804738	0.350149	0.726227	NA
	9.327467	-0.15949	0.69308	-0.23012	0.817996	NA
	0.937264	-1.23834	2.063944	-0.59999	0.548514	NA

OR1F2P	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
OXLD1	569.6384	-0.1129	0.150036	-0.75251	0.451744	0.610791
TNRC6C-AS	15.77342	0.064306	0.560718	0.114684	0.908695	NA
MRPL38	79.86152	-0.12259	0.300346	-0.40816	0.683159	0.79385
SMIM5	8.346302	0.080316	0.794352	0.101109	0.919464	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
CRHR1-IT1	119.7695	-0.38814	0.236668	-1.64004	0.100997	0.224425
TTC25	22.0921	0.306416	0.466608	0.656688	0.511381	NA
LRRC3C	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ZNF155	85.85491	0.222992	0.285445	0.781206	0.434681	0.595739
CD177	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
FBXO47	0.555087	0.973802	2.808575	0.346725	0.728798	NA
	9.28157	-0.07425	0.687651	-0.10798	0.914015	NA
SPIRE2	378.7447	-0.11627	0.19496	-0.59638	0.550922	0.692009
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	3.689279	0.108067	1.126196	0.095958	0.923554	NA
SLFN12L	1.268901	-0.96607	1.991761	-0.48503	0.627654	NA
	31.8265	-0.17993	0.408045	-0.44097	0.659237	NA
SYCE1L	19.11847	0.334084	0.46221	0.722797	0.469805	NA
TMEM231	227.7298	-0.50259	0.188157	-2.6711	0.00756	0.039258
SDHAF1	401.2434	-0.08872	0.178336	-0.49749	0.618844	0.743481
	1.406049	-0.26601	1.627656	-0.16343	0.870178	NA
PSENEN	376.1298	-0.07447	0.196058	-0.37986	0.704048	0.810103
SCGB2B2	2.414083	-0.03119	1.350453	-0.02309	0.981576	NA
PSMB10	518.6682	-0.28811	0.164493	-1.75149	0.079861	0.191148
RPSAP58	14.77933	-0.08879	0.530329	-0.16743	0.867033	NA
E2F4	1594.289	-0.05561	0.142859	-0.38927	0.697077	0.804815
NT5M	108.5885	-0.90043	0.257803	-3.49269	4.78E-04	0.006638
GPR56	16137.23	-1.0276	0.200263	-5.13124	2.88E-07	6.69E-05
MT1DP	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MT1A	9.773541	-0.32501	0.65462	-0.49649	0.619552	NA
MT1M	1.312853	-1.50193	1.923163	-0.78097	0.434822	NA
	3.307514	0.181502	1.246266	0.145636	0.884208	NA
CNEP1R1	440.9966	0.27292	0.169397	1.611126	0.107152	0.233595
RGL3	105.2815	0.13614	0.245877	0.553693	0.579789	0.713749
	30.62381	-0.24461	0.433548	-0.56421	0.572609	NA
TMEM256	253.3787	0.007451	0.197597	0.037707	0.969921	0.983611
EIF3CL	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
LCMT1	943.2055	-0.15079	0.159665	-0.94442	0.344954	0.512974
C17orf107	9.837432	0.443386	0.823385	0.538492	0.590238	NA
ITPRIPL2	1768.938	-0.02335	0.180508	-0.12933	0.897094	0.939771
DENND1C	12.17063	-0.66178	0.804321	-0.82278	0.410634	NA
	16.88463	-0.295	0.494175	-0.59696	0.550537	NA
	0.744715	-0.63075	2.564852	-0.24592	0.805743	NA
	2.024984	1.25763	1.59508	0.788443	0.430438	NA
	3.664471	0.443989	1.062389	0.417916	0.676009	NA
C16orf96	2.505857	-1.86969	1.465604	-1.27571	0.202058	NA

SRRM2-AS1	2.907285	-0.22405	1.221114	-0.18348	0.85442	NA
	1.693073	0.276824	1.517715	0.182395	0.855272	NA
RNPS1	1723.826	-0.37973	0.139314	-2.7257	0.006416	0.034941
DOK6	0.488912	0.771583	2.897678	0.266276	0.790026	NA
HN1L	3197.249	-0.15682	0.178001	-0.88098	0.378329	0.544645
	1.880172	1.059817	1.495568	0.708638	0.478549	NA
	2.128816	-0.06384	1.426692	-0.04475	0.964311	NA
HBA1	0.422534	1.924583	3.001758	0.641152	0.521424	NA
HBM	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TCEB3B	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
RAB12	753.8383	0.221033	0.140147	1.577146	0.114762	0.244299
TMEM200(	0.854757	0.736707	2.188665	0.336601	0.736418	NA
SNORD60	2.173877	1.254109	1.428055	0.878194	0.379839	NA
RNU6-945P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SNORA30	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SNORA50	0.975407	0.039022	2.314857	0.016857	0.98655	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-196P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU6-39P	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-128S	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-106S	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-100S	0.613357	2.486614	2.985155	0.832993	0.404848	NA
SNORD7	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	9.946209	0.058155	0.719013	0.080882	0.935536	NA
SNORA46	0.508056	0.731032	2.861912	0.255435	0.798387	NA
MIR635	120.6537	-0.41613	0.244924	-1.69902	0.089316	0.206563
MIR193A	1.645774	-1.39946	1.608559	-0.87001	0.384296	NA
MIR641	1.966803	-0.02513	1.585714	-0.01585	0.987354	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR199A1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR27A	1.717795	0.894528	1.576519	0.567407	0.570438	NA
MIR640	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR33B	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR152	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
MIR328	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR23A	2.164713	-0.53863	1.366844	-0.39407	0.69353	NA
SNORD105	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNORD41	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
RNU6ATAC	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR320C2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PRR22	32.40959	-0.4405	0.426484	-1.03285	0.301672	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNA5SP465	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA

SNORD91B	0.096202	0.408546	4.079639	0.100143	0.920231	NA
C17orf51	702.3763	-0.31079	0.164938	-1.88427	0.059528	0.156476
KRTAP2-3	1.763631	-4.79E-04	1.512262	-3.17E-04	0.999747	NA
C17orf100	0.162376	0.424913	4.079006	0.104171	0.917034	NA
KRTAP3-2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FAM106A	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
ZNF254	79.42482	1.006538	0.505892	1.989631	0.046632	0.132793
RPL32P31	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
RPL36AP48	0.324752	1.53082	4.022025	0.380609	0.703493	NA
RPL12P38	1.724412	-1.02404	1.531319	-0.66873	0.503667	NA
SUPT4H1	1629.91	0.004408	0.14174	0.031102	0.975188	0.986377
	1.157911	0.522058	2.032481	0.256858	0.797289	NA
PGK1P2	1.943129	1.068393	1.509387	0.707832	0.479049	NA
	1.529502	-1.07961	1.722295	-0.62685	0.53076	NA
	0.709944	0.232855	2.332364	0.099837	0.920474	NA
	1.270335	0.030019	1.726924	0.017383	0.986131	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
RPS7P11	4.164605	0.457383	1.07088	0.427109	0.6693	NA
QTRT1	658.0981	-0.17031	0.153644	-1.10845	0.267667	0.432663
COG8	511.4913	-0.47339	0.151792	-3.11864	0.001817	0.015146
LCAT	75.07554	0.014904	0.258339	0.05769	0.953995	0.974786
KRT222	2.064018	0.206892	1.466235	0.141104	0.887788	NA
TTLL13	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ADAT3	231.0565	-0.20552	0.232977	-0.88217	0.377686	0.544108
LAT	0.163957	0.424913	4.079006	0.104171	0.917034	NA
EMP2	921.9207	-0.14749	0.208176	-0.70848	0.478649	0.633256
KCTD11	279.2475	-0.24202	0.184607	-1.31102	0.189852	0.34409
LIPE-AS1	13.17637	-0.37639	0.582986	-0.64563	0.518519	NA
DNASE1	258.7354	-0.02141	0.220098	-0.09728	0.922503	0.95505
	0.690946	-1.56103	2.699004	-0.57837	0.563013	NA
	4.331672	-0.04699	0.989526	-0.04749	0.962122	NA
NUDT19	420.8049	-0.19875	0.171769	-1.1571	0.247232	0.410746
ZNF726	29.67853	-0.07699	0.499644	-0.15409	0.877542	NA
	31.39552	-0.18663	0.3926	-0.47536	0.634532	NA
	5.389001	2.126793	0.99418	2.139244	0.032416	NA
TAX1BP3	606.1178	-0.13283	0.205458	-0.6465	0.517957	0.665047
	7.093517	0.741193	0.781445	0.948491	0.34288	NA
ZNF90	24.76349	0.52561	0.49313	1.065866	0.286484	NA
TM6SF2	7.17186	-0.57849	0.828351	-0.69837	0.484947	NA
MEF2B	1.424835	-0.73179	1.663339	-0.43995	0.659972	NA
SMIM7	1030.44	-0.09057	0.153061	-0.59175	0.554019	0.69428
ARL16	819.5969	0.212463	0.172115	1.234427	0.217044	0.376453
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
PRCD	196.5916	-0.28343	0.230369	-1.23034	0.218569	0.378116
AMZ2P1	251.5978	0.299919	0.195658	1.532876	0.125306	0.260204

PLEKHM1P	120.6409	0.362395	0.284136	1.275427	0.202158	0.358669
ZNF788	1.372261	0.301516	1.751077	0.172189	0.863289	NA
C19orf38	4.788056	0.102852	0.900699	0.114192	0.909086	NA
HNRNPA1P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
C17orf67	71.61464	0.282603	0.285493	0.989877	0.322234	0.490321
	3.802894	-0.01117	1.257688	-0.00888	0.992913	NA
	3.354296	-0.93218	1.156844	-0.8058	0.42036	NA
	28.19209	-0.05207	0.408269	-0.12753	0.898524	NA
OR4F13P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
VAC14-AS1	3.640004	-0.59395	1.192152	-0.49822	0.618332	NA
KANSL1-AS	11.60049	-0.08246	0.630613	-0.13075	0.895969	NA
FAM149B1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
LRRC37A4F	43.64164	0.247313	0.33464	0.739042	0.459881	NA
	2.913288	1.087029	1.211981	0.896902	0.369771	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
PLIN5	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
KRT42P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
C17orf98	1.926154	-0.37773	1.398683	-0.27006	0.787112	NA
HMGN2P15	0.749217	0.7397	2.633289	0.280903	0.778784	NA
	5.470759	-0.8813	0.8618	-1.02263	0.306484	NA
	164.5331	-0.12647	0.218159	-0.57969	0.562121	0.700081
CDIPT-AS1	19.39623	0.199519	0.493724	0.40411	0.686132	NA
CDRT15L2	0.258578	1.233151	4.047809	0.304646	0.760635	NA
UPF3AP2	1.077932	-0.48016	2.057314	-0.23339	0.815457	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZSWIM7	760.6361	0.014029	0.148943	0.094192	0.924957	0.957339
RPL15P20	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL13P12	1814.293	0.108864	0.147586	0.737632	0.460738	0.618859
NEURL4	316.5737	-0.42119	0.189633	-2.22105	0.026347	0.091117
	61.57278	0.06	0.28733	0.208819	0.834589	0.901016
C16orf90	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PRSS41	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	67.37649	-0.01658	0.292856	-0.05661	0.954857	0.975091
ZNF407	318.9104	0.064236	0.216197	0.297117	0.766377	0.854855
HNRNPA1P	1.387253	-1.71455	1.84915	-0.92721	0.353817	NA
	31.5921	-0.3006	0.387067	-0.7766	0.437395	NA
	4.059361	0.254981	1.06889	0.238548	0.811456	NA
IFI30	0.192403	0.975392	4.060716	0.240202	0.810174	NA
CKLF	165.8811	0.391681	0.215787	1.815128	0.069504	0.173679
PAM16	27.03644	-0.47488	0.424746	-1.11804	0.26355	NA
RPS3AP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNASEK	21.91499	-0.50737	0.470185	-1.07908	0.280552	NA
RPS20P2	2.201586	0.98381	1.629419	0.603779	0.54599	NA
	148.8911	0.798841	0.204352	3.909139	9.26E-05	0.002414
	17.92191	-0.65283	0.570746	-1.14382	0.2527	NA

	0.612162	-0.19706	2.47693	-0.07956	0.936588	NA
ZGLP1	4.674555	0.118404	0.931054	0.127172	0.898805	NA
VAMP2	961.3332	-0.36839	0.141383	-2.60566	0.00917	0.044534
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
RPL21P119	0.804363	1.537223	2.514087	0.611444	0.540906	NA
	1.020857	0.19325	2.085078	0.092682	0.926156	NA
	1.053841	0.997099	2.078418	0.479739	0.631413	NA
	1.777406	2.716315	1.959292	1.386376	0.165632	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MIR1227	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MIR320C1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR1180	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
C16orf3	3.528961	0.37363	1.062702	0.351585	0.72515	NA
PSG3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
KRTAP1-5	0.741166	2.78101	2.851312	0.975344	0.32939	NA
HMSD	13.97156	0.548128	0.575418	0.952574	0.340806	NA
TRIM16	295.4213	-0.44972	0.199494	-2.2543	0.024178	0.085996
FXYD7	3.627691	-0.3067	1.030789	-0.29754	0.766052	NA
UBA52	15308.7	-0.06	0.149173	-0.40221	0.687532	0.796745
TIAF1	42.51629	-0.77886	0.337831	-2.30547	0.02114	NA
URAHP	25.06378	-0.52271	0.485182	-1.07734	0.281327	NA
RNU4-30P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR1910	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU4-47P	1.045726	0.338916	1.94625	0.174138	0.861757	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
RNU6-981F	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNA5SP45(	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SNORD71	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-195F	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
EXOSC6	345.5734	-0.46676	0.173463	-2.69085	0.007127	0.037572
CDRT15	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF844	88.3196	-0.3568	0.308869	-1.15518	0.248018	0.411627
TINCR	115.0135	0.438408	0.435737	1.006129	0.314354	0.48173
CERS1	475.4029	-0.27804	0.254698	-1.09163	0.274997	0.440659
	1.221725	-0.08735	1.955093	-0.04468	0.964363	NA
AFG3L1P	228.3841	0.336158	0.202913	1.656659	0.097588	0.219455
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	22.23102	-0.56895	0.455801	-1.24823	0.211945	NA
UBE2SP2	1.079513	-0.47694	2.056893	-0.23187	0.816636	NA
	2.613035	1.637854	1.511179	1.083825	0.278442	NA
OACYLP	3.495928	0.768956	1.122683	0.684927	0.49339	NA
C17orf72	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
	1.568425	0.022422	1.54585	0.014505	0.988427	NA
ATXN1L	1535.807	-0.36052	0.159051	-2.26669	0.023409	0.084142
	0.918331	0.764804	2.118268	0.361052	0.718061	NA

SNRPGP15	33.6911	-0.1902	0.480006	-0.39624	0.691928	NA
HNRNPA1P	42.94844	-0.01211	0.345923	-0.03501	0.972071	NA
	17.11241	0.345689	0.633595	0.5456	0.585341	NA
	25.78285	-0.13562	0.440209	-0.30808	0.758018	NA
C17orf89	1259.42	0.03503	0.161201	0.217304	0.827972	0.896239
	4.454002	-0.12176	0.95338	-0.12771	0.898376	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL23AP2	2.455191	3.407096	1.621984	2.100573	0.035678	NA
RPSAP56	1.407243	0.957292	1.678143	0.570447	0.568374	NA
AATK-AS1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
PLEKHM1	1134.755	-0.4177	0.161416	-2.58773	0.009661	0.046071
WASH5P	1.167745	-2.70405	2.12796	-1.27072	0.203828	NA
MPRIP-AS1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
ARHGAP23	696.3463	-0.30173	0.245873	-1.22718	0.219756	0.379436
ZNF469	3.128677	-0.4151	1.135073	-0.3657	0.714586	NA
FAM195B	487.905	-0.24853	0.186695	-1.33119	0.183127	0.336255
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	3.457019	1.088867	1.230579	0.884842	0.376242	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	14.4027	0.231327	0.553327	0.418065	0.675899	NA
TLK2P1	4.784329	-0.14117	1.031973	-0.1368	0.891188	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
BAIAP2-AS1	1328.274	-0.41951	0.16519	-2.53956	0.011099	0.050462
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RPL23AP76	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.09529	-3.29418	1.435157	-2.29535	0.021713	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	1.598249	0.567223	1.588614	0.357055	0.72105	NA
UPF3AP1	1.282595	0.709442	1.711365	0.414547	0.678473	NA
UPK1A-AS1	12.33722	0.071377	0.60198	0.11857	0.905616	NA
SCDP1	4.589687	0.322806	0.987378	0.326932	0.743719	NA
	2.520955	-0.55493	1.273981	-0.43559	0.663137	NA
HSBP1L1	372.8444	0.216373	0.197988	1.092861	0.274455	0.4401
SMCR5	0.450981	2.057325	3.353149	0.61355	0.539513	NA
SRRM5	4.78832	0.16687	0.951875	0.175307	0.860839	NA
CACTIN-AS1	2.728147	-0.99709	1.187266	-0.83982	0.401011	NA
ABHD17AP	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
IL6STP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00511	1599.368	-0.32898	0.146132	-2.25129	0.024367	0.086453
	0.776119	0.401378	2.295521	0.174853	0.861196	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
HPN-AS1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	2.54546	-0.69669	1.360464	-0.51209	0.608585	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
SCAMP4	1503.304	-0.6307	0.133592	-4.72107	2.35E-06	2.67E-04

	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SPAG5-AS1	3.075097	-1.675	1.4379	-1.16489	0.244064	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	7.451333	-0.22594	0.787597	-0.28687	0.774212	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RPL7P47	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	2.363835	-0.30712	1.425613	-0.21543	0.829432	NA
	0.588072	2.39955	3.098804	0.774347	0.438726	NA
CASP16	3.242371	-1.28545	1.371672	-0.93714	0.348686	NA
	4.488975	-0.43695	0.928976	-0.47035	0.638102	NA
	2.827075	0.581194	1.244514	0.467004	0.640497	NA
ATF4P3	0.846852	1.76834	2.426477	0.728769	0.466143	NA
C19orf24	333.6383	0.066372	0.184674	0.359401	0.719295	0.821112
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
CES1P1	5.986285	0.82383	0.860169	0.957754	0.338187	NA
ARL17B	4.906548	-0.28261	1.036403	-0.27268	0.785099	NA
MTND2P12	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
	0.452561	2.061505	3.349456	0.615474	0.538241	NA
MRPL45P2	71.42061	0.177408	0.276818	0.640883	0.521599	0.668276
	0.900913	-0.26014	2.222223	-0.11706	0.90681	NA
EEF1DP1	1.921421	0.960699	1.530318	0.627777	0.53015	NA
	0.47961	0.535796	3.39605	0.15777	0.874638	NA
	138.6033	-0.21681	0.233654	-0.92791	0.353454	0.521597
THEMIS3P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PRAC2	20.30031	0.014766	0.477743	0.030907	0.975343	NA
ZNF492	6.136394	0.805709	0.97565	0.825817	0.408908	NA
ZNF688	663.9068	-0.33572	0.165518	-2.02829	0.04253	0.125476
PET100	157.6711	0.436046	0.219435	1.98713	0.046908	0.133248
	1.50225	-0.05913	1.577722	-0.03748	0.970105	NA
RPL7P46	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	6.201264	0.205707	0.832268	0.247164	0.804781	NA
	1.075752	0.450053	2.098769	0.214437	0.830206	NA
TOB1-AS1	15.18391	0.182191	0.548627	0.332085	0.739825	NA
CISD3	1601.492	-0.05818	0.166571	-0.34927	0.72689	0.82669
HOXB-AS1	3.241311	1.016377	1.202619	0.845136	0.398035	NA
ATP6V0CP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
HERC2P4	1.620759	-0.39583	1.782798	-0.22203	0.824291	NA
	2.02629	0.206442	1.452317	0.142147	0.886964	NA
HMGN2P3	0.792452	-2.15617	2.562821	-0.84133	0.400166	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TNPO1P2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.514445	-1.85382	1.951264	-0.95006	0.34208	NA

	0.832809	1.636407	2.200093	0.74379	0.457004	NA
RPS18P12	5.951147	1.080792	0.858301	1.259222	0.20795	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
HSBP1	5700.967	0.286798	0.174452	1.644001	0.100176	0.223272
C17orf105	1.789506	-1.22275	1.690248	-0.72342	0.469423	NA
WASIR2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNASEH1P1	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
CEACAMP5	0.599903	-1.73313	2.730982	-0.63462	0.525678	NA
	4.956957	0.055715	0.950028	0.058646	0.953234	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
DBIL5P	5.445936	-1.0604	0.922993	-1.14887	0.250609	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MTRNR2L4	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
FAM215B	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	5.752771	-0.97316	0.892867	-1.08993	0.275744	NA
	19.70551	-0.36327	0.516162	-0.70379	0.481563	NA
RPL21P131	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SLC16A6P1	0.652869	1.292592	2.374873	0.544278	0.58625	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC00665	229.6013	-0.3057	0.192537	-1.58775	0.112343	0.24088
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
LYRM9	112.5823	-0.20119	0.229535	-0.87653	0.380743	0.546883
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	28.97437	0.610332	0.430811	1.416704	0.15657	NA
	14.66444	1.735916	0.700383	2.478523	0.013193	NA
HOXB-AS3	25.94034	1.261716	0.429897	2.934924	0.003336	NA
	0.640609	0.042838	2.379511	0.018003	0.985637	NA
	102.2461	-0.11865	0.27311	-0.43444	0.663971	0.779344
NPIPB7	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNRPEP4	2.611201	0.774644	1.313868	0.58959	0.555465	NA
USP32P2	1.977505	-0.69819	1.634598	-0.42714	0.669281	NA
RPS2P48	0.825079	-2.06702	2.533819	-0.81577	0.41463	NA
	2.934545	0.091001	1.323007	0.068784	0.945162	NA
	39.06095	-0.16635	0.349274	-0.47627	0.633884	NA
DDX11L10	0.324752	1.53082	4.022025	0.380609	0.703493	NA
CYP2T2P	16.42522	0.012457	0.49639	0.025095	0.979979	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPS28	8297.119	0.006865	0.154758	0.04436	0.964617	0.980626
UBE2SP1	14.93936	-0.45626	0.530999	-0.85924	0.390206	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
RPL9P2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	39.42814	0.268033	0.361249	0.741961	0.458111	NA
	3.880348	0.058672	1.088936	0.05388	0.95703	NA
PINLYP	349.1832	0.065096	0.171587	0.379377	0.704408	0.81036
	40.91765	-0.12744	0.340593	-0.37416	0.708283	NA
	8.504856	-0.22528	0.840167	-0.26814	0.788591	NA
	1.007794	1.520243	2.181859	0.696765	0.48595	NA

WASH4P	8.298218	-0.26121	0.746407	-0.34995	0.726375	NA
	3.577379	1.130377	1.209498	0.934583	0.350003	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SOX9-AS1	3.968168	0.004427	1.145687	0.003864	0.996917	NA
LINC00338	50.53457	0.265847	0.335305	0.792851	0.427865	0.589669
TBC1D3C	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
HMGN1P3(	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
FAUP1	5.010108	0.061041	0.956789	0.063798	0.949131	NA
	1.185016	-0.03538	1.879555	-0.01882	0.984982	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
RPL6P27	9.155305	0.439546	0.691931	0.635246	0.525268	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	18.05252	0.369964	0.500168	0.73968	0.459494	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
	1.082288	1.087249	1.993006	0.545532	0.585387	NA
COX10-AS1	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	53.75441	0.304944	0.355891	0.856847	0.391529	0.556781
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.658173	-0.01016	2.630582	-0.00386	0.996919	NA
	1.143508	0.584377	2.035365	0.287112	0.774027	NA
LINC00854	4.372138	-0.9656	0.995469	-0.97	0.332049	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PITPNA-AS1	33.7982	0.193527	0.384318	0.50356	0.614571	NA
	15.20595	0.143856	0.572519	0.251268	0.801607	NA
	46.46249	-0.03809	0.31959	-0.11917	0.90514	NA
CYP2F2P	8.752894	-0.57446	0.731509	-0.7853	0.432275	NA
B3GNT9	123.6051	-0.08665	0.25539	-0.33928	0.734399	0.832129
RSL24D1P8	0.326536	0.037056	3.842554	0.009644	0.992306	NA
SMG1P1	0.914404	3.02753	2.381561	1.271238	0.203644	NA
RAI1-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL21P121	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZNF737	44.4063	0.311296	0.430064	0.723836	0.469167	NA
SHISA9	1.526587	1.88588	1.829401	1.030873	0.3026	NA
PYY2	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	1.726838	1.578405	1.632716	0.966736	0.333676	NA
LINC00674	120.4796	-0.10845	0.242158	-0.44784	0.654271	0.771702
	7.310894	-1.62588	0.788438	-2.06215	0.039193	NA
LRRC37A2	14.09357	0.186254	0.541418	0.344012	0.730837	NA
ABCA17P	1.237982	1.502941	1.913566	0.785414	0.432211	NA
GABARAPL1	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	1.245013	-0.14306	1.979798	-0.07226	0.942396	NA
RNU7-140P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU7-186P	0.586491	2.39072	2.689057	0.889055	0.373973	NA

SNORD42B	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU7-134P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.519603	-1.40785	1.668985	-0.84353	0.39893	NA
MIR1972-1	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNORD124	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.853379	-0.00837	2.414748	-0.00347	0.997234	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU7-125P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	1.686391	0.414168	1.73616	0.238554	0.811451	NA
RPL34P31	0.943799	-0.10552	2.406177	-0.04385	0.965022	NA
	1.86508	-0.62073	1.426117	-0.43526	0.663374	NA
	1.278872	1.519834	1.931715	0.78678	0.431411	NA
ALKBH6	40.39009	0.039153	0.329966	0.118658	0.905547	NA
RPL17P42	0.518736	2.237423	2.7713	0.807355	0.419462	NA
RPL32P34	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HOXB-AS2	2.594269	2.102981	1.401351	1.500682	0.133438	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
NME1	1412.303	0.077074	0.172432	0.446983	0.654888	0.772199
TNFSF12	1260.804	-0.17912	0.199931	-0.89589	0.370311	0.537139
CDRT4	1.073823	2.138376	2.047615	1.044325	0.296335	NA
	0.963578	1.864506	2.778761	0.670985	0.50223	NA
	1.104199	0.511516	2.339905	0.218605	0.826957	NA
	0.643384	2.576138	2.977667	0.865153	0.386955	NA
RPS4XP22	1.684697	-0.06999	1.739411	-0.04024	0.967905	NA
RPL23AP72	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL608P	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
RN7SL792P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL606P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL368P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL9P30	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
RN7SL146P	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
RPS27P29	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
RPL12P37	0.452561	2.061505	3.349456	0.615474	0.538241	NA
TCAM1P	1.530429	-1.87841	1.918298	-0.97921	0.327478	NA
	0.533728	-1.74213	2.820432	-0.61768	0.536785	NA
	1.25178	-2.04774	1.94381	-1.05346	0.292128	NA
	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
RPS12P27	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
FOXO3B	32.04818	-0.07709	0.37261	-0.20689	0.836097	NA

RPL29P2	1.401868	-0.28042	2.112032	-0.13277	0.894375	NA
RPL7AP10	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
RPL21P123	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	6.247731	0.356774	0.862949	0.413436	0.679287	NA
	0.638825	1.117948	3.106359	0.35989	0.718929	NA
	0.624422	1.162588	2.733761	0.425271	0.670639	NA
UBA52P8	2.011501	1.112925	1.476593	0.753711	0.451023	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL21P4	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	3.054655	-0.00752	1.133328	-0.00664	0.994703	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RPL21P122	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
RN7SL39P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CDRT1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RPL35AP33	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPL39P38	0.629726	-0.22725	2.732935	-0.08315	0.93373	NA
RPL7P5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL316P	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL129P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RPS4XP19	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS3AP49	2.578645	2.040025	1.364441	1.495136	0.134879	NA
RPL9P28	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
RPL9P32	0.556667	0.972496	2.522454	0.385536	0.699841	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
ARHGDIG	1.945904	2.844225	1.832967	1.551705	0.120733	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS12P31	0.775733	2.817284	2.75909	1.021092	0.307211	NA
RN7SL800P	0.327913	1.543154	4.021063	0.383768	0.701151	NA
DECR2	351.2577	-0.14683	0.180336	-0.81419	0.415536	0.578766
	9.134901	-0.06429	0.65846	-0.09764	0.922218	NA
RPL21P129	0.327913	1.543154	4.021063	0.383768	0.701151	NA
RN7SL862P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RPS27AP1	0.49187	2.136088	3.895953	0.548284	0.583497	NA
ZNF709	0.74749	1.546424	2.516383	0.614543	0.538857	NA
RN7SL449P	0.410275	0.244283	3.100889	0.078778	0.937209	NA
RPL31P58	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS3P7	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
RPS10P28	1.129464	0.412965	1.930323	0.213936	0.830597	NA
RPL31P61	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL775P	0.776119	0.401378	2.295521	0.174853	0.861196	NA
	0.487129	2.123445	3.910539	0.543006	0.587126	NA
RPS18P13	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
RPL32P33	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NME1-NME	36.10042	-0.00968	0.381731	-0.02537	0.979759	NA
	0.628146	-0.21495	3.102079	-0.06929	0.944756	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

NPIPB5	39.21969	0.472103	0.395423	1.19392	0.232509	NA
RN7SL844P	0.976776	-2.39789	2.178705	-1.1006	0.271069	NA
	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
RPS24P17	0.410275	0.244283	3.100889	0.078778	0.937209	NA
RPS27P27	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TMEM199	372.8348	-0.07904	0.177753	-0.44464	0.656578	0.773346
RPS20P35	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPS4XP17	1.007794	1.520243	2.181859	0.696765	0.48595	NA
P2RY11	50.61718	-0.51844	0.330572	-1.56832	0.116808	0.247228
	2.038753	0.289574	1.442866	0.200694	0.840938	NA
RPL26P35	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPS2P45	0.871089	-1.46164	2.262872	-0.64592	0.518329	NA
RPL18P13	2.69007	-0.26589	1.24433	-0.21368	0.830797	NA
RPL21P120	1.935464	1.025732	1.42996	0.717315	0.47318	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	1.2271	1.384124	1.759418	0.786694	0.431461	NA
	1.091976	-0.2898	1.942755	-0.14917	0.881418	NA
	3.864539	0.56212	1.014242	0.554227	0.579424	NA
ZNF585B	81.23346	0.152337	0.324527	0.469414	0.638774	0.759385
CRNDE	275.9735	0.396798	0.20889	1.899556	0.057491	0.152304
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
CEBPA	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA
	2.247322	0.060802	1.454546	0.041802	0.966657	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	3.015411	-0.74847	1.207536	-0.61983	0.535368	NA
	110.5236	-0.83295	0.320212	-2.60125	0.009289	0.04489
	5.589993	0.617629	0.916919	0.673592	0.500571	NA
LINC00920	203.6178	0.465778	0.218551	2.131203	0.033072	0.105994
	0.748867	2.740193	2.468928	1.109871	0.267054	NA
	136.7735	-0.416	0.20799	-2.00012	0.045487	0.13062
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.712719	2.707521	2.836859	0.954408	0.339877	NA
	7.597451	-0.43649	0.754706	-0.57836	0.563023	NA
NR2F2-AS1	54.11087	0.27186	0.327899	0.829095	0.407051	0.570737
	1.579453	-0.56402	1.503609	-0.37511	0.707578	NA
BCKDHA	66.83338	-0.54582	0.332287	-1.64261	0.100464	0.223642
SMURF2P1	35.65904	-0.10079	0.368575	-0.27344	0.784511	NA
RRN3P1	25.15024	0.453101	0.428543	1.057307	0.290371	NA
SUMO2P17	1.693073	0.276824	1.517715	0.182395	0.855272	NA
	3.755377	1.537176	1.195151	1.286177	0.198381	NA
	3.035693	-0.36101	1.109794	-0.32529	0.744961	NA
FAM138E	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
HAUS5	333.3714	-0.58025	0.204374	-2.83917	0.004523	0.027525
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
CASC16	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

ZNF286B	29.75467	0.370624	0.406667	0.911368	0.362102	NA
ZNF564	1.778392	0.325778	1.507564	0.216096	0.828913	NA
	8.859647	0.906469	0.712261	1.272665	0.203137	NA
CCDC79	0.883	1.784395	2.188528	0.81534	0.414878	NA
RPS4XP20	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
YJEFN3	5.951756	0.651991	0.827487	0.787917	0.430745	NA
CACNA1G-A	0.490493	0.776209	2.895261	0.268096	0.788625	NA
PKD1P6	110.5913	-0.27086	0.33626	-0.80551	0.420527	0.583218
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.873901	0.695147	2.212014	0.31426	0.753324	NA
LRRC37BP1	2.038339	-0.21984	1.344596	-0.1635	0.870123	NA
CDK3	0.659753	-0.00581	2.629089	-0.00221	0.998237	NA
	11.31807	0.488799	0.641446	0.762027	0.446044	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PGAM1P12	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GAPDHP66	1.266372	2.02221	2.026982	0.997646	0.318451	NA
	1.51427	1.23776	1.732335	0.714504	0.474915	NA
	0.877625	-0.2954	2.206963	-0.13385	0.893522	NA
LINC00923	2.008726	0.218933	1.399242	0.156465	0.875666	NA
ZNF345	48.74145	0.842809	0.32809	2.568833	0.010204	0.047814
	4.184733	0.463208	1.036206	0.447023	0.654858	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.916815	-0.52082	1.457929	-0.35723	0.720917	NA
PTX4	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RNU6-322P	1.042804	-0.41495	2.072413	-0.20022	0.841305	NA
RNU7-71P	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RNU2-69P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SCARNA17	2.713302	-0.48302	1.228329	-0.39323	0.69415	NA
RNU2-27P	2.21112	-0.5549	1.752187	-0.31669	0.751479	NA
RNU6-1262	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.614937	2.493639	2.617677	0.952615	0.340785	NA
	0.490493	0.776209	2.895261	0.268096	0.788625	NA
RNU1-103P	0.74749	1.546424	2.516383	0.614543	0.538857	NA
	0.591998	-0.2499	3.117006	-0.08017	0.936101	NA
RNU6-1002	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU6-638P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNA5SP434	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-1153	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SCARNA20	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RNU7-117P	0.392711	0.292538	3.145221	0.09301	0.925895	NA
RNU6-807P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SCARNA21	0.815391	0.931626	2.360431	0.394685	0.693076	NA
RN7SKP23	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

RNU6-1223	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-993P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-1057	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-840P	1.003293	0.228546	2.091683	0.109264	0.912993	NA
	1.104032	1.152394	2.115117	0.544837	0.585866	NA
	0.815245	1.670886	2.214146	0.754641	0.450464	NA
	0.967088	-0.05827	2.035183	-0.02863	0.977158	NA
	0.898984	1.748354	2.20932	0.791354	0.428737	NA
HMGN1P38	3.093907	-0.15646	1.157911	-0.13512	0.892518	NA
ZNF260	218.2159	0.870179	0.395867	2.19816	0.027938	0.094656
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NPIPB11	4.98643	0.008113	1.017479	0.007974	0.993638	NA
	1.347707	-4.22129	2.39527	-1.76234	0.078011	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
PKD1P5	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
NPIPA2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MPV17L2	767.1049	-0.11748	0.210679	-0.55762	0.577102	0.711993
	0.749273	0.569822	2.889797	0.197184	0.843683	NA
MEF2BNB	329.0013	0.017127	0.164838	0.103899	0.91725	0.952022
HMGB1P24	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
CHMP1B	3055.972	0.236398	0.149012	1.586431	0.112642	0.241224
	1.228827	0.64505	2.019407	0.319426	0.749404	NA
SNHG9	28.03361	0.113932	0.405035	0.281288	0.77849	NA
ABCC6P2	0.384806	1.846216	3.999752	0.461582	0.644381	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CYP2A6	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.606787	-3.06078	3.567758	-0.8579	0.390947	NA
LINC01152	8.518145	-0.52735	0.704477	-0.74856	0.45412	NA
	0.715249	-0.95037	2.624937	-0.36205	0.717313	NA
ZNF486	77.91851	0.448998	0.375408	1.196027	0.231686	0.394009
	2.967758	1.893378	1.575191	1.201999	0.229364	NA
	13.76889	-0.36894	0.563247	-0.65502	0.512452	NA
SALL3	147.0157	-0.40038	0.303949	-1.31726	0.18775	0.341836
POLG2	150.885	0.214708	0.197511	1.08707	0.277006	0.442933
CYP2B7P	1.064724	1.125776	1.854789	0.606957	0.54388	NA
	2.664902	0.147767	1.34749	0.109661	0.912678	NA
MTRNR2L1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
LINC00273	3.500661	0.016287	1.103296	0.014762	0.988222	NA
SDCCAG3P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ZNF253	62.93087	0.303998	0.389531	0.78042	0.435143	0.596166
CAPNS2	4.231781	0.816898	1.02846	0.794292	0.427025	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HP	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL29P33	0.327913	1.543154	4.021063	0.383768	0.701151	NA
LSM14A	1573.966	0.408094	0.165316	2.468575	0.013565	0.057932
NHLRC4	68.40061	-0.5543	0.293934	-1.8858	0.059321	0.155967

RRN3P3	105.8982	0.405681	0.318859	1.272287	0.203271	0.359796
MIR10A	1.495512	-0.17463	1.558026	-0.11208	0.910756	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR3179-1	0.881915	-2.2305	2.871853	-0.77668	0.437349	NA
ZNF271	870.1736	0.584303	0.193128	3.025466	0.002483	0.018709
MIR3180-4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
ZNF878	4.474129	-0.12922	0.917483	-0.14085	0.887992	NA
NPIPB1P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF625	3.727383	-0.45558	1.415775	-0.32179	0.747614	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
TEN1	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
P2RX5-TAX	20.45085	-0.21454	0.482757	-0.44441	0.656745	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
C17orf49	2.29519	0.624482	1.540198	0.405456	0.685142	NA
MIR3180-1	0.574231	0.93227	2.49998	0.372911	0.709215	NA
	8.008484	-0.22621	0.724357	-0.31229	0.754822	NA
PDF	281.4919	-0.33342	0.187492	-1.77833	0.07535	0.183424
	9.603648	-0.57616	0.654052	-0.88091	0.378367	NA
	0.460669	-0.62593	3.398671	-0.18417	0.853882	NA
ASB9P1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PRC1-AS1	2.233846	-0.11844	1.400399	-0.08457	0.932599	NA
ENO1P2	1.173388	1.426393	2.178451	0.654774	0.512613	NA
	2.046804	-0.69781	1.34901	-0.51728	0.604962	NA
	0.651435	0.249629	2.788679	0.089515	0.928672	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MC1R	46.86515	-0.2172	0.365173	-0.59479	0.551983	NA
CEP95	187.0985	0.927965	0.296289	3.131964	0.001736	0.01475
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
NPM1P5	1.274691	1.421878	1.902542	0.747357	0.454848	NA
	210.8488	-0.4397	0.258649	-1.7	0.089131	0.206216
	0.720624	1.435938	2.334155	0.615185	0.538432	NA
	1.679661	1.962788	1.612764	1.217034	0.223591	NA
SMIM6	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	2.125295	0.031146	1.347263	0.023118	0.981556	NA
	0.777314	2.821035	2.404647	1.17316	0.240732	NA
PRKXP1	9.061775	0.124644	0.74158	0.168079	0.866521	NA
ITGB3	2759.433	-0.22479	0.211283	-1.06391	0.287369	0.453569
	0.792452	-2.15617	2.562821	-0.84133	0.400166	NA

	5.257995	0.134226	1.073174	0.125074	0.900465	NA
SLC35G6	1.208102	0.723565	1.850162	0.391082	0.695737	NA
HNRNPA1P	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.508056	0.731032	2.861912	0.255435	0.798387	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
NDUFA3P4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
	0.681315	1.40954	2.618083	0.538386	0.59031	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.305024	-0.57525	1.402311	-0.41022	0.681646	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	14.28919	0.250671	0.55148	0.454542	0.649439	NA
	0.682693	2.623213	2.518338	1.041645	0.297576	NA
GH1	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.883146	1.112834	2.554178	0.435692	0.663061	NA
	0.651288	1.289307	2.633717	0.489539	0.62446	NA
	54.21734	0.189066	0.31064	0.608633	0.542768	0.684848
	5.679485	0.203882	0.822385	0.247916	0.804199	NA
	106.9952	0.099765	0.239455	0.416633	0.676947	0.788873
	13.71705	0.828682	0.596122	1.390121	0.164492	NA
DNM1P47	1.962127	1.55416	1.508101	1.030541	0.302756	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HSP90B2P	2.779498	-1.2191	1.32034	-0.92333	0.355838	NA
	0.900564	1.750062	2.175753	0.804348	0.421196	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.829879	0.325508	1.207529	0.269565	0.787495	NA
HSPE1P3	0.842643	-2.08432	2.306153	-0.90381	0.366097	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.69238	0.295083	2.603008	0.113362	0.909743	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	12.2512	0.207726	0.616588	0.336896	0.736196	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SLC22A31	2.027659	-0.68335	1.335538	-0.51167	0.608883	NA
	1.075752	0.450053	2.098769	0.214437	0.830206	NA
	39.13946	-0.17838	0.347881	-0.51275	0.608128	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.851742	-0.48655	2.547586	-0.19099	0.848537	NA
RAB43P1	0.402398	-2.58771	4.018369	-0.64397	0.519595	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA

	20.41429	0.283728	0.464254	0.611149	0.541101	NA
	0.777314	2.821035	2.404647	1.17316	0.240732	NA
	2.066525	-0.02235	1.74566	-0.0128	0.989787	NA
	61.69004	-0.70488	0.297769	-2.3672	0.017923	0.070101
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NDUFA5P1	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.833158	-0.52049	2.521552	-0.20642	0.836464	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.951104	-0.01996	2.201588	-0.00907	0.992765	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.601483	-1.7332	2.729494	-0.63499	0.525436	NA
	3.779762	0.161804	1.094867	0.147784	0.882513	NA
VN1R68P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CDC37P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	81.67283	0.108865	0.261237	0.41673	0.676876	0.788868
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
TGFBR3L	39.55638	0.204956	0.34453	0.594886	0.55192	NA
	11.00529	0.465625	0.657869	0.707777	0.479084	NA
ZNF720P1	0.47961	0.535796	3.39605	0.15777	0.874638	NA
LSM3P5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	38.00235	-0.27808	0.390767	-0.71163	0.476695	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.13478	-0.36016	1.376212	-0.2617	0.793551	NA
	4.486682	-0.47681	1.001574	-0.47606	0.63403	NA
	2.86268	1.072281	1.272156	0.842885	0.399293	NA
	1.73954	0.950876	1.722233	0.552118	0.580867	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	25.99999	-0.37582	0.475558	-0.79027	0.429373	NA
	4.016447	0.853425	1.038836	0.82152	0.41135	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.752655	-0.41495	1.535934	-0.27016	0.787037	NA
NSFP1	2.173632	-0.80894	1.454172	-0.55629	0.578014	NA
	0.612162	-0.19706	2.47693	-0.07956	0.936588	NA
MIR4519	8.701434	1.435529	0.730666	1.964686	0.049451	NA
	64.67535	0.162657	0.277528	0.586092	0.557814	0.69668
	1.949022	-0.91689	1.390122	-0.65957	0.509528	NA
AOC4P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	34.55028	0.260745	0.358456	0.727413	0.466973	NA
	13.50829	-0.57028	0.588475	-0.96908	0.332503	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
CA5AP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	18.33886	0.494061	0.489936	1.008421	0.313253	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.490136	-1.58638	1.719755	-0.92245	0.356296	NA
	0.738391	0.402625	2.276191	0.176885	0.859599	NA

	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.525225	1.149076	1.501647	0.765211	0.444146	NA
	17.198	0.095788	0.510366	0.187686	0.851123	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
SUB1P4	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	1.075752	0.450053	2.098769	0.214437	0.830206	NA
	0.651288	1.289307	2.633717	0.489539	0.62446	NA
	0.844077	-0.22325	2.189502	-0.10196	0.918786	NA
	3.813117	-0.00516	1.065024	-0.00484	0.996136	NA
	108.4308	0.124319	0.254135	0.489186	0.62471	0.748452
	73.97407	-0.44869	0.275051	-1.6313	0.102827	0.227098
LINC00919	35.00198	-0.45973	0.509505	-0.9023	0.366898	NA
	10.3787	-0.29082	0.632873	-0.45953	0.645857	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	2.78706	0.981564	1.245966	0.787793	0.430818	NA
	1.858399	-0.4589	1.422607	-0.32258	0.747017	NA
	18.70002	0.190779	0.570458	0.334431	0.738055	NA
	0.555087	0.973802	2.808575	0.346725	0.728798	NA
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	0.746498	-1.433	2.535747	-0.56512	0.571994	NA
	1.539593	1.098873	1.649451	0.666205	0.50528	NA
	0.518736	2.237423	2.7713	0.807355	0.419462	NA
COX6CP1	26.15081	0.596757	0.474748	1.256999	0.208754	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.766634	1.516849	2.262991	0.670285	0.502676	NA
	26.81401	-0.18074	0.429986	-0.42035	0.674233	NA
	4.227775	-0.10388	1.0071	-0.10315	0.917846	NA
	1.045523	1.534279	2.413816	0.635624	0.525022	NA
	1.582111	-0.20376	1.782133	-0.11433	0.908974	NA
	1.713586	-0.7846	1.451865	-0.54041	0.588917	NA
	1.007648	2.051938	2.077812	0.987548	0.323374	NA
AQP4-AS1	2.347457	-0.62172	1.316207	-0.47236	0.636671	NA
	0.986086	0.883356	2.062196	0.428357	0.668391	NA
WBP11P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.19662	0.374285	0.810192	0.461971	0.644102	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.132625	0.391474	2.111679	0.185385	0.852927	NA
	2.03799	0.682895	1.447426	0.4718	0.63707	NA
	4.323635	1.026699	0.970174	1.058263	0.289936	NA
	1.659229	0.61197	1.860398	0.328946	0.742197	NA
	1.373842	0.279944	1.886333	0.148406	0.882022	NA

	14.13077	-0.50564	0.581619	-0.86936	0.384651	NA	
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA	
	16.75055	0.436839	0.517437	0.844235	0.398538	NA	
TPRKBP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
C16orf95	77.40956	0.068696	0.316106	0.217319	0.827959	0.896239	
FTLP14	5.875241	-1.20562	0.926409	-1.30139	0.193125	NA	
	1.380377	0.882103	1.689164	0.522213	0.601522	NA	
	0.452561	2.061505	3.349456	0.615474	0.538241	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.844077	-0.22325	2.189502	-0.10196	0.918786	NA	
	224.8437	-0.10289	0.198592	-0.51808	0.6044	0.732942	
	2.227201	0.035543	1.594631	0.022289	0.982218	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.629929	-1.1413	2.677641	-0.42623	0.669937	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
	0.898195	-1.76199	2.351517	-0.7493	0.453676	NA	
BMS1P8	0.980782	1.975754	2.115136	0.934103	0.350251	NA	
	2.725141	-0.4901	1.19359	-0.41061	0.681357	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
FAM157C	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA	
	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA	
	201.5808	-0.62385	0.191453	-3.25851	0.00112	0.01112	
	1.223736	2.27097	2.079939	1.091845	0.274901	NA	
	0.47961	0.535796	3.39605	0.15777	0.874638	NA	
MT1L	16.96543	-0.06403	0.550246	-0.11636	0.907369	NA	
	17.36563	0.011153	0.563509	0.019793	0.984209	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	18.48208	0.350709	0.598601	0.585881	0.557955	NA	
ERVK13-1	92.4274	0.485922	0.248937	1.95199	0.050939	0.140406	
	96.74727	-1.12023	0.306297	-3.65735	2.55E-04	0.004502	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	2.672807	-0.19295	1.233288	-0.15645	0.875676	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	1.798317	0.827623	1.614273	0.512691	0.608168	NA	
SNAI3-AS1	129.9189	-0.35554	0.223068	-1.59384	0.110971	0.238988	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	1.295204	0.045195	1.784804	0.025322	0.979798	NA	
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	2.308039	-0.06851	1.331323	-0.05146	0.958956	NA	
	4.745231	0.288732	1.042426	0.276981	0.781795	NA	
	1.039255	2.120498	2.300766	0.921649	0.356712	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	1.045726	0.338916	1.94625	0.174138	0.861757	NA	

	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	2.450047	0.365243	1.275853	0.286274	0.774668	NA
CYCSP39	1.090395	-0.30963	1.797091	-0.17229	0.863206	NA
	0.422737	0.518872	3.501356	0.148192	0.882191	NA
SLC7A5P1	73.49839	-0.47935	0.287912	-1.66492	0.095929	0.216865
	2.000639	-1.54444	1.550255	-0.99625	0.319131	NA
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	4.357609	-0.51648	1.033074	-0.49995	0.617111	NA
	10.53938	0.143377	0.624157	0.229713	0.818315	NA
	3.854313	0.332139	1.07691	0.308419	0.757764	NA
MIR940	8.721525	0.491284	0.706035	0.695835	0.486532	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
CASC17	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	59.16305	2.134162	0.991937	2.151509	0.031436	0.102411
	0.476449	0.524262	3.402674	0.154073	0.877552	NA
	9.701216	0.331995	0.685212	0.484514	0.628021	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.181236	0.579619	2.102215	0.275718	0.782765	NA
	86.79399	0.179113	0.306562	0.584265	0.559042	0.697891
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FBXL19-AS1	52.22095	0.789922	0.362518	2.178988	0.029333	0.097487
	9.191802	0.897862	0.837476	1.072105	0.283673	NA
	0.911832	-0.02323	2.42372	-0.00958	0.992354	NA
	8.343255	-0.03514	0.754539	-0.04658	0.962851	NA
	2.196	-0.73478	1.378535	-0.53302	0.594022	NA
	1.129813	-1.87082	2.359654	-0.79284	0.427873	NA
HCCAT5	4.595314	-1.24777	1.050555	-1.18773	0.234942	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.393586	-0.37783	1.885612	-0.20038	0.841185	NA
	1.013338	-0.63846	2.07512	-0.30768	0.75833	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.766634	1.516849	2.262991	0.670285	0.502676	NA
	4.73862	-0.61014	1.029084	-0.5929	0.553247	NA
	1.235354	-0.89516	1.719639	-0.52055	0.60268	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FTO-IT1	1.3408	-0.91042	2.016493	-0.45149	0.65164	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.090395	-0.30963	1.797091	-0.17229	0.863206	NA
	5.16304	-0.99379	1.028853	-0.96592	0.334085	NA
	1.3507	-0.58284	1.734422	-0.33604	0.736839	NA
	35.65302	0.18171	0.35147	0.517001	0.605156	NA

	5.778957	0.615569	0.949138	0.648555	0.516626	NA	
	2.9895	-0.03609	1.142782	-0.03158	0.974807	NA	
	0.420954	1.923376	3.462803	0.555439	0.578594	NA	
SULT1A3	0.938845	-1.23445	2.063177	-0.59832	0.549624	NA	
	0.911593	1.257757	2.250933	0.558771	0.576318	NA	
	1.456146	-0.54961	1.792133	-0.30668	0.759086	NA	
	130.1536	0.009688	0.242464	0.039958	0.968127	0.982548	
	4.291093	0.433256	0.999594	0.433432	0.664701	NA	
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA	
	5.121477	-0.05316	0.870952	-0.06103	0.951333	NA	
	131.0698	0.033821	0.208128	0.162503	0.87091	0.923244	
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	8.39255	0.306771	0.759101	0.404124	0.686122	NA	
	7.956511	-0.28685	0.786515	-0.36471	0.715325	NA	
	2.150763	-0.37881	1.366729	-0.27717	0.781653	NA	
	3.794163	0.407584	1.106588	0.368325	0.712631	NA	
	0.785714	-3.2458	3.343263	-0.97085	0.331623	NA	
	0.861641	-0.2592	2.180811	-0.11885	0.90539	NA	
RBFADN	0.602678	1.083611	2.70938	0.399948	0.689195	NA	
	1.239709	0.808051	1.989464	0.406165	0.684621	NA	
	1.284322	-0.14931	2.000728	-0.07463	0.940512	NA	
	0.460669	-0.62593	3.398671	-0.18417	0.853882	NA	
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
	0.806146	0.553068	2.206737	0.250627	0.802102	NA	
C16orf97	2.365832	-0.19289	1.442079	-0.13376	0.893592	NA	
	0.394291	0.298745	3.141711	0.09509	0.924243	NA	
	10.24388	-0.00122	0.646886	-0.00189	0.998495	NA	
UBE2FP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.575812	0.936922	2.776634	0.337431	0.735792	NA	
	3.454027	-0.08071	1.230601	-0.06559	0.947705	NA	
	0.556667	0.972496	2.522454	0.385536	0.699841	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	1.110909	-2.65317	2.097332	-1.26502	0.205864	NA	
	0.816972	0.936457	2.589651	0.361615	0.71764	NA	
	19.53367	0.651127	0.507401	1.28326	0.199401	NA	
	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA	
	3.932562	1.095479	1.079882	1.014443	0.310371	NA	
	2.603434	-0.2949	1.366905	-0.21574	0.829187	NA	
	0.67854	-0.89371	2.366391	-0.37767	0.705677	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	1.389972	-0.74064	1.967559	-0.37643	0.7066	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	73.44925	-0.63245	0.31542	-2.00511	0.044952	0.129622	
	1.923204	0.535803	1.417119	0.378093	0.705361	NA	
EIF4BP5	0.629726	-0.22725	2.732935	-0.08315	0.93373	NA	

	1.434292	0.3217	1.639728	0.196191	0.844461	NA
	7.110337	-0.31902	0.771063	-0.41374	0.679062	NA
C16orf98	1.167249	0.55518	1.831153	0.303186	0.761748	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
VPS9D1-AS	35.98301	-0.38496	0.503176	-0.76507	0.444231	NA
	2.368036	-0.11252	1.265119	-0.08894	0.929129	NA
HSPE1P5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
	1.06329	0.285492	1.942399	0.146979	0.883149	NA
TEN1-CDK3	4.453819	0.115849	0.936593	0.123692	0.901559	NA
ATP5F1P7	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	3.977673	-0.13348	1.018003	-0.13112	0.89568	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
UBE2MP1	1.845944	0.850627	1.744226	0.487682	0.625775	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	1.171751	1.845228	2.071346	0.890835	0.373018	NA
	4.127519	-0.64195	1.067764	-0.60121	0.547699	NA
	0.528424	-0.38142	2.853651	-0.13366	0.893671	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.623045	0.091811	2.666142	0.034436	0.97253	NA
	39.51607	0.390432	0.381136	1.024391	0.30565	NA
	42.55407	-0.15032	0.375273	-0.40056	0.688748	NA
	1.446755	0.439331	1.610042	0.272869	0.784954	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
DLGAP1-AS	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	24.96469	0.27925	0.411374	0.678822	0.497251	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.746295	-0.65731	2.318283	-0.28353	0.776767	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.325822	-0.188	1.138868	-0.16508	0.868884	NA
	4.792369	-0.60317	0.90617	-0.66563	0.505648	NA
	11.33232	0.846793	0.630195	1.343702	0.179045	NA
EEF1A1P38	1.2271	1.384124	1.759418	0.786694	0.431461	NA
	1.437067	1.633888	1.799299	0.908069	0.363842	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.468778	-0.06491	1.319921	-0.04918	0.960778	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	15.96635	0.98271	0.5426	1.811112	0.070124	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	3.891551	0.300811	1.048584	0.286874	0.774209	NA
HERC2P8	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GAN	87.28824	0.675117	0.34367	1.964431	0.04948	0.137692
	9.017983	0.182591	0.662426	0.27564	0.782825	NA

YBX3P1	0.815042	2.859272	2.76927	1.0325	0.301838	NA
	7.381608	0.652192	0.771448	0.845414	0.39788	NA
HMGN2P4:	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.819558	-2.40918	2.432038	-0.9906	0.321881	NA
	1.928929	0.614588	1.501461	0.409327	0.6823	NA
IMPDH1P1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	23.61359	-0.29934	0.419742	-0.71316	0.475747	NA
	8.413393	-0.16995	0.706622	-0.24051	0.809932	NA
	0.440301	0.468383	3.449808	0.135771	0.892003	NA
	41.34939	-0.12416	0.392969	-0.31596	0.752031	NA
	32.96979	0.164305	0.394433	0.416559	0.677001	NA
	0.575812	0.936922	2.776634	0.337431	0.735792	NA
HPR	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	74.39508	0.005475	0.25769	0.021248	0.983048	0.990989
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	55.00802	-0.8722	0.602326	-1.44806	0.147601	0.290713
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	2.020426	0.714606	1.492083	0.478932	0.631987	NA
	2.152939	0.882335	1.661577	0.531022	0.595403	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.602539	-0.12674	1.714409	-0.07393	0.941069	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	2.098189	0.306117	1.31934	0.232022	0.816521	NA
	4.925421	1.793918	1.033635	1.735542	0.082645	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	9.771284	-0.15735	0.702446	-0.22401	0.822751	NA
	5.450605	-0.45901	0.920693	-0.49854	0.6181	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TUBB8P7	19.67994	-0.57399	0.509684	-1.12616	0.260097	NA
	3.543803	-0.70909	1.19969	-0.59106	0.554481	NA
LINC00662	204.7099	0.137138	0.179813	0.762669	0.445661	0.605468
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	18.13016	-0.67182	0.590585	-1.13756	0.255305	NA
MIA	20.59	0.040668	0.560538	0.072552	0.942163	NA
	0.831228	1.631574	2.456512	0.664183	0.506573	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.876318	-0.29719	0.842423	-0.35278	0.724255	NA
	19.96563	0.062895	0.488147	0.128845	0.897481	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	16.08288	-0.34078	0.583316	-0.58421	0.559076	NA
	1.938064	1.141618	1.716815	0.664963	0.506074	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA

	0.768215	1.51173	2.494681	0.605981	0.544527	NA
	6.030238	-0.31978	0.812846	-0.39341	0.694017	NA
	4.571048	0.034242	0.975375	0.035106	0.971995	NA
	6.90539	0.15417	0.745965	0.206672	0.836266	NA
	0.861641	-0.2592	2.180811	-0.11885	0.90539	NA
	4.070159	0.841953	1.069278	0.787404	0.431045	NA
DLGAP1-AS	23.24446	1.084718	0.489848	2.214396	0.026802	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.979049	-0.78005	1.386138	-0.56275	0.573606	NA
	37.37857	-0.33472	0.341569	-0.97993	0.327119	NA
	4.024692	-0.50352	1.008377	-0.49934	0.617541	NA
	0.654449	1.296029	2.63083	0.492631	0.622273	NA
	11.91493	-0.59675	0.584288	-1.02132	0.307101	NA
	1.793804	-0.54764	1.551304	-0.35302	0.724074	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
BCAR4	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
	7.505329	0.735183	0.863755	0.851148	0.394687	NA
	2.719894	0.0302	1.21839	0.024787	0.980225	NA
LINC00514	1.336939	3.579225	2.06038	1.737167	0.082358	NA
	2.717236	-0.14276	1.185372	-0.12044	0.904136	NA
	2.081857	1.209762	1.428786	0.846706	0.397159	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	6.780705	0.09184	0.752543	0.12204	0.902868	NA
	3.086805	-0.39256	1.145211	-0.34278	0.731761	NA
	2.0698	0.379819	1.382616	0.27471	0.783539	NA
SNORD3D	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	135.893	-0.71734	0.295976	-2.42364	0.015366	0.062996
	593.5812	-0.3482	0.207845	-1.67529	0.093878	0.214014
	7.720404	0.059284	0.772879	0.076706	0.938858	NA
CORO7	354.5373	-0.36799	0.217339	-1.69315	0.090428	0.208467
	1.072389	1.632428	2.363252	0.690755	0.48972	NA
	4.050508	1.165508	1.087108	1.072118	0.283667	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
HNRNPA1P	3.864651	-0.52494	1.103454	-0.47573	0.63427	NA
	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	1.335708	2.111616	2.003911	1.053747	0.291999	NA
	0.528424	-0.38142	2.853651	-0.13366	0.893671	NA
	0.518939	0.925178	3.271397	0.282808	0.777324	NA
	1.962505	-0.77218	1.464239	-0.52736	0.597943	NA
	2.39365	-1.12277	1.328429	-0.84518	0.398009	NA
	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA

	8.709521	1.162048	0.725652	1.601384	0.109292	NA
	9.995378	0.503282	0.69403	0.725159	0.468355	NA
	1.755727	0.469734	1.546775	0.303686	0.761367	NA
CCER2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
TXNP4	0.681112	2.620532	2.519661	1.040033	0.298324	NA
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	18.51758	-0.41438	0.471335	-0.87916	0.379312	NA
	0.55687	-0.14239	3.170029	-0.04492	0.964172	NA
	0.72077	0.527966	3.060238	0.172524	0.863025	NA
	12.79215	-0.4605	0.592757	-0.77687	0.437234	NA
BTF3P14	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.518736	2.237423	2.7713	0.807355	0.419462	NA
	1.001078	-1.62003	2.135717	-0.75854	0.448126	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.034843	0.085767	2.175521	0.039424	0.968553	NA
	4.869652	0.322708	0.921036	0.350375	0.726057	NA
	3.745223	-0.53295	1.117835	-0.47677	0.633529	NA
	3.914245	-0.48465	1.029466	-0.47078	0.637797	NA
	8.632703	-0.01516	0.717709	-0.02113	0.983145	NA
	2.789192	0.067163	1.187257	0.05657	0.954888	NA
	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA
	5.630985	-0.52176	0.904187	-0.57705	0.563909	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	5.895241	-0.1152	0.851715	-0.13526	0.89241	NA
	1.130898	1.215321	1.814636	0.669732	0.503028	NA
	1.053979	-3.69847	2.572645	-1.43761	0.150544	NA
	111.5942	-0.19527	0.271047	-0.72044	0.471253	0.627368
MRPS21P9	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	3.065168	0.533651	1.202032	0.443958	0.657073	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.736598	0.533229	1.309967	0.407055	0.683968	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MRPL12	550.3136	-0.19978	0.150488	-1.32752	0.184336	0.337654
	0.517155	2.232561	3.179631	0.702145	0.482589	NA
	1.619957	0.655051	1.533765	0.427087	0.669316	NA
	14.43836	0.686968	0.549223	1.2508	0.211007	NA
	30.62901	-0.26119	0.47096	-0.55459	0.579178	NA
	212.2235	-0.14399	0.204902	-0.70273	0.482224	0.636186
	2.87841	-1.69901	1.199019	-1.417	0.156483	NA
	8.793356	-0.58249	0.720195	-0.8088	0.418631	NA
	8.92833	-0.46897	0.711101	-0.6595	0.509578	NA
	1.160925	1.304491	1.810948	0.720336	0.471318	NA
	1.242238	-1.86491	1.881316	-0.99128	0.321549	NA

ALOX12P2	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
	175.2114	-0.28543	0.198585	-1.43731	0.150631	0.294428
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
EIF4A1P9	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.862697	0.366375	1.626114	0.225307	0.82174	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	29.81954	-0.35763	0.391922	-0.91249	0.361509	NA
ROCK1P1	2.339203	0.618811	1.28931	0.479955	0.631259	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	43.90737	-0.03547	0.329981	-0.1075	0.914394	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.562926	-1.43068	1.149626	-1.24448	0.213323	NA
	7.557873	-0.18468	0.78601	-0.23496	0.814243	NA
	48.12244	-0.4049	0.330991	-1.22331	0.221214	0.381453
	2.294288	-1.37299	1.467774	-0.93542	0.349571	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	6.172539	-0.54425	0.894896	-0.60817	0.543077	NA
	63.71483	0.215982	0.308369	0.7004	0.483677	0.637354
	4.350633	-1.10369	0.959624	-1.15013	0.250092	NA
	0.875299	1.848392	2.453783	0.753283	0.45128	NA
	2.103725	-1.81171	1.466282	-1.23558	0.216614	NA
	1.893955	1.755314	1.648659	1.064692	0.287015	NA
	1.877194	0.496221	1.45427	0.341217	0.73294	NA
LRRC37A17	123.5567	-0.1917	0.26889	-0.71292	0.475896	0.630941
	44.74483	-0.01336	0.346922	-0.0385	0.969292	NA
	4.934635	-1.51572	1.049029	-1.44488	0.148492	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.601483	-1.7332	2.729494	-0.63499	0.525436	NA
HNRNPCP4	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.727508	0.192954	2.572892	0.074995	0.940219	NA
ZNF205-AS	5.195998	-0.41305	0.963049	-0.4289	0.667995	NA
RYKP1	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ATP5A1P3	1.613001	-0.63725	1.794857	-0.35504	0.722558	NA
	2.229454	-1.17346	1.513553	-0.7753	0.438162	NA
	0.658173	-0.01016	2.630582	-0.00386	0.996919	NA
	360.3159	-0.1083	0.222108	-0.48761	0.625826	0.748957
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	7.613917	0.244391	0.81363	0.300372	0.763894	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	11.38957	0.71091	0.673605	1.055381	0.291251	NA
	1.237926	1.940943	2.028448	0.956861	0.338637	NA
	46.72576	-0.55669	0.344385	-1.61649	0.105989	NA

	10.41667	-0.78746	0.663777	-1.18633	0.23549	NA
	5.526565	-0.58592	0.902359	-0.64932	0.516134	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.640406	1.11402	2.710977	0.410929	0.681124	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
	14.0023	0.139588	0.677163	0.206137	0.836684	NA
	9.316283	0.365258	0.671903	0.543616	0.586705	NA
	2.749086	-0.60639	1.322411	-0.45855	0.646558	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.168976	-0.41512	1.914592	-0.21682	0.82835	NA
	35.06982	0.424305	0.423409	1.002115	0.316288	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RN7SL155P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL94P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.518736	2.237423	2.7713	0.807355	0.419462	NA
AK4P1	0.680121	-0.88898	2.365123	-0.37587	0.707013	NA
RN7SL716P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
UBBP4	15.02865	-0.01345	0.543328	-0.02476	0.980246	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	0.979202	1.972754	2.08204	0.94751	0.343379	NA
	1.03648	0.354657	2.004615	0.17692	0.859571	NA
	1.446515	1.109807	1.923134	0.577082	0.563884	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.384806	1.846216	3.999752	0.461582	0.644381	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	1.530697	0.042995	1.600009	0.026872	0.978562	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	23.70808	-0.29975	0.5017	-0.59747	0.550193	NA
SLC25A51P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	5.617836	-0.63907	1.019855	-0.62663	0.530902	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DLGAP1-AS	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FTLP13	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
	10.67697	-0.19909	0.623422	-0.31935	0.749461	NA
OOSP1P2	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA
LINC00667	671.2974	0.190827	0.163116	1.169891	0.242045	0.405002
	6.184352	-0.19522	0.797281	-0.24486	0.806564	NA

	1.185162	-1.08022	1.836234	-0.58828	0.556345	NA
	0.816825	1.673341	2.21346	0.755984	0.449659	NA
	2.151755	0.765568	1.39866	0.547358	0.584133	NA
	1.569997	-1.71637	1.688941	-1.01624	0.309515	NA
	0.599903	-1.73313	2.730982	-0.63462	0.525678	NA
	5.471427	-0.31212	0.894981	-0.34875	0.727278	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
FAM60BP	1.360148	-1.53382	1.974839	-0.77668	0.437346	NA
	15.41925	-0.33055	0.573206	-0.57666	0.564166	NA
CIAPIN1P	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC00672	1.892791	1.520634	1.724951	0.881552	0.378019	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	1.517285	1.795409	1.693559	1.060139	0.289081	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.309491	-1.65158	1.395625	-1.1834	0.236651	NA
	0.517155	2.232561	3.179631	0.702145	0.482589	NA
	11.3439	-0.67215	0.672748	-0.9991	0.317744	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL381P	0.979202	1.972754	2.08204	0.94751	0.343379	NA
	1.361233	0.907194	1.662201	0.545779	0.585218	NA
	0.528424	-0.38142	2.853651	-0.13366	0.893671	NA
	1.689495	0.214366	1.601324	0.133868	0.893507	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.996531	-0.75577	1.148112	-0.65827	0.510366	NA
	0.736957	-1.0303	2.640699	-0.39016	0.696418	NA
MIR4737	5.083498	-1.61825	0.992569	-1.63036	0.103024	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	65.58055	-0.32721	0.310141	-1.05503	0.291413	0.458333
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DND1P1	12.81869	-0.75853	0.602383	-1.25922	0.20795	NA
	7.996246	-0.63278	0.746834	-0.84729	0.396836	NA
	4.032761	1.472242	1.148916	1.281418	0.200047	NA
	39.22442	1.364574	0.437685	3.117708	0.001823	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	6.771606	-0.04538	0.758112	-0.05987	0.952263	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR3175	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR3189	0.966942	0.917791	1.915974	0.47902	0.631924	NA
MAGOH2	1.668982	1.28852	1.600275	0.805187	0.420712	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.92936	-0.12162	2.442792	-0.04979	0.960292	NA
	0.488709	2.119056	3.307564	0.64067	0.521737	NA

	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.147231	-0.4269	2.00528	-0.21289	0.831415	NA
	4.923887	0.300131	0.89385	0.335774	0.737042	NA
LINC00909	218.1805	0.420393	0.217553	1.932374	0.053313	0.144629
MIR4322	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
	2.634985	-0.49847	1.581439	-0.3152	0.752608	NA
	52.73325	-0.47557	0.331541	-1.43444	0.151448	0.295445
	2.483438	0.165792	1.476545	0.112284	0.910598	NA
	0.517155	2.232561	3.179631	0.702145	0.482589	NA
	1.873819	0.045943	1.713684	0.02681	0.978611	NA
	1.781601	-0.72609	1.91181	-0.37979	0.7041	NA
CCDC58P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNRPGP2	75.95222	0.341466	0.265013	1.288487	0.197577	0.353177
DYNLL2	329.712	-0.14062	0.209082	-0.67258	0.501217	0.651742
	3.787218	0.392155	1.137444	0.344769	0.730268	NA
MYH4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR3183	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.050874	0.188739	1.178886	0.160099	0.872803	NA
	22.75799	0.369254	0.485211	0.761017	0.446647	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.488912	0.771583	2.897678	0.266276	0.790026	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	87.12941	0.37322	0.262073	1.424109	0.154415	0.299654
RN7SL405P	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	3.637233	-0.39882	1.104536	-0.36108	0.718041	NA
SNX19P3	6.589737	0.167552	0.761926	0.219906	0.825944	NA
LINC00526	28.51667	0.235657	0.415072	0.56775	0.570204	NA
	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA
	1.289268	-1.64884	1.960876	-0.84087	0.400421	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.673872	0.096871	1.512454	0.064049	0.948931	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.508056	0.731032	2.861912	0.255435	0.798387	NA
KRT18P8	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.332989	0.293283	1.682898	0.174273	0.861651	NA
DPRXP4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.717609	0.516981	3.063469	0.168757	0.865988	NA

RN7SL805P	2.04344	-0.35152	1.464824	-0.23998	0.810349	NA	
	2.941781	-1.32267	1.198684	-1.10343	0.269839	NA	
SNORA67	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
PPIAP14	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
MIR4523	1.14589	-0.96272	1.809626	-0.532	0.594725	NA	
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
RN7SL45P	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	36.96743	0.056549	0.358875	0.157572	0.874794	NA	
	0.884581	1.788183	2.221027	0.805115	0.420753	NA	
	113.2055	0.050649	0.285968	0.177116	0.859418	0.916432	
	0.49187	2.136088	3.895953	0.548284	0.583497	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
SH3GL1P2	1.156919	-2.03273	2.016184	-1.0082	0.313356	NA	
	0.6882	0.151421	2.969628	0.05099	0.959334	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	14.89469	0.420071	0.552207	0.760713	0.446828	NA	
	3.015426	1.909797	1.291355	1.478909	0.139165	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	2.87001	-0.12341	1.199607	-0.10287	0.918065	NA	
	0.999498	-1.62429	2.136491	-0.76026	0.4471	NA	
	1.687712	0.72863	1.534051	0.474971	0.634807	NA	
	7.072639	-0.27436	0.806032	-0.34038	0.733568	NA	
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
FTLP12	8.072267	-0.3475	0.780736	-0.44509	0.656253	NA	
C1QTNF1-A	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	1.869078	0.043799	1.547192	0.028309	0.977416	NA	
MIR4731	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.572651	0.928649	2.780261	0.334015	0.738368	NA	
	2.383816	0.17615	1.248176	0.141126	0.88777	NA	
MIR133A1	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA	
MIR1-2	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA	
BZRAP1-AS	2.896242	-0.65652	1.266018	-0.51857	0.60406	NA	
LRRC37A7P	17.38973	0.020879	0.504447	0.041391	0.966984	NA	
MIR4728	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
SRP72P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
SNORD3B-1	0.58333	2.389479	3.105916	0.769331	0.441697	NA	

	2.282513	0.155166	1.292723	0.12003	0.904459	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	32.78001	0.569241	0.458321	1.242015	0.214231	NA	
	13.03046	-0.65593	0.576857	-1.13708	0.255507	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.49187	2.136088	3.895953	0.548284	0.583497	NA	
PGDP1	2.783208	0.178505	1.260212	0.141646	0.887359	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
ARGFXP2	1.27606	0.077176	1.788447	0.043153	0.96558	NA	
FEM1AP2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	3.912526	0.508559	1.06795	0.476201	0.633931	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	
	2.137169	1.307794	1.475997	0.886041	0.375595	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
RN7SL219P	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
MIR4999	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.508056	0.731032	2.861912	0.255435	0.798387	NA	
	22.80864	0.505959	0.435648	1.161394	0.245482	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	11.54896	-0.67551	0.716898	-0.94226	0.346058	NA	
	72.33402	-0.24428	0.321356	-0.76017	0.447156	0.606803	
	10.63373	0.576007	0.676529	0.851414	0.394539	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	1.312622	0.801445	1.708401	0.46912	0.638984	NA	
	5.736617	0.132558	0.851515	0.155673	0.876291	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	2.697101	-1.0829	1.195349	-0.90593	0.364973	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	2.048669	1.176779	1.517324	0.775562	0.438008	NA	
	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA	
	0.604258	1.087325	2.707696	0.401568	0.688002	NA	
MIR1539	0.655827	2.55247	3.531744	0.722722	0.46985	NA	
SENP3-EIF4	0.594599	-0.12152	2.771051	-0.04385	0.965021	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	2.955475	-0.49386	1.124699	-0.43911	0.660584	NA	
	88.05794	-0.0818	0.261417	-0.31291	0.754348	0.846776	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.411855	0.250456	3.097618	0.080854	0.935558	NA	
	0.326333	1.533889	3.826878	0.40082	0.688553	NA	
MIR5010	0.785567	-0.70568	2.358063	-0.29926	0.764741	NA	
	0.863039	0.783382	2.464829	0.317824	0.750618	NA	
	3.913281	-0.35004	1.008996	-0.34692	0.728653	NA	
TUFMP1	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA	

	46.33191	-0.43456	0.352052	-1.23435	0.217072	NA
	3.077919	-0.33604	1.409086	-0.23848	0.811511	NA
RPL17	235.9615	0.304933	0.246174	1.23869	0.21546	0.374583
	2.767428	-0.07853	1.161193	-0.06763	0.946082	NA
MAFG-AS1	43.56932	-0.22943	0.357048	-0.64258	0.520496	NA
	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.682693	2.623213	2.518338	1.041645	0.297576	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	5.260597	0.734904	0.978597	0.750978	0.452666	NA
	6.242527	1.55332	0.842705	1.843256	0.065292	NA
CXADRP3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	23.66599	0.224549	0.487108	0.460985	0.644809	NA
	1.033116	1.025241	1.933005	0.530387	0.595844	NA
	0.682693	2.623213	2.518338	1.041645	0.297576	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	1.056848	-0.19221	2.254508	-0.08525	0.932059	NA
	0.508056	0.731032	2.861912	0.255435	0.798387	NA
MIR3177	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL226P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.654449	1.296029	2.63083	0.492631	0.622273	NA
MIR4734	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.774539	0.39797	2.296349	0.173305	0.862411	NA
UBE2CP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.748867	2.740193	2.468928	1.109871	0.267054	NA
	1.349265	-1.88672	2.030501	-0.92919	0.352791	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
MIR4725	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.718228	0.842344	1.32905	0.633794	0.526216	NA
MIR3615	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	4.033828	-0.25627	0.992674	-0.25817	0.796279	NA
	10.27448	-0.0644	0.765414	-0.08414	0.932948	NA
POLRMTP1	10.36413	-0.6804	0.641997	-1.05982	0.289227	NA
	1.02264	-0.42936	1.996699	-0.21504	0.82974	NA
	0.956262	0.048146	1.9097	0.025211	0.979886	NA
	0.520316	2.239969	3.173769	0.705776	0.480328	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RHOT1P1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
RN7SL758P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA

STRADA	101.3146	-0.09327	0.277168	-0.33652	0.736481	0.833121
	0.653072	0.258115	3.011926	0.085698	0.931707	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
MIR3186	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
	122.0852	-0.33082	0.229114	-1.4439	0.148768	0.292187
MIR3178	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR3176	0.422737	0.518872	3.501356	0.148192	0.882191	NA
NARF-IT1	3.748311	-0.61749	1.190982	-0.51847	0.604132	NA
GRAMD4P7	0.811881	2.862678	3.297846	0.868045	0.38537	NA
	1.671942	1.245692	1.722473	0.7232	0.469557	NA
	5.912277	0.517229	0.897838	0.576083	0.564559	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
UBL5P2	2.712881	-0.84497	1.209025	-0.69888	0.484625	NA
	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ARIH2P1	1.06329	0.285492	1.942399	0.146979	0.883149	NA
	0.651435	0.249629	2.788679	0.089515	0.928672	NA
	1.868058	0.021519	1.434582	0.015	0.988032	NA
RN7SL192P	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.61514	1.240942	3.104385	0.399738	0.689349	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR4740	3.204954	-0.5026	1.095676	-0.45872	0.646438	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.488709	2.119056	3.307564	0.64067	0.521737	NA
SNORA76	23.51996	0.159622	0.460971	0.346273	0.729138	NA
CBX3P2	5.708392	-0.80233	0.898388	-0.89308	0.371813	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
RN7SL663P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.839896	-0.29864	2.789385	-0.10706	0.914738	NA
	0.787148	-0.70094	2.357021	-0.29738	0.766174	NA
	2.165392	1.715894	1.561644	1.098774	0.271867	NA
	183.925	-0.23878	0.208469	-1.14541	0.252039	0.415977
	5.60953	0.298923	0.854079	0.349995	0.726343	NA
	5.263079	0.442544	0.9051	0.488945	0.624881	NA
	1.0066	-1.02879	2.187904	-0.47022	0.638201	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	70.92569	0.001973	0.529416	0.003727	0.997027	0.99888
MIR4530	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	2.082352	-0.26786	1.502059	-0.17833	0.858466	NA
	1.459015	1.061255	1.654615	0.641391	0.521269	NA
	4.794084	-0.02453	0.976326	-0.02513	0.979953	NA
RFWD2P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR3677	0.488709	2.119056	3.307564	0.64067	0.521737	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	5.660072	-0.19348	0.893068	-0.21665	0.828485	NA
	9.571418	-0.22341	0.758462	-0.29456	0.768331	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	1.60814	-0.79697	1.672191	-0.4766	0.633645	NA
PSMD7P1	0.584911	2.38756	2.690807	0.887303	0.374916	NA
	1.63242	0.749319	1.641395	0.456513	0.648021	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MYO15B	1.989671	-0.61782	1.573501	-0.39264	0.694586	NA
	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA
	4.14127	0.045396	0.981659	0.046244	0.963116	NA
MIR5695	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	46.83153	-0.15692	0.360073	-0.4358	0.66298	NA
MIR3680-2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR3680-1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SH3GL1P1	4.424121	0.802111	1.188266	0.675026	0.499659	NA
	1.63594	0.601505	1.647219	0.365164	0.714989	NA
	2.527405	0.655359	1.371876	0.47771	0.632857	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
	1.006454	0.21027	1.900041	0.110666	0.911881	NA
	0.884727	1.125991	2.88877	0.389782	0.696698	NA
	106.6638	-0.22423	0.297272	-0.75431	0.450664	0.609958
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ITM2BP1	0.518736	2.237423	2.7713	0.807355	0.419462	NA
	64.39698	0.107137	0.275166	0.389356	0.697013	0.804815
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.574231	0.93227	2.49998	0.372911	0.709215	NA
	1.397876	-1.6426	1.882481	-0.87257	0.382897	NA
AKR1B1P7	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
LINC00663	21.54501	-0.18733	0.511518	-0.36622	0.714202	NA
SLC25A6P4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA

	1.522175	0.469421	1.602229	0.29298	0.769538	NA	
	0.885732	-2.40221	2.384877	-1.00727	0.313806	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
ACTBP9	0.410275	0.244283	3.100889	0.078778	0.937209	NA	
	15.97993	1.076306	0.573613	1.876363	0.060606	NA	
	2.73364	0.23429	1.220763	0.191921	0.847804	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	23.02616	0.32922	0.579377	0.568231	0.569878	NA	
	2.775818	1.021775	1.330991	0.76768	0.442678	NA	
	3.379379	-0.64657	1.097621	-0.58907	0.555818	NA	
	1.961282	-0.41505	1.36029	-0.30512	0.760277	NA	
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
	3.669206	-0.50547	1.1305	-0.44712	0.654786	NA	
MRPL37P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	22.89693	-0.68564	0.457473	-1.49876	0.133936	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.506476	0.726418	2.864186	0.253621	0.799788	NA	
	48.19835	-0.43516	0.33149	-1.31273	0.189273	0.343409	
	0.326333	1.533889	3.826878	0.40082	0.688553	NA	
FXYD1	1.025561	0.190158	2.384522	0.079747	0.936439	NA	
AARSD1	8.404492	0.53358	0.75005	0.711393	0.476841	NA	
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
	2.038339	-0.21984	1.344596	-0.1635	0.870123	NA	
	0.288605	1.443619	4.029058	0.358302	0.720117	NA	
LRRC37A9P	1.268755	0.049606	1.899823	0.026111	0.979169	NA	
	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA	
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA	
	0.392711	0.292538	3.145221	0.09301	0.925895	NA	
	1.687494	-0.33602	1.768527	-0.19	0.849309	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	2.193103	-0.79153	1.563251	-0.50634	0.612621	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
DHX40P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	0.440301	0.468383	3.449808	0.135771	0.892003	NA	
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA	
	1.354277	-0.37751	1.844618	-0.20465	0.837843	NA	
	24.87575	0.517603	0.455578	1.136146	0.255896	NA	
	1.402122	0.958574	1.966468	0.48746	0.625933	NA	
	0.698879	1.36795	2.596167	0.526912	0.598255	NA	
	10.04629	0.273448	0.683214	0.400238	0.688981	NA	
	9.266682	2.049499	0.781477	2.622598	0.008726	NA	

	5.757131	-0.17545	0.833236	-0.21056	0.833231	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.861	-1.12209	1.256704	-0.89289	0.371918	NA
LRRC37A16	665.6814	-0.14642	0.15782	-0.92777	0.353525	0.521597
	1.147085	0.53291	1.948376	0.273515	0.784457	NA
	1.721113	1.271654	1.706047	0.74538	0.456042	NA
	2.413211	-0.9507	1.424441	-0.66742	0.504506	NA
	1.169179	-1.04993	1.839034	-0.57091	0.568059	NA
	69.64668	0.122049	0.27013	0.451816	0.651401	0.769259
ZNF850	53.66576	0.291369	0.360008	0.809339	0.41832	0.581245
	1.70671	1.288284	1.568841	0.82117	0.41155	NA
	1.465485	-0.31895	1.726907	-0.18469	0.85347	NA
	0.70851	-1.62753	2.686091	-0.60591	0.544574	NA
	0.92901	1.841773	2.123319	0.867403	0.385721	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	13.61595	0.173826	0.587252	0.295998	0.767231	NA
	4.813983	-0.772	0.969028	-0.79667	0.42564	NA
PTGES3L	2.118878	0.16818	1.744666	0.096397	0.923205	NA
	0.641986	1.117767	2.709494	0.412537	0.679946	NA
	5.17595	-0.77842	1.028855	-0.75659	0.449295	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CCDC58P3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	3.491718	-0.1222	1.175017	-0.104	0.917171	NA
	5.554397	-0.80556	0.914931	-0.88046	0.378611	NA
KRT18P61	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.725928	0.181819	2.321433	0.078322	0.937572	NA
CTBP2P7	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ILF3-AS1	251.095	0.114159	0.209282	0.545478	0.585425	0.718394
	12.90917	1.431228	0.760156	1.882808	0.059726	NA
C19orf82	263.0963	0.004251	0.217091	0.019583	0.984376	0.991773
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.70513	1.285072	1.554544	0.826656	0.408432	NA
	0.727508	0.192954	2.572892	0.074995	0.940219	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	14.36088	-0.7354	0.530059	-1.38739	0.165323	NA
RNF157-AS	1.598249	0.567223	1.588614	0.357055	0.72105	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.863125	0.67049	0.940336	0.713032	0.475826	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.458812	1.676572	1.711787	0.979428	0.327369	NA

	2.014191	0.480495	1.639894	0.293004	0.769519	NA	
	0.354779	1.703954	3.657232	0.465914	0.641277	NA	
	7.694489	0.265617	0.826278	0.321462	0.74786	NA	
TPMTP1	1.083685	2.141036	2.332782	0.917804	0.358721	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	2.251117	0.861744	1.341313	0.642463	0.520573	NA	
	35.61229	-0.41448	0.44215	-0.93743	0.348539	NA	
	0.528424	-0.38142	2.853651	-0.13366	0.893671	NA	
	49.36093	0.011551	0.331467	0.03485	0.9722	0.984681	
CALM2P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.672013	1.253691	2.607776	0.480751	0.630693	NA	
	0.74749	1.546424	2.516383	0.614543	0.538857	NA	
PHF5CP	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.682896	1.412658	2.61672	0.539858	0.589295	NA	
PTP4A2P1	1.945261	-0.45366	1.579784	-0.28717	0.773983	NA	
ATP5LP7	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.872321	0.678609	2.011629	0.337343	0.735858	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	22.68814	0.407791	0.522114	0.781038	0.43478	NA	
	2.047649	1.111208	1.445131	0.768932	0.441934	NA	
	1.593507	0.596556	1.813973	0.328867	0.742256	NA	
	5.775418	-0.13384	0.846633	-0.15808	0.874392	NA	
SNRPGP4	2.101361	1.122709	1.659381	0.676583	0.498671	NA	
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA	
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA	
	6.278755	-0.40218	0.855057	-0.47035	0.638102	NA	
	5.360882	-0.44905	0.898553	-0.49974	0.617255	NA	
	1.210485	-0.74676	2.171272	-0.34393	0.7309	NA	
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA	
	0.384806	1.846216	3.999752	0.461582	0.644381	NA	
	2.837986	-0.25817	1.219204	-0.21176	0.832298	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	74.64515	-0.54021	0.344768	-1.56689	0.11714	0.247716	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	17.15483	-0.72353	0.515454	-1.40368	0.160415	NA	
	14.70337	-0.60305	0.625688	-0.96382	0.335135	NA	
	0.719043	1.433043	2.335048	0.61371	0.539407	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	24.65357	0.164544	0.457524	0.359641	0.719116	NA	
	7.695947	0.57135	0.747093	0.764763	0.444412	NA	
	5.544789	0.470174	0.881767	0.533218	0.593883	NA	
	0.49187	2.136088	3.895953	0.548284	0.583497	NA	
	44.35985	0.321185	0.357295	0.898936	0.368687	NA	
	3.485094	0.068354	1.03024	0.066348	0.947101	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	1.216035	2.309201	2.192558	1.053199	0.29225	NA	
	39.1865	0.423732	0.343036	1.235238	0.216742	NA	

	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	2.838978	0.674599	1.221319	0.552353	0.580706	NA	
	5.759886	0.070468	0.836531	0.084238	0.932867	NA	
MAP3K14-/	9.792401	0.165158	0.666267	0.247886	0.804223	NA	
	129.1104	0.219518	0.286317	0.766698	0.443261	0.603336	
	98.92001	-0.49962	0.240368	-2.07858	0.037656	0.115375	
	2.812004	-0.45922	1.221993	-0.3758	0.707067	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	7.252257	0.897188	0.940553	0.953894	0.340137	NA	
	0.872321	0.678609	2.011629	0.337343	0.735858	NA	
	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
RPL23AP77	0.394291	0.298745	3.141711	0.09509	0.924243	NA	
	1.851522	1.481591	1.522604	0.973064	0.330521	NA	
	1.04716	1.17329	2.006462	0.584756	0.558712	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	22.13307	-0.38281	0.448427	-0.85367	0.393285	NA	
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA	
	5.447125	0.7082	0.947773	0.747225	0.454927	NA	
	121.2241	-0.60043	0.237873	-2.52415	0.011598	0.0521	
	1.401939	1.712015	1.808509	0.946644	0.34382	NA	
	144.548	0.151496	0.227433	0.666115	0.505338	0.65473	
	0.69238	0.295083	2.603008	0.113362	0.909743	NA	
SLC25A1P5	0.681461	0.491544	3.066278	0.160307	0.87264	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.834389	1.638864	2.19944	0.745128	0.456195	NA	
LINC00906	38.40108	-0.49335	0.484277	-1.01874	0.308325	NA	
	1.1119	0.46633	1.933926	0.241131	0.809453	NA	
	4.374021	0.272612	1.024158	0.266181	0.7901	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA	
	0.47803	0.520083	2.97881	0.174594	0.861399	NA	
	677.1642	-0.40304	0.150269	-2.68215	0.007315	0.038363	
SH3GL1P3	15.49571	0.897078	0.567186	1.581629	0.113734	NA	
RPL9P29	2.475063	-0.0703	1.293957	-0.05433	0.956675	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
KCNJ2-AS1	2.471967	1.085049	1.29937	0.835057	0.403685	NA	
	0.551292	-1.76878	3.219819	-0.54934	0.582772	NA	
	2.483959	0.688835	1.405878	0.489968	0.624157	NA	
	0.460669	-0.62593	3.398671	-0.18417	0.853882	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
LINC00669	9.381958	0.530982	0.715187	0.742438	0.457822	NA	

	0.994194	-0.63787	1.893391	-0.33689	0.736198	NA
	10.22396	0.695279	0.893195	0.778418	0.436323	NA
	2.966358	-0.41178	1.111022	-0.37063	0.710909	NA
	2.609049	0.194659	1.234738	0.157652	0.874731	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	16.39913	0.105211	0.534987	0.196661	0.844093	NA
	11.89516	-0.3051	0.610057	-0.50012	0.616988	NA
	1.911373	2.164016	1.571809	1.376768	0.168584	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.36261	1.545046	1.790867	0.862736	0.388282	NA
	4.000069	0.692654	1.072448	0.645862	0.518369	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.577572	0.419799	1.057528	0.396962	0.691395	NA
	5.363563	-0.20328	0.904002	-0.22486	0.822086	NA
	0.738188	1.39874	2.317793	0.603479	0.54619	NA
	12.14299	0.225915	0.603546	0.374313	0.708171	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.921973	-0.39508	1.48345	-0.26632	0.789989	NA
	1.102655	0.449766	1.809137	0.248608	0.803664	NA
	1.878884	-0.09816	1.5128	-0.06488	0.948266	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1031.162	-0.51485	0.156109	-3.29802	9.74E-04	0.010161
	0.586491	2.39072	2.689057	0.889055	0.373973	NA
	23.87511	-0.23393	0.461365	-0.50704	0.612124	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF571-AS	25.81548	-0.15685	0.51323	-0.30562	0.759893	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	7.200528	0.033883	0.888804	0.038122	0.96959	NA
	1.312622	0.801445	1.708401	0.46912	0.638984	NA
	22.99658	0.166786	0.449851	0.370759	0.710817	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	12.18294	-0.46438	0.704324	-0.65932	0.509688	NA
	8.703154	0.583345	0.704372	0.828178	0.40757	NA
	1.754236	-0.4131	1.535881	-0.26897	0.787956	NA
CIRBP-AS1	16.13526	0.049529	0.595367	0.08319	0.9337	NA
	2.922863	0.302936	1.270293	0.238478	0.811511	NA
	6.575728	0.590007	0.850216	0.693949	0.487714	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA
	4.147151	0.187879	1.008974	0.186208	0.852282	NA
	4.917602	0.294334	0.911693	0.322843	0.746814	NA
	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
MIR24-2	123.5918	0.527495	0.267658	1.970782	0.048749	0.136462

	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	106.0453	4.53E-04	0.321814	0.001406	0.998878	0.999384
	0.856337	0.757304	2.453242	0.308695	0.757553	NA
MIR497HG	0.841063	-2.08438	2.306687	-0.90362	0.366195	NA
	1.75409	0.304005	1.445805	0.210267	0.83346	NA
S1PR2	133.3907	-0.44506	0.226364	-1.96614	0.049282	0.137306
	4.699603	-0.31381	1.057638	-0.29671	0.76669	NA
	0.696104	-0.93034	2.354268	-0.39517	0.692715	NA
	2.469446	1.232821	1.849878	0.666433	0.505134	NA
	6.892755	0.530413	0.884009	0.600009	0.5485	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	3.000933	0.439498	1.288042	0.341214	0.732942	NA
	0.558248	0.982076	2.804738	0.350149	0.726227	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.70851	-1.62753	2.686091	-0.60591	0.544574	NA
	0.984506	0.880958	2.062676	0.427094	0.669311	NA
	95.09136	-0.26611	0.25063	-1.06176	0.288344	0.454443
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC00907	1.249194	-0.07766	2.009285	-0.03865	0.969167	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
CYP4F24P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
CCL15	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.879205	-0.27615	2.437194	-0.11331	0.909788	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	8.98481	-0.18923	0.77819	-0.24316	0.80788	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.488709	2.119056	3.307564	0.64067	0.521737	NA
	2.69718	0.917905	1.306194	0.702733	0.482222	NA
	4.92034	0.681943	0.972015	0.701576	0.482943	NA
	3.04257	-1.64089	1.17621	-1.39506	0.162997	NA
	1.668917	-0.52368	1.657435	-0.31596	0.752033	NA
	4.752471	-0.07868	0.996345	-0.07897	0.937056	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FDX1L	5.525269	-0.50035	0.92654	-0.54002	0.58918	NA

THA1P	0.520316	2.239969	3.173769	0.705776	0.480328	NA
EIF5AP2	2.239849	1.762932	1.548313	1.138615	0.254864	NA
	2.608215	-0.61314	1.305052	-0.46982	0.638481	NA
	2.896309	-0.57467	1.356537	-0.42363	0.671834	NA
	80.0589	0.332255	0.293576	1.13175	0.257739	0.421856
SHC1P2	2.982677	0.677647	1.383657	0.489751	0.62431	NA
TAF9P3	0.640406	1.11402	2.710977	0.410929	0.681124	NA
	1.656308	0.122105	1.513683	0.080667	0.935707	NA
	1.460595	1.079353	1.826252	0.591021	0.554506	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	1.007445	3.175243	2.206758	1.438872	0.150187	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	2.060404	0.103335	1.531879	0.067456	0.946219	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
UBE2L4	0.558248	0.982076	2.804738	0.350149	0.726227	NA
FAM60CP	0.833012	0.681553	2.203157	0.309353	0.757053	NA
	10.96746	0.144534	0.750727	0.192525	0.847331	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.667722	-2.06177	1.8579	-1.10973	0.267114	NA
	10.5736	0.214699	0.705771	0.304205	0.760972	NA
RPS10P27	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.425973	0.261345	1.671539	0.15635	0.875757	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	2.579033	0.807412	1.498533	0.538801	0.590024	NA
	0.924655	-0.07191	2.416297	-0.02976	0.976257	NA
	1.675509	0.299267	1.519489	0.196952	0.843865	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.702704	-0.96991	1.494987	-0.64877	0.516485	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	4.730268	0.32851	1.029675	0.319043	0.749694	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SMIM22	1.045523	1.534279	2.413816	0.635624	0.525022	NA
LIN37	55.41202	-0.01664	0.309556	-0.05375	0.957137	0.976409
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.439708	-0.40936	1.093232	-0.37445	0.708072	NA
NDUFA7	18.88465	-0.16808	0.488377	-0.34415	0.730731	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	6.163083	0.672026	0.903656	0.743675	0.457073	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA

	1.404468	-0.26803	1.627787	-0.16466	0.869211	NA
	36.93261	-0.40937	0.36562	-1.11967	0.262855	NA
SNX6P1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	5.524828	-0.77281	0.965633	-0.80032	0.423526	NA
MIR3188	3.718735	-0.27607	1.052401	-0.26233	0.79307	NA
	3.533501	0.327098	1.060446	0.308453	0.757738	NA
	21.01519	-0.11726	0.471104	-0.24891	0.803432	NA
	0.97663	-0.60197	1.931737	-0.31162	0.755327	NA
	6.52162	-0.30015	0.869449	-0.34522	0.72993	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.870886	-0.53073	2.310896	-0.22966	0.818353	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	24.08065	-0.15607	0.492331	-0.317	0.751243	NA
PCGF7P	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	0.697685	-0.92563	2.353044	-0.39338	0.694041	NA
	4.556933	-0.54654	0.937162	-0.58319	0.559765	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.87074	0.675988	2.012127	0.335957	0.736903	NA
	8.40724	0.988444	0.704051	1.403938	0.160337	NA
EEF1A1P7	1.327411	-0.52458	1.752811	-0.29928	0.764727	NA
	5.353123	-0.51005	0.852881	-0.59803	0.549822	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	5.476242	1.138662	0.874968	1.301376	0.19313	NA
VN1R81P	3.086141	1.915777	1.285352	1.490469	0.136101	NA
	34.68971	0.255394	0.3681	0.693815	0.487798	NA
	1.935667	0.621898	1.421215	0.437582	0.661689	NA
FENDRR	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HAVCR1P1	0.596179	-0.09275	3.146759	-0.02948	0.976485	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
VN1R83P	1.06136	2.032712	2.134262	0.952419	0.340884	NA
	1.757959	-1.11865	1.765356	-0.63367	0.526298	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	4.365372	-0.38823	0.998997	-0.38862	0.697554	NA
	34.41337	0.357834	0.367152	0.974621	0.329748	NA
	1.340865	1.498962	1.835156	0.816804	0.41404	NA
LINC00664	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.710076	0.325008	1.719316	0.189033	0.850067	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.802985	0.54709	2.208262	0.247747	0.80433	NA

SCGB1B2P	2.640025	-0.78976	1.201548	-0.65728	0.510998	NA
	0.980928	1.403548	2.471832	0.567817	0.570159	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	17.36913	-0.60087	0.519539	-1.15655	0.247457	NA
	1.12045	-2.80351	2.29454	-1.22182	0.221777	NA
	2.916778	0.365893	1.286424	0.284426	0.776084	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	6.455038	1.650753	0.869854	1.897735	0.057731	NA
	2.604609	0.322508	1.355816	0.23787	0.811982	NA
	0.872467	-0.54278	2.536752	-0.21397	0.830573	NA
	2.13647	-1.01226	1.463792	-0.69153	0.48923	NA
	1.024017	0.177191	1.894522	0.093528	0.925484	NA
	3.847304	-0.05962	1.155266	-0.05161	0.958843	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
VN1R82P	1.880917	0.013191	1.501705	0.008784	0.992991	NA
KRT18P40	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	4.556986	-0.9973	0.972209	-1.02581	0.30498	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	65.35623	-0.70487	0.36181	-1.94819	0.051392	0.141162
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CALR3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.433526	1.662906	2.25556	0.737247	0.460972	NA
	1.946529	0.580056	1.523353	0.380776	0.70337	NA
HNRNPA1P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	148.8384	-0.15707	0.250777	-0.62633	0.531098	0.675555
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.035535	0.108936	1.514714	0.071918	0.942667	NA
	1.292283	-0.48427	1.713883	-0.28256	0.777517	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FBXO17	366.0585	-0.47234	0.183008	-2.581	0.009851	0.046728
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	5.767615	0.534273	0.839593	0.636348	0.52455	NA
	3.09931	1.591108	1.214998	1.309556	0.190346	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.472105	-0.40473	1.415547	-0.28592	0.77494	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ITGB1P1	21.13367	1.391622	0.472599	2.944616	0.003234	NA
RAB11B-AS	66.95044	0.313139	0.326852	0.958044	0.33804	0.506825
	2.631357	-0.16789	1.252809	-0.13401	0.893397	NA
	11.76312	0.426432	0.597901	0.713215	0.475713	NA

	5.357264	-1.17127	1.116132	-1.0494	0.293993	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	1.684994	-0.19875	1.503821	-0.13217	0.894853	NA
	19.41254	0.475435	0.532904	0.892158	0.372308	NA
	17.05399	0.272332	0.549136	0.495928	0.619945	NA
	0.556667	0.972496	2.522454	0.385536	0.699841	NA
	1.204307	-1.1284	2.006461	-0.56238	0.573855	NA
	12.91087	-0.09067	0.592552	-0.15302	0.878383	NA
	3.172629	-0.68317	1.163065	-0.58739	0.556942	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.650297	-2.03865	2.649751	-0.76937	0.441671	NA
TDGF1P7	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	13.79184	-0.78766	0.725959	-1.085	0.277923	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.814253	-1.23545	2.246777	-0.54988	0.582405	NA
	3.508187	1.077206	1.132163	0.951458	0.341372	NA
	0.575812	0.936922	2.776634	0.337431	0.735792	NA
	4.990142	1.55494	0.960961	1.618109	0.105639	NA
	8.767932	-0.76135	0.796575	-0.95578	0.339184	NA
	0.87074	0.675988	2.012127	0.335957	0.736903	NA
	0.956409	-1.29092	2.212928	-0.58335	0.559655	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PLEKHA3P1	2.912646	-0.38294	1.188788	-0.32212	0.747358	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.931458	-0.90132	1.377069	-0.65452	0.512777	NA
	1.768879	-0.85345	1.581407	-0.53968	0.58942	NA
	64.90373	-0.42551	0.337934	-1.25916	0.207972	0.365314
	7.153534	0.025206	0.818849	0.030782	0.975444	NA
	0.824933	-0.18668	2.233587	-0.08358	0.933393	NA
EGLN2	293.6081	-0.28271	0.183353	-1.5419	0.123097	0.257058
DPM1	683.5853	0.662703	0.165784	3.997397	6.40E-05	0.001922
SEMA3F	6.839683	0.531363	0.818812	0.648944	0.516375	NA
CYP26B1	3.317413	0.228639	1.083213	0.211075	0.832829	NA
ALS2	1036.35	0.124799	0.140209	0.890095	0.373415	0.539792
CASP10	44.02085	-0.42194	0.37375	-1.12895	0.25892	NA
CFLAR	532.2376	-0.00122	0.179168	-0.00682	0.99456	0.997674
TFPI	125.8824	0.414499	0.270042	1.534945	0.124797	0.259602
NDUFAF7	391.6278	1.00315	0.211165	4.750542	2.03E-06	2.51E-04
RBM5	1451.444	0.280171	0.138568	2.021901	0.043187	0.126625
RBM6	893.6013	0.50127	0.157906	3.174484	0.001501	0.013573
ZMYND10	32.33838	-0.30597	0.445227	-0.68722	0.491947	NA
GCFC2	279.4384	0.623558	0.213735	2.917443	0.003529	0.023518
WDR54	603.9808	-0.21116	0.160133	-1.31865	0.187286	0.341474
FARP2	1959.656	-0.54617	0.163214	-3.34636	8.19E-04	0.009177
UPP2	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA

MARK4	1918.521	-0.29085	0.145897	-1.99352	0.046205	0.132085
TRAPPC6A	591.7147	-0.10252	0.193494	-0.52986	0.596208	0.726194
CACNA2D2	5.701587	0.329671	0.848434	0.388564	0.697599	NA
DLEC1	2.192461	1.275037	1.395526	0.91366	0.360895	NA
CELSR3	87.72729	-0.43028	0.285236	-1.50851	0.131424	0.268072
SS18L2	371.6285	0.436748	0.210152	2.078247	0.037687	0.115416
PGLYRP1	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
MAPK8IP2	349.6312	-0.74755	0.1668	-4.4817	7.41E-06	5.34E-04
HEATR5B	798.0647	0.11064	0.151579	0.729914	0.465443	0.622857
UQCRC1	7034.218	-0.12806	0.145994	-0.87714	0.380413	0.546642
HHATL	0.163957	0.424913	4.079006	0.104171	0.917034	NA
GIPR	59.7092	0.561842	0.308783	1.81954	0.068829	0.172582
PHF7	86.78278	-0.16151	0.296106	-0.54545	0.585441	0.718394
SEMA3G	1.716508	-0.4344	1.679058	-0.25872	0.795853	NA
NISCH	2021.707	-0.46639	0.168898	-2.76136	0.005756	0.032518
STAB1	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
FUZ	424.5154	-0.3127	0.17176	-1.82058	0.068671	0.172333
ABHD5	219.1596	0.15874	0.185585	0.855353	0.392356	0.557385
LARS2	991.5442	-0.32466	0.136396	-2.3803	0.017298	0.068678
QPCTL	1791.206	-0.2303	0.14177	-1.62447	0.104276	0.229312
PPP5C	2406.048	-0.08571	0.134728	-0.63615	0.524677	0.670408
CEP68	464.978	-0.35871	0.184454	-1.94471	0.05181	0.141718
MAP4K3	1157.186	0.936163	0.176251	5.311542	1.09E-07	3.68E-05
ERCC1	1887.326	-0.16693	0.142743	-1.16943	0.242231	0.405185
SEMA3B	1237.641	0.312578	0.627707	0.497967	0.618507	0.743274
LTF	2.373805	1.048392	1.648031	0.636148	0.52468	NA
EHD3	916.2879	-0.41356	0.157051	-2.63328	0.008456	0.042069
CLK1	873.9734	1.518504	0.217776	6.972791	3.11E-12	6.14E-09
MDH1	5490.535	0.105928	0.13885	0.762898	0.445524	0.605351
BID	733.9275	0.458049	0.18809	2.435264	0.014881	0.061701
CHDH	12.00986	-0.07489	0.744959	-0.10053	0.919923	NA
GLT8D1	1269.346	0.098432	0.13448	0.731949	0.464199	0.621537
SLC11A1	8.106394	0.922808	0.774783	1.191054	0.233632	NA
AGPS	1431.498	0.425557	0.248788	1.710521	0.08717	0.202702
ZNF806	0.996766	1.94108	2.070839	0.93734	0.348584	NA
TTC27	437.1012	-0.11552	0.175086	-0.65978	0.509392	0.657683
ZNF582	63.39683	0.602391	0.33814	1.781482	0.074834	0.18258
CYP24A1	7.431959	3.191505	1.072623	2.97542	0.002926	NA
ZFP64	577.8389	-0.35447	0.165488	-2.14199	0.032194	0.104129
SPAST	317.8265	0.403332	0.238019	1.694535	0.090164	0.207996
CPS1	1033.705	-0.17252	0.166321	-1.03727	0.299612	0.466435
RTFDC1	3400.582	-0.01459	0.139946	-0.10424	0.916979	0.951908
NLRP2	3.646653	-0.02289	1.09334	-0.02094	0.983295	NA
NDUFS1	3072.425	0.109372	0.133707	0.817999	0.413358	0.576581
ALAS1	2291.129	-0.17784	0.152074	-1.16943	0.242229	0.405185
EHD2	3589.114	-0.53624	0.145455	-3.68663	2.27E-04	0.004193
PHF20	986.1271	0.131537	0.231526	0.568129	0.569947	0.706055

TYMP	381.6914	-0.06098	0.179758	-0.33925	0.734421	0.832129
NCAPH2	1093.159	-0.26407	0.161818	-1.6319	0.1027	0.226934
TOMM34	1188.933	-0.16864	0.176466	-0.95566	0.339244	0.507923
RTEL1-TNFI	25.26852	0.083656	0.419445	0.199444	0.841916	NA
KCNG1	39.50324	0.384395	0.432962	0.887828	0.374633	NA
VRK2	306.6764	0.793897	0.251956	3.15094	0.001627	0.014249
IKZF2	32.19331	0.404545	0.50812	0.79616	0.425939	NA
TSSC1	1040.127	-0.16627	0.135237	-1.22947	0.218896	0.378502
SLC4A7	730.5294	0.382645	0.309073	1.23804	0.215701	0.374868
TMSB10	28503.75	0.061711	0.1763	0.350036	0.726312	0.826178
SH3YL1	227.2554	0.709014	0.287541	2.465781	0.013671	0.058239
FAM136A	770.9124	0.226572	0.156949	1.4436	0.148852	0.292187
CUL3	1324.824	0.573121	0.225491	2.541658	0.011033	0.050236
PNKP	1292.734	-0.16217	0.157501	-1.02967	0.303166	0.47046
RTN4R	52.30136	-0.05396	0.317794	-0.16981	0.865161	0.920317
INPP4A	788.0935	-0.07449	0.178952	-0.41628	0.677209	0.789101
PARP3	395.9921	-0.00499	0.189267	-0.02639	0.978948	0.988706
FAM65C	8.378283	-0.04796	0.730026	-0.0657	0.947616	NA
RETSAT	6267.83	-0.42355	0.140525	-3.01407	0.002578	0.019243
CAPG	5052.373	-0.14443	0.194181	-0.74379	0.457004	0.615377
AP2S1	5007.673	-0.21208	0.153884	-1.37817	0.168151	0.317983
MAP4	16914.03	-0.41347	0.16021	-2.58077	0.009858	0.046728
R3HDM1	604.0996	0.096211	0.221875	0.433628	0.664559	0.779571
LTBP1	10.41132	-0.24257	0.671983	-0.36098	0.718113	NA
NNAT	5.739124	0.075109	0.841998	0.089204	0.92892	NA
LY75	1.699972	1.5106	1.678814	0.899802	0.368225	NA
PTPRN	1.791001	-0.18165	1.567091	-0.11592	0.907718	NA
TBC1D22A	1156.895	-0.3738	0.137657	-2.71546	0.006618	0.035745
ATP9A	2554.915	-0.57388	0.158275	-3.62586	2.88E-04	0.004809
CBLN4	0.260158	1.240347	4.047124	0.306476	0.759242	NA
NOP58	507.419	0.944882	0.334703	2.823042	0.004757	0.028569
EIF2AK2	1847.073	-0.03031	0.257693	-0.1176	0.906382	0.945876
CCDC85A	109.032	0.707025	0.258426	2.73589	0.006221	0.034176
PUM2	1863.963	0.483651	0.195647	2.472056	0.013434	0.05764
ITIH4	1.349265	-1.88672	2.030501	-0.92919	0.352791	NA
ITIH1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PHF21B	1.133876	2.273059	2.072112	1.096977	0.272651	NA
IL17RB	60.35348	-0.06495	0.28688	-0.22639	0.820898	0.892334
MTA3	993.6143	-0.05878	0.162161	-0.36247	0.717002	0.81952
MXD1	234.6403	0.193014	0.195954	0.984998	0.324625	0.492617
OGFR	2226.6	-0.30254	0.147715	-2.04814	0.040546	0.121382
ACAA1	1742.2	-0.05878	0.191265	-0.30734	0.758583	0.849439
SPAG4	22.4326	-0.4794	0.459497	-1.04331	0.296804	NA
NCKAP1	4183.563	0.493038	0.18078	2.727278	0.006386	0.034791
ZNF112	78.87234	1.029944	0.347018	2.967982	0.002998	0.02114
ELMO2	1572.566	-0.46705	0.127316	-3.66843	2.44E-04	0.004387
POLD1	1034.988	-0.43239	0.172572	-2.50557	0.012225	0.054079

SLC6A16	5.531737	0.954414	0.857282	1.113302	0.265579	NA
GLTSCR1	468.1374	-0.56488	0.200661	-2.81509	0.004876	0.029006
SPHK2	1167.863	-0.36482	0.170054	-2.1453	0.031929	0.103646
RPL18	16886.79	-0.06071	0.137721	-0.4408	0.659359	0.77539
CA11	565.5366	-0.17847	0.183858	-0.97068	0.331706	0.500238
ISOC2	1811.368	-0.27741	0.137093	-2.02356	0.043016	0.126367
U2AF2	6038.568	-0.35235	0.153929	-2.28906	0.022076	0.081
EPN1	7181.13	-0.33721	0.178375	-1.89047	0.058695	0.154802
GSC2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GPC1	2646.143	-0.22758	0.165824	-1.37239	0.169941	0.320363
CASP8	303.2704	-0.14285	0.185757	-0.769	0.441895	0.601869
WISP2	563.1183	-0.05461	0.765165	-0.07138	0.943099	0.968558
CTSA	13225.6	-0.2925	0.154591	-1.89211	0.058477	0.154396
EYA2	0.594802	-1.06492	3.125073	-0.34077	0.73328	NA
BCAS1	50.91668	0.745199	0.599675	1.242671	0.213989	0.37274
PMS1	228.0468	0.921688	0.301604	3.055951	0.002243	0.017406
CALCRL	30.36395	0.65725	0.391132	1.680379	0.092884	NA
ANKRD44	482.9763	0.461308	0.177866	2.593574	0.009498	0.04557
ZC3H15	890.2989	1.041185	0.252379	4.125473	3.70E-05	0.001391
ASB1	1034.96	-0.18477	0.152473	-1.21184	0.225574	0.386778
MTHFD2	587.5073	0.274867	0.153849	1.786599	0.074002	0.181485
CTNNA2	62.4348	0.198523	0.338314	0.586802	0.557337	0.696283
NGEF	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SP100	2023.702	0.576229	0.229886	2.506579	0.012191	0.054008
RHOA	19397.94	-0.20116	0.145983	-1.37797	0.168212	0.318046
HYAL2	1096.616	-0.22559	0.139998	-1.61141	0.10709	0.233566
HDAC4	1034.34	-0.31346	0.154415	-2.03	0.042356	0.125189
RASSF1	2146.86	0.042501	0.204431	0.207898	0.835309	0.901464
REEP1	1.6765	1.961523	1.654439	1.185612	0.235775	NA
POLR1A	2988.509	-0.61956	0.16811	-3.68544	2.28E-04	0.004196
LAPTM4A	9609.698	-0.05224	0.135162	-0.38652	0.699112	0.806443
TTC7A	305.5758	-0.10057	0.190236	-0.52868	0.597025	0.726799
IP6K2	1262.312	0.162353	0.138187	1.174878	0.240044	0.403304
STON1-GTF	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
SRBD1	477.898	0.301636	0.1575	1.915155	0.055473	0.148819
PSME4	1528.075	0.142446	0.151947	0.937469	0.348517	0.516513
ERLEC1	1474.623	0.487238	0.147247	3.308971	9.36E-04	0.009929
BCL3	120.2924	-0.85179	0.27066	-3.14708	0.001649	0.014322
CECR5	1315.993	-0.17393	0.168348	-1.03315	0.301533	0.468442
UFD1L	2204.537	0.208834	0.163812	1.274843	0.202365	0.358744
CLTCL1	256.728	-0.37969	0.180435	-2.10431	0.035351	0.110724
DGCR2	2466.303	-0.40228	0.132606	-3.03365	0.002416	0.018279
RAD18	443.3956	0.691333	0.201774	3.426265	6.12E-04	0.007685
NCK2	3396.681	0.002089	0.156893	0.013317	0.989375	0.994829
MAP4K4	4201.226	0.110464	0.13098	0.843372	0.39902	0.563807
MGAT4A	108.4141	0.457094	0.309998	1.474507	0.140345	0.280568
RPL31	17300.95	0.448776	0.16114	2.785015	0.005353	0.031044

LMCD1	569.1795	-0.12878	0.154957	-0.83108	0.405928	0.56977
TRIB2	5631.448	-0.35692	0.171279	-2.08387	0.037172	0.11443
MYO3B	20.11441	0.14271	0.490772	0.290787	0.771214	NA
CYBRD1	8159.668	0.442613	0.190493	2.323514	0.020152	0.07613
PTPN18	1586.827	-0.28478	0.13836	-2.05825	0.039566	0.119444
LIMS2	1360.444	-0.25208	0.158637	-1.58902	0.112056	0.240482
ASIC4	1.189169	2.260443	1.954925	1.156281	0.247566	NA
SPEG	34.48522	0.414857	0.414693	1.000396	0.317119	NA
TRNT1	285.2607	0.70532	0.189158	3.728731	1.92E-04	0.003796
PVR	1026.964	-0.20616	0.136779	-1.50726	0.131743	0.268537
PANX2	182.3974	0.152792	0.264357	0.577976	0.56328	0.701302
	875.1048	-0.28932	0.158034	-1.83072	0.067142	0.169494
GLI2	6.286122	-0.29733	0.900236	-0.33028	0.741188	NA
CLASP1	3043.796	-0.18553	0.137103	-1.35322	0.175984	0.328121
TEAD2	1253.621	-0.18171	0.16249	-1.11826	0.263455	0.427785
BCS1L	813.2662	-0.23722	0.135091	-1.75599	0.07909	0.1898
GTSE1	754.5004	-0.50089	0.266622	-1.87866	0.060291	0.157746
TTC38	1065.602	-0.31965	0.157892	-2.0245	0.042919	0.12616
GRAMD4	1384.207	-0.33308	0.20669	-1.61147	0.107077	0.233566
CELSR1	409.08	-0.831	0.266661	-3.11631	0.001831	0.015235
ZNF638	987.2873	0.74611	0.322783	2.311488	0.020806	0.077845
ADD2	0.662557	-0.83483	2.671964	-0.31244	0.754706	NA
FOSL2	1415.498	-0.3206	0.194865	-1.64525	0.099919	0.223198
TMEM131	1157.589	-0.1234	0.188061	-0.65614	0.511731	0.659436
ARHGAP15	146.4261	0.490722	0.279879	1.753339	0.079544	0.190609
TUBA3D	2.2421	-1.81358	1.684218	-1.07681	0.281565	NA
EXOSC7	737.4966	-0.01357	0.139143	-0.09751	0.922325	0.955032
MKRN2	1164.639	0.010645	0.139246	0.076448	0.939062	0.966202
MCM6	785.9761	0.105952	0.229971	0.46072	0.645	0.764112
PTPN23	2466.046	-0.68439	0.152781	-4.47952	7.48E-06	5.34E-04
MLH1	1190.152	-0.1049	0.137324	-0.76391	0.444922	0.60481
DGKD	534.431	-0.32556	0.203032	-1.60347	0.10883	0.235864
RARB	384.7089	0.314562	0.271063	1.160475	0.245855	0.409012
TOP2B	1746.349	0.56309	0.575718	0.978065	0.328042	0.496228
DNAJC10	1696.429	0.730184	0.23866	3.059514	0.002217	0.017291
DYNC1I2	2099.082	0.390409	0.163661	2.385482	0.017057	0.067932
SMC1B	0.533728	-1.74213	2.820432	-0.61768	0.536785	NA
FBLN1	146.0093	0.082512	0.306908	0.268849	0.788046	0.871362
CST7	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MAP2	1059.652	0.428453	0.254251	1.685158	0.091958	0.210878
FAP	912.2307	0.999529	0.192437	5.194059	2.06E-07	5.27E-05
CBFA2T2	534.9899	-0.55623	0.170549	-3.26144	0.001108	0.01108
ITCH	1330.246	0.43658	0.170164	2.565638	0.010299	0.048042
TP53INP2	2556.13	-0.24164	0.183453	-1.3172	0.187772	0.341836
MYH7B	6.412846	-0.16944	0.858777	-0.19731	0.843587	NA
FKBP7	1020.106	0.428459	0.167031	2.565145	0.010313	0.048042
OSBPL6	254.5149	-0.11563	0.211923	-0.54561	0.585336	0.718394

XRCC5	9544.016	0.108512	0.13881	0.78173	0.434373	0.595539
SP140	0.739585	2.778432	2.852922	0.97389	0.330111	NA
TNS1	6748.315	-1.14915	0.256519	-4.47977	7.47E-06	5.34E-04
DDX1	2779.503	0.464391	0.157569	2.947228	0.003206	0.0221
RABL2B	137.9196	0.041032	0.214738	0.191078	0.848464	0.909699
PTPRH	338.3053	-0.28267	0.201695	-1.40145	0.161078	0.308595
SLC35C2	1569.704	-0.19592	0.138121	-1.41846	0.156058	0.301904
RIF1	493.3022	0.944425	0.771068	1.224826	0.220641	0.38052
RBL1	275.6138	0.595341	0.226676	2.626395	0.008629	0.042733
DLGAP4	2165.55	-0.16526	0.206098	-0.80184	0.422644	0.58499
COL4A4	3.672979	1.928605	1.26448	1.525215	0.127205	NA
STK17B	597.8744	0.620858	0.197239	3.147744	0.001645	0.014318
LRP2	21.96771	-0.95508	0.595465	-1.60392	0.108732	NA
MPP4	21.94812	-0.25916	0.489652	-0.52928	0.596613	NA
STRADB	1494.868	-0.18343	0.129842	-1.41274	0.157734	0.304153
BZW1	1420.73	0.399004	0.204006	1.955849	0.050483	0.139472
CCNT2	484.9817	0.973775	0.208047	4.680555	2.86E-06	2.97E-04
COBLL1	529.1731	0.418524	0.276913	1.511389	0.130689	0.267092
XPO1	3908.567	0.514444	0.186676	2.755811	0.005855	0.032848
SLC27A5	167.3652	-0.36415	0.244531	-1.48919	0.136437	0.275453
ZNF324	308.0152	-0.3294	0.190609	-1.72812	0.083966	0.197425
ZNF671	238.6439	-0.12741	0.182735	-0.69724	0.485651	0.639244
ZNF416	150.7913	-0.23211	0.212161	-1.09402	0.273946	0.439786
ZNF586	148.8713	0.043151	0.208543	0.206916	0.836075	0.901643
ZNF446	136.1291	-0.21779	0.226995	-0.95943	0.337342	0.506162
	10.60205	-0.5146	0.638857	-0.80549	0.420534	NA
ZNF264	131.2006	-0.51159	0.268639	-1.90438	0.05686	0.151138
RPS5	17049.43	-0.00637	0.147921	-0.04308	0.965638	0.981198
STARD7	5312.181	-0.40166	0.142654	-2.81564	0.004868	0.028977
NCOA1	732.3359	-0.03216	0.177237	-0.18146	0.856006	0.914395
AGBL5	1343.415	-0.20027	0.171131	-1.17026	0.241895	0.404924
EFR3B	603.684	-1.08932	0.217797	-5.00155	5.69E-07	1.12E-04
KIF3C	3721.713	-0.39054	0.175312	-2.22769	0.025901	0.090178
RAB10	3318.361	0.142243	0.181436	0.783984	0.43305	0.59425
HADHA	12600.94	-0.16082	0.129741	-1.23953	0.21515	0.374251
MAPRE3	766.2214	-0.26311	0.162444	-1.61971	0.105294	0.231073
CAD	2265.767	-0.67549	0.172953	-3.9056	9.40E-05	0.002438
WDFY1	5490.399	0.101033	0.241936	0.417604	0.676237	0.788433
MTIF2	614.5464	0.598059	0.199864	2.992325	0.002769	0.020111
ATG16L1	888.2918	-0.03339	0.155339	-0.21495	0.829805	0.897322
USP40	777.8736	-0.10272	0.190225	-0.53999	0.589207	0.721298
PPP1R15A	5915.513	0.032916	0.181103	0.181754	0.855776	0.914347
HSD17B14	532.9394	-0.10635	0.158268	-0.67197	0.501603	0.652172
FTL	50435.1	-0.00278	0.150982	-0.01839	0.985326	0.992273
BAX	4182.086	-0.23158	0.165179	-1.40197	0.160924	0.308498
GMCL1	602.7353	0.289083	0.151389	1.909539	0.056193	0.150029
GNAS	30789.78	0.04693	0.146539	0.320257	0.748773	0.842272

PHACTR3	20.49229	0.809677	0.592772	1.365918	0.171965	NA
TFAP2C	766.5722	0.331396	0.212932	1.556348	0.119625	0.251537
AURKA	1035.993	-0.0187	0.232146	-0.08056	0.935793	0.964049
CASS4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SULT2B1	9.14016	-0.26618	0.760316	-0.3501	0.726266	NA
CNOT3	1104.895	-0.39823	0.158361	-2.5147	0.011914	0.053101
GP6	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
PTPN4	296.0567	0.773673	0.199856	3.871159	1.08E-04	0.002703
DDX18	1216.103	0.752654	0.191691	3.926391	8.62E-05	0.002334
EDEM2	1247.996	-0.26084	0.154175	-1.69185	0.090674	0.208808
DNMT3B	55.90225	-0.17943	0.343746	-0.52198	0.601682	0.730909
REM1	2.275383	0.887859	1.613783	0.550173	0.582201	NA
TPX2	2369.1	-0.29209	0.18701	-1.56191	0.11831	0.249699
FER1L4	2.403594	1.045512	1.350445	0.774198	0.438814	NA
PDRG1	549.8635	0.135543	0.195192	0.69441	0.487425	0.64041
EPB41L1	330.7488	0.005997	0.177878	0.033712	0.973107	0.985082
DOCK3	9.731736	0.678875	0.6911	0.982311	0.325947	NA
C3orf18	656.4549	-0.33768	0.152305	-2.21715	0.026613	0.091632
TMEM40	0.661122	-3.06315	2.98049	-1.02773	0.304076	NA
KIF9	97.4837	-0.17496	0.241649	-0.72401	0.469062	0.625504
CRLS1	647.8311	0.162017	0.146188	1.108277	0.267742	0.432672
ATRN	2699.093	-0.21643	0.13797	-1.56865	0.11673	0.247157
SMOX	395.1699	-0.33291	0.156331	-2.1295	0.033213	0.106157
SIGLEC1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FKBP1A	16466.71	-0.07433	0.179504	-0.41409	0.678808	0.790421
NSFL1C	1396.15	-0.19558	0.139363	-1.40337	0.160507	0.308029
SLC4A11	379.0373	-0.05217	0.276269	-0.18885	0.85021	0.910747
C20orf194	769.1359	-0.19956	0.187434	-1.06468	0.287019	0.453378
ZNF343	177.5546	0.19466	0.191311	1.017504	0.308914	0.476225
EBF4	49.74195	0.379456	0.380703	0.996724	0.318898	0.486797
CPXM1	1.42761	0.468916	1.645385	0.284989	0.775653	NA
MAVS	2204.538	-0.56846	0.164082	-3.4645	5.31E-04	0.007022
	374.7149	-0.1982	0.177096	-1.11918	0.263063	0.4275
XRN2	2865.68	0.269096	0.143015	1.881592	0.059891	0.157094
PLK1S1	204.8344	0.624907	0.243629	2.564999	0.010318	0.048042
SNX5	1759.181	0.296348	0.140868	2.103722	0.035403	0.110826
ESF1	239.0991	1.01507	0.985353	1.030158	0.302936	0.470374
RBBP9	657.4135	-0.13572	0.150821	-0.89985	0.368198	0.535318
SLC23A2	7032.093	-0.17253	0.178118	-0.96864	0.332725	0.50106
TMEM230	4067.859	-0.09498	0.131742	-0.72095	0.47094	0.627233
DZANK1	53.80778	0.040034	0.316408	0.126526	0.899315	0.940983
C20orf26	673.2339	-0.79105	0.263109	-3.00655	0.002642	0.019492
TASP1	329.4156	0.515435	0.187706	2.745967	0.006033	0.03358
KIF16B	647.6182	0.396533	0.214177	1.851425	0.064108	0.164717
TRMT6	390.5727	0.540823	0.185643	2.913237	0.003577	0.02377
CHGB	0.652666	2.537288	2.975981	0.852589	0.393887	NA
PCBP4	1996.344	-0.15124	0.235413	-0.64246	0.520576	0.667614

STRN4	3232.433	-0.4152	0.137038	-3.02985	0.002447	0.018487
FLT3LG	97.34813	-0.00128	0.280394	-0.00455	0.996366	0.998387
NAT14	2071.426	-0.1566	0.186848	-0.83809	0.401979	0.566508
NLRC4	4.34678	1.079787	1.068213	1.010835	0.312095	NA
CMTM6	1294.651	0.212322	0.181968	1.166807	0.243288	0.406166
ITGA6	2570.712	0.315964	0.184639	1.711254	0.087034	0.20251
RAPGEF4	51.11787	0.591355	0.327205	1.807291	0.070717	0.17579
	777.0765	0.445395	0.160691	2.771754	0.005576	0.031939
DAZL	0.096202	0.408546	4.079639	0.100143	0.920231	NA
COL9A3	1483.783	0.88294	0.353822	2.495434	0.01258	0.055074
NUP50	936.5829	0.471853	0.16601	2.842325	0.004479	0.027376
CDC45	282.0384	-0.15125	0.242969	-0.62251	0.533607	0.677477
COMT	4876.74	-0.17694	0.14031	-1.26107	0.207284	0.364376
CECR1	1059.876	-0.75896	0.171688	-4.42059	9.84E-06	6.26E-04
	5.364803	0.666836	0.881766	0.75625	0.449499	NA
LRRFIP2	1906.72	0.696352	0.161498	4.311824	1.62E-05	8.27E-04
SEC22C	2056.947	0.028241	0.143981	0.196142	0.844499	0.907349
XYLB	266.1104	-0.10003	0.254076	-0.3937	0.693805	0.802601
MSH2	411.7459	0.411921	0.271888	1.515038	0.129763	0.266024
IL11	7.048518	1.175	0.80953	1.45146	0.146652	NA
MZF1	165.4147	-0.18895	0.277786	-0.68021	0.496374	0.647636
ARVCF	183.0082	-0.18551	0.254495	-0.72892	0.46605	0.623178
TRMT2A	1121.899	-0.07598	0.137489	-0.55265	0.580501	0.714368
RANBP1	2378.094	-0.06821	0.187379	-0.36402	0.715844	0.81867
ZDHHC8	1373.656	-0.38694	0.13129	-2.94723	0.003206	0.0221
KLHL22	699.2547	-0.45404	0.158128	-2.87134	0.004087	0.025773
MED15	5692.999	-0.41281	0.18356	-2.24889	0.02452	0.086719
SERPIND1	0.816972	0.936457	2.589651	0.361615	0.71764	NA
SNAP29	1951.791	-0.09782	0.132924	-0.73592	0.46178	0.620048
CRKL	1814.286	-0.30224	0.171361	-1.76375	0.077774	0.187707
LZTR1	2811.641	-0.23262	0.125877	-1.84797	0.064607	0.165674
MMP11	55.17287	0.140821	0.353814	0.398008	0.690625	0.799546
CECR2	57.99951	-0.64021	0.322546	-1.98486	0.04716	0.133679
SMARCB1	2626.646	-0.28381	0.120488	-2.35553	0.018496	0.071682
P2RX6	132.1389	-0.13793	0.224674	-0.6139	0.53928	0.681722
DERL3	22.4545	-0.09899	0.432088	-0.22911	0.818787	NA
SLC7A4	177.6395	-0.20388	0.218417	-0.93345	0.350589	0.518492
BCL2L13	3053.455	-0.15504	0.149437	-1.03747	0.299518	0.466411
DDTL	23.63038	0.318821	0.446014	0.714823	0.474719	NA
DDT	1.147231	-0.4269	2.00528	-0.21289	0.831415	NA
GSTT2	42.44455	0.322327	0.338696	0.95167	0.341264	NA
CABIN1	2090.309	-0.72463	0.166209	-4.35971	1.30E-05	7.21E-04
TBC1D10A	635.7927	-0.26492	0.149775	-1.76878	0.07693	0.186347
SUSD2	45.42746	-0.64775	0.39129	-1.65541	0.09784	NA
SF3A1	3452.411	-0.57786	0.144203	-4.00723	6.14E-05	0.001863
RNF215	154.5786	-0.07161	0.211968	-0.33781	0.735503	0.832559
SEC14L2	273.4851	-0.01965	0.247805	-0.07928	0.936809	0.964637

SPECC1L	786.5571	0.100944	0.147053	0.686441	0.492435	0.643732
PPIL2	1040.232	-0.43394	0.144073	-3.01192	0.002596	0.019343
UPB1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
YPEL1	58.80584	-0.14041	0.362659	-0.38718	0.698626	0.806212
SNRPD3	1482.703	0.01907	0.152905	0.124715	0.900749	0.941822
PES1	2554.931	-0.2916	0.147749	-1.97362	0.048425	0.135798
MAPK1	6941.204	0.040515	0.113553	0.356795	0.721245	0.822641
GGT1	83.49724	-0.5492	0.271637	-2.02182	0.043195	0.126625
PRODH	11.1522	0.062772	0.740137	0.084811	0.932412	NA
PPM1F	2069.246	-0.49402	0.143647	-3.4391	5.84E-04	0.007456
SLC35E4	319.7166	-0.07021	0.224561	-0.31267	0.754528	0.846873
TOP3B	462.016	-0.24344	0.185583	-1.31176	0.1896	0.343844
CYTH4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
DGCR14	755.8093	-0.31937	0.152683	-2.09173	0.036463	0.113084
CRYBB2P1	550.7038	-0.01636	0.14606	-0.11204	0.910789	0.948139
CARD10	37.04387	-0.58163	0.473617	-1.22807	0.219421	NA
LRP5L	23.29146	-0.11624	0.435361	-0.26701	0.789463	NA
SLC25A1	4576.228	-0.32259	0.132668	-2.43154	0.015035	0.062124
ADRBK2	219.6128	-0.13677	0.23977	-0.57043	0.568389	0.705133
LGALS2	7.476712	0.61834	0.835061	0.740473	0.459013	NA
GGA1	2007.339	-0.44288	0.153894	-2.87786	0.004004	0.025436
HIRA	295.9834	-0.16346	0.183549	-0.89056	0.373168	0.539764
SH3BP1	383.4107	-0.22836	0.163199	-1.39924	0.161741	0.309415
SEZ6L	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LGALS1	42924.75	-0.13236	0.154699	-0.85561	0.392214	0.557321
HPS4	5023.625	-0.32242	0.254005	-1.26933	0.204323	0.360991
PIK3IP1	1019.414	-0.1394	0.160408	-0.86904	0.384827	0.550782
SRRD	517.2346	0.027158	0.187015	0.14522	0.884537	0.931609
PATZ1	1088.681	-0.69897	0.14528	-4.81116	1.50E-06	2.07E-04
TRIOBP	552.7021	-0.27997	0.175607	-1.59429	0.110871	0.23892
TFIP11	1939.047	-0.11787	0.194649	-0.60557	0.544799	0.686428
GCAT	307.4934	-0.48409	0.212488	-2.27818	0.022716	0.082378
CRYBB1	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA
ANKRD54	1069.124	-0.39758	0.18137	-2.19211	0.028371	0.09539
EIF3L	8518.491	-0.17518	0.140085	-1.25054	0.211104	0.36923
NHP2L1	4552.117	-0.17338	0.146942	-1.17993	0.238029	0.401057
MICALL1	2805.547	-0.3783	0.211077	-1.79226	0.073091	0.180143
POLR2F	1990.899	0.105178	0.158755	0.662521	0.507637	0.656489
SOX10	23924.6	-0.41861	0.142254	-2.9427	0.003254	0.022326
CCDC134	164.126	-0.64331	0.262395	-2.45168	0.014219	0.059882
DEPDC5	435.9137	-0.26974	0.160378	-1.68193	0.092582	0.212008
PICK1	743.9582	-0.1733	0.14114	-1.22789	0.219488	0.379195
TTC28	408.2836	-0.60662	0.247605	-2.44997	0.014287	0.060039
SLC16A8	10.57772	0.580784	0.653007	0.889399	0.373789	NA
CENPM	406.6	-0.39266	0.23702	-1.65664	0.097593	0.219455
3-Sep	386.3211	-0.9504	0.221626	-4.28829	1.80E-05	8.68E-04
SLC5A1	0.192403	0.975392	4.060716	0.240202	0.810174	NA

TPTEP1	1.870833	1.056985	1.563681	0.67596	0.499066	NA
SLC5A4	80.8712	-0.3588	0.431409	-0.8317	0.405577	0.56959
KDELR3	1088.705	0.138859	0.195011	0.712055	0.476431	0.631494
CYP2D6	2.606992	-0.351	1.300043	-0.26999	0.787167	NA
DDX17	6647.668	0.15126	0.165946	0.9115	0.362032	0.529079
DMC1	6.845703	0.017809	0.893584	0.01993	0.9841	NA
TCF20	997.5049	-0.23492	0.175135	-1.34135	0.179808	0.332292
HSCB	156.3769	0.432222	0.222449	1.943021	0.052014	0.142177
CBY1	345.523	-0.1208	0.163303	-0.73972	0.459471	0.617857
TOMM22	1981.394	-0.19736	0.197876	-0.99738	0.318581	0.486385
RTDR1	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
XBP1	1505.61	-0.0016	0.185069	-0.00864	0.993109	0.996912
RTCB	3138.821	-0.04945	0.140124	-0.35289	0.724169	0.824799
JOSD1	1826.28	-0.20897	0.13993	-1.49336	0.135344	0.27404
FBXO7	7874.327	-0.24755	0.153014	-1.61785	0.105695	0.231481
GTPBP1	1442.525	-0.54986	0.149054	-3.68898	2.25E-04	0.004177
POLDIP3	3122.043	-0.43244	0.142481	-3.03509	0.002405	0.018243
RAB36	146.4474	-0.50268	0.288998	-1.7394	0.081964	0.194493
TIMP3	18395.72	0.350819	0.333074	1.053276	0.292215	0.458987
PPP6R2	2314.875	-0.3075	0.144201	-2.13242	0.032972	0.105731
SBF1	6769.986	-0.43575	0.176509	-2.46871	0.01356	0.057932
SUN2	2516.347	-0.49182	0.254876	-1.92965	0.05365	0.145343
CYB5R3	17994.41	-0.3411	0.131831	-2.58744	0.009669	0.046091
DNAL4	398.9228	-0.36426	0.162419	-2.24273	0.024914	0.087611
C22orf31	0.488912	0.771583	2.897678	0.266276	0.790026	NA
LMF2	2845.257	-0.37466	0.176498	-2.12275	0.033775	0.107317
RHBDD3	676.9771	-0.26507	0.155962	-1.69958	0.089209	0.206357
PACSIN2	3385.958	-0.18175	0.134344	-1.35289	0.176091	0.32818
TTLL1	405.2306	-0.36022	0.154457	-2.33218	0.019691	0.074965
RASL10A	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
AP1B1	4073.333	-0.49383	0.121227	-4.07364	4.63E-05	0.001572
HMGXB4	698.7769	0.152969	0.143	1.069714	0.284748	0.45116
TOM1	3929.305	-0.17921	0.135563	-1.32198	0.186176	0.340184
NEFH	47.81888	-0.0558	0.525103	-0.10627	0.91537	0.951141
CHKB	10.96108	0.399894	0.685686	0.583202	0.559757	NA
BIK	90.31456	0.830699	0.380465	2.183376	0.029008	0.096932
HMOX1	1146.328	0.182242	0.28723	0.634481	0.525767	0.671366
MCAT	729.7086	-0.23296	0.176107	-1.32284	0.185888	0.339711
THOC5	1056.776	-0.17234	0.147051	-1.172	0.241197	0.404398
MCM5	1649.75	-0.3157	0.197759	-1.59637	0.110405	0.238287
APOBEC3H	3.3084	-0.75637	1.272253	-0.59451	0.55217	NA
ARSA	1655.334	-0.44462	0.140112	-3.17336	0.001507	0.013595
TSPO	11527.7	-0.14656	0.133819	-1.09522	0.273419	0.43932
RASD2	1.129907	-0.91109	1.957893	-0.46534	0.641688	NA
TTLL12	3073.854	-0.17614	0.152628	-1.15404	0.248483	0.412284
CBX7	384.6874	-0.07484	0.177024	-0.42275	0.672476	0.785573
PDGFB	18.03449	0.522798	0.68239	0.766127	0.443601	NA

ACR	0.928019	-0.78227	2.07134	-0.37767	0.705679	NA
CABP7	3.736352	-0.97232	1.458408	-0.6667	0.504965	NA
RPL3	41634.03	-0.08373	0.122503	-0.68353	0.494271	0.6454
ZMAT5	305.5286	-0.19216	0.216674	-0.88685	0.375158	0.541491
RBFOX2	3102.244	-0.11895	0.142923	-0.83225	0.405269	0.569451
SYNGR1	4598.232	-0.41526	0.180267	-2.3036	0.021245	0.078903
TAB1	1073.849	-0.39601	0.138018	-2.86926	0.004114	0.025903
ASCC2	1600.598	-0.27959	0.132472	-2.11057	0.034809	0.109548
MTMR3	966.2169	-0.31759	0.173065	-1.83508	0.066494	0.168462
MIEF1	2086.783	-0.29519	0.150782	-1.95773	0.050261	0.139054
APOL1	12.79325	-1.15537	0.664389	-1.739	0.082035	NA
PNPLA3	393.0694	-0.38847	0.212141	-1.83116	0.067076	0.169467
MYH9	25779.47	-0.66254	0.184216	-3.59654	3.22E-04	0.005173
CACNA1I	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SAMM50	2741.675	-0.17754	0.138382	-1.28298	0.199497	0.355802
TXN2	2370.882	-0.12382	0.124266	-0.99644	0.319035	0.48689
FOXRED2	1341.308	-0.66587	0.165488	-4.02369	5.73E-05	0.001791
GRAP2	0.888653	-1.5355	2.47141	-0.62131	0.534398	NA
EIF3D	5442.974	-0.10658	0.135672	-0.78558	0.432116	0.59339
TNRC6B	990.9371	0.04448	0.173917	0.255756	0.79814	0.877894
SGSM3	3703.889	-0.26995	0.134952	-2.00034	0.045464	0.130611
IFT27	752.4851	-0.08958	0.141394	-0.63356	0.526369	0.671846
PVALB	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
KIAA0930	24623.6	-0.56163	0.142323	-3.94615	7.94E-05	0.002205
SLC25A17	608.8494	-0.07126	0.155103	-0.45942	0.645931	0.764681
FAM118A	243.5809	-0.09396	0.183138	-0.51304	0.607923	0.735325
KCTD17	572.6413	-0.07625	0.177	-0.43077	0.666639	0.781315
ST13	2955.036	0.292667	0.139761	2.094051	0.036255	0.112574
IL2RB	0.601483	-1.7332	2.729494	-0.63499	0.525436	NA
RBX1	166.2238	-0.11095	0.260942	-0.42518	0.670706	0.784298
EP300	1746.994	-0.48889	0.24022	-2.03517	0.041833	0.124232
L3MBTL2	748.6317	-0.34725	0.144853	-2.39724	0.016519	0.066542
CHADL	14.11892	-0.38842	0.610143	-0.6366	0.524383	NA
RANGAP1	4271.831	-0.4066	0.182609	-2.22661	0.025973	0.090324
ZC3H7B	5548.466	-0.63288	0.154863	-4.08675	4.37E-05	0.001538
PHF5A	706.3562	0.00589	0.15773	0.037339	0.970214	0.983824
ACO2	3164.058	-0.49182	0.120804	-4.07119	4.68E-05	0.00158
POLR3H	2035.81	-0.25308	0.182255	-1.3886	0.164954	0.313788
TRMU	827.86	0.005306	0.185649	0.028583	0.977197	0.98761
PMM1	1497.88	-0.1503	0.132394	-1.13524	0.256273	0.420442
DESI1	2179.798	-0.30579	0.155336	-1.96857	0.049002	0.136932
CERK	3655.946	0.135687	0.177969	0.76242	0.445809	0.6056
BRD1	952.1621	-0.27506	0.173845	-1.58222	0.1136	0.242522
ZBED4	842.2449	-0.18768	0.139754	-1.34296	0.179287	0.331737
HDAC10	36.86294	-0.34532	0.368949	-0.93596	0.349292	NA
PLTP	4898.444	-0.48731	0.129447	-3.76453	1.67E-04	0.003495
PCIF1	1209.24	-0.46075	0.197881	-2.32841	0.01989	0.075456

GSS	1838.481	-0.36271	0.12325	-2.94292	0.003251	0.022326
TRPC4AP	3674.05	-0.28262	0.144549	-1.95516	0.050564	0.139665
PYGB	11339.78	-0.1259	0.192037	-0.65561	0.512074	0.65973
ABHD12	3371.53	-0.22413	0.148996	-1.5043	0.132503	0.269681
PROCR	569.9329	0.186569	0.226668	0.823094	0.410455	0.573881
GINS1	290.3214	-0.41808	0.2296	-1.82092	0.06862	0.172248
NINL	266.8598	-0.1184	0.203649	-0.58138	0.560981	0.699164
CD40	5.43439	0.12428	0.873347	0.142304	0.88684	NA
UQCC1	1315.861	-0.08007	0.131947	-0.60683	0.543961	0.685662
ZMYND8	2477.381	-0.02594	0.153802	-0.16867	0.866059	0.920654
SGK2	2.887517	-0.30445	1.174222	-0.25928	0.795421	NA
IFT52	891.6143	0.013738	0.152065	0.090344	0.928014	0.958745
MYBL2	425.9409	-0.25991	0.277712	-0.9359	0.349324	0.51746
NDRG3	1835.122	-0.26032	0.147094	-1.76975	0.076768	0.186035
SLA2	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
C20orf24	600.9271	-0.06507	0.17479	-0.3723	0.709667	0.814198
NFATC2	4677.129	-0.34752	0.220434	-1.57653	0.114903	0.244486
RIMS4	5.085703	0.392794	0.881004	0.445848	0.655707	NA
PABPC1L	91.43365	1.004483	0.306292	3.279496	0.00104	0.01061
STK4	1094.012	0.323594	0.166745	1.94065	0.052301	0.142666
SALL4	40.76832	-0.30492	0.34696	-0.87882	0.379498	NA
ADNP	2510.763	-0.32957	0.146444	-2.25045	0.02442	0.086599
PFDN4	341.4056	1.29801	0.283107	4.584868	4.54E-06	3.99E-04
DOK5	364.465	-0.63916	0.23047	-2.77327	0.00555	0.031844
CSTF1	1107.592	-0.11651	0.154902	-0.75214	0.451967	0.610954
BMP7	5.03502	-0.30254	0.978505	-0.30918	0.757183	NA
RAE1	897.2946	-0.13179	0.165196	-0.7978	0.424987	0.587001
TPD52L2	3736.358	-0.17251	0.154784	-1.11454	0.265048	0.42949
DNAJC5	3657.789	-0.39045	0.142891	-2.73248	0.006286	0.034405
NELFCD	2535.76	-0.17607	0.137508	-1.28047	0.200381	0.356417
CTSZ	8596.657	-0.09462	0.147178	-0.64292	0.520279	0.667378
PRPF6	3018.853	-0.31354	0.126814	-2.47246	0.013419	0.057638
TUBB1	3.95361	-0.35544	1.003844	-0.35408	0.723277	NA
SLMO2	1401.821	0.660403	0.186015	3.550268	3.85E-04	0.005768
HRH3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MTG2	892.0526	-0.21934	0.167994	-1.30561	0.191684	0.346259
PSMA7	6504.316	0.084912	0.129343	0.656486	0.511511	0.659379
SLCO4A1	818.1837	-1.35932	0.283191	-4.80001	1.59E-06	2.16E-04
NTSR1	2.484548	-0.48062	1.325183	-0.36268	0.716844	NA
MRGBP	629.9737	0.036189	0.182594	0.198196	0.842892	0.906755
TCFL5	1344.337	-0.1423	0.137373	-1.03584	0.300275	0.467235
DIDO1	1828.515	-0.39975	0.145276	-2.75166	0.005929	0.033157
GID8	649.0397	-0.27233	0.158026	-1.72329	0.084836	0.198603
SLC17A9	61.60077	0.075817	0.346617	0.218735	0.826856	0.895634
BIRC7	46.26161	-0.51052	0.487853	-1.04646	0.29535	NA
NKAIN4	2.133346	-0.97961	1.345693	-0.72796	0.46664	NA
ARFGAP1	2498.063	-0.32113	0.142556	-2.25269	0.024279	0.086227

COL20A1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CHRNA4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
EEF1A2	36.0274	0.389927	0.492876	0.791126	0.428871	NA
PTK6	6.380828	-0.55255	0.823559	-0.67093	0.502264	NA
GMEB2	436.6872	-0.39054	0.163318	-2.39131	0.016789	0.067285
C20orf27	1777.656	-0.30291	0.130276	-2.32511	0.020066	0.075931
SPEF1	9.996749	-0.7114	0.690326	-1.03053	0.30276	NA
CDC25B	3762.966	-0.45234	0.150964	-2.99633	0.002732	0.019947
ISM1	103.222	0.002347	0.32132	0.007305	0.994171	0.997453
RNF24	752.1348	-0.37602	0.203892	-1.84423	0.06515	0.166418
ARFRP1	887.5121	-0.04775	0.141674	-0.33705	0.736082	0.833056
NDUFAF5	536.6163	0.316059	0.177939	1.776222	0.075696	0.184078
SEL1L2	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
TRIB3	897.1714	-0.12438	0.183565	-0.67755	0.498054	0.648931
RASSF2	143.392	-0.4052	0.360488	-1.12404	0.260995	0.425422
CSNK2A1	1949.72	-0.20593	0.131357	-1.56771	0.116949	0.247445
SLC52A3	7.34869	-1.21834	0.868748	-1.40241	0.160793	NA
	0.97663	-0.60197	1.931737	-0.31162	0.755327	NA
RSPO4	2.430604	0.986118	1.668526	0.591011	0.554513	NA
CDS2	3841.914	-0.30524	0.153896	-1.98342	0.04732	0.133917
HM13	6309.771	-0.14414	0.159896	-0.90145	0.367349	0.534412
SNPH	771.0008	-0.59001	0.14922	-3.95399	7.69E-05	0.002169
MYLK2	1.273342	-0.93915	1.907721	-0.49229	0.622516	NA
SIRPB1	134.3374	-0.62671	0.245105	-2.55691	0.010561	0.048772
SEC23B	1694.108	-0.07899	0.147536	-0.53541	0.592369	0.7233
FERMT1	0.410275	0.244283	3.100889	0.078778	0.937209	NA
PDYN	0.354779	1.703954	3.657232	0.465914	0.641277	NA
CCM2L	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PLCB4	3.332028	0.727512	1.127894	0.645018	0.518915	NA
MYL9	2096.092	-0.02721	0.258474	-0.10527	0.916159	0.95139
TM9SF4	1950.425	-0.49113	0.13156	-3.73311	1.89E-04	0.003755
TLDC2	9.726134	0.989254	0.729076	1.35686	0.174826	NA
CRNKL1	698.1459	0.483057	0.219907	2.196641	0.028046	0.094807
POFUT1	1773.331	-0.39144	0.151147	-2.58979	0.009603	0.045907
SAMHD1	2352.37	0.15556	0.174291	0.892527	0.37211	0.53876
PAK7	0.096202	0.408546	4.079639	0.100143	0.920231	NA
KIF3B	1990.495	0.083291	0.149592	0.556786	0.577674	0.712388
MROH8	35.75787	-0.24301	0.365614	-0.66467	0.506262	NA
NOP56	2347.637	-0.0249	0.141251	-0.17628	0.860071	0.916919
MANBAL	2062.68	-0.24546	0.17908	-1.37066	0.17048	0.32085
IDH3B	2809.778	-0.06745	0.133231	-0.50628	0.61266	0.739472
MAPRE1	4381.774	0.103132	0.127996	0.805741	0.420392	0.583153
JAG1	575.0155	-0.49788	0.201349	-2.47273	0.013409	0.057636
CDK5RAP1	551.1745	-0.13259	0.146075	-0.90769	0.36404	0.531423
SNTA1	950.6274	-0.19795	0.133275	-1.48524	0.137481	0.276759
OXT	0.681112	2.620532	2.519661	1.040033	0.298324	NA
TTI1	502.8602	-0.47772	0.172992	-2.7615	0.005754	0.032518

E2F1	1026.108	-0.15021	0.236828	-0.63425	0.525917	0.671486
RPRD1B	539.0863	-0.23513	0.146495	-1.60505	0.108482	0.235327
PXMP4	353.6835	-0.50194	0.22846	-2.19707	0.028016	0.09476
CHMP4B	3304.752	-0.09867	0.13609	-0.72502	0.468439	0.624884
CST3	13325.67	-0.2744	0.162815	-1.68535	0.091921	0.210878
ASIP	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ACTR5	196.8592	-0.03767	0.1853	-0.2033	0.8389	0.903953
WFDC2	8.969902	0.141471	0.728564	0.194179	0.846036	NA
AHCY	6135.551	-0.21729	0.138872	-1.56469	0.117655	0.248495
PPP1R16B	2.908162	-2.75694	1.399282	-1.97025	0.048809	NA
FAM83D	481.5493	-0.53321	0.241113	-2.21146	0.027004	0.092445
DHX35	305.3501	-0.00845	0.187878	-0.04496	0.964138	0.980386
DNTTIP1	615.8772	-0.02399	0.154306	-0.15545	0.876465	0.926153
MAP1LC3A	1076.306	-0.05662	0.191712	-0.29535	0.767726	0.855796
PIGU	611.0415	-0.31717	0.150897	-2.10192	0.03556	0.111086
TNNC2	1.711657	0.295749	1.545121	0.191408	0.848206	NA
ACOT8	731.6287	-0.19688	0.140299	-1.40331	0.160523	0.308029
APMAP	3893.675	-0.06337	0.136521	-0.46418	0.642521	0.762089
	13.76456	-0.04221	0.585402	-0.0721	0.94252	NA
TULP2	1.712152	-1.73709	1.625446	-1.06869	0.285211	NA
NUCB1	8763.438	-0.50156	0.151642	-3.30754	9.41E-04	0.009957
DHDH	19.62454	-0.37117	0.647898	-0.57289	0.566722	NA
GYS1	3255.031	-0.41038	0.127901	-3.20857	0.001334	0.012508
LHB	7.181079	0.230916	0.780062	0.296023	0.767213	NA
KCNA7	1.311188	0.009168	1.781747	0.005146	0.995894	NA
SNRNP70	4672.503	-0.03638	0.145238	-0.25049	0.802206	0.881304
CLPTM1	4724.131	-0.34099	0.181692	-1.87678	0.060548	0.15835
RELB	527.9995	-0.44807	0.195271	-2.2946	0.021756	0.080199
CLASRP	591.1288	-0.13709	0.153129	-0.89524	0.370657	0.537509
LIN7B	127.8375	0.114619	0.222784	0.514483	0.606914	0.734751
PPP1R37	3372.484	-0.42879	0.139201	-3.08037	0.002067	0.016594
FCGRT	1980.674	-0.44038	0.121884	-3.61311	3.03E-04	0.004981
PIH1D1	1795.019	-0.06825	0.168905	-0.40409	0.686144	0.795602
CKM	1.391203	0.983095	1.790872	0.548947	0.583042	NA
PPP1R13L	66.07878	-0.18596	0.32238	-0.57683	0.564051	0.702029
ERCC2	1254.982	-0.39056	0.129457	-3.01689	0.002554	0.019126
SLC17A7	100.3878	0.611024	0.45634	1.338967	0.180581	0.333093
KLC3	1.713586	-0.7846	1.451865	-0.54041	0.588917	NA
CD37	6.611053	-0.35411	0.774172	-0.4574	0.647385	NA
DKKL1	3.812964	-1.11982	1.031899	-1.0852	0.277833	NA
DMPK	1005.76	-0.08963	0.241994	-0.37038	0.711097	0.815207
RSPH6A	0.192403	0.975392	4.060716	0.240202	0.810174	NA
TBC1D17	1786.189	-0.05665	0.257306	-0.22018	0.825728	0.895199
IL4I1	6.958559	-1.47821	0.850549	-1.73795	0.08222	NA
PTOV1	1334.053	-0.15043	0.155045	-0.97022	0.331936	0.500458
NOVA2	0.883203	0.854847	2.135496	0.400304	0.688933	NA
MED25	1221.826	-0.45897	0.148531	-3.09003	0.002001	0.016217

CCDC61	265.9475	-0.36041	0.226842	-1.5888	0.112105	0.2405
TNNT1	513.1281	0.315248	0.288839	1.091429	0.275084	0.440659
VRK3	843.3536	-0.3379	0.13942	-2.4236	0.015368	0.062996
PPP6R1	4854.377	-0.38594	0.138036	-2.79597	0.005174	0.030263
ZNF419	198.0023	0.104631	0.19476	0.537229	0.591109	0.722706
AURKC	3.966365	-0.99333	1.056926	-0.93983	0.347307	NA
SLC1A5	1105.119	-0.42523	0.189571	-2.2431	0.02489	0.087559
PRKD2	574.0944	-0.49835	0.182905	-2.72465	0.006437	0.03502
CCDC9	460.5058	-0.31948	0.17214	-1.85592	0.063465	0.16349
BBC3	620.4452	-0.52063	0.202634	-2.5693	0.01019	0.047769
MYH14	65.46752	-0.63876	0.355103	-1.79881	0.072049	0.178242
GLTSCR2	6460.877	-0.38475	0.140146	-2.74536	0.006044	0.03362
NKG7	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
ETFB	900.7617	-0.20918	0.157848	-1.32519	0.18511	0.338653
NAPA	7178.754	-0.27154	0.129689	-2.09382	0.036276	0.112606
MEIS3	1352.249	-0.03291	0.174507	-0.1886	0.850406	0.910875
KDELR1	5360.142	-0.31045	0.146609	-2.11756	0.034213	0.108216
CYTH2	1395.272	-0.03871	0.147161	-0.26306	0.792507	0.874295
GRWD1	1746.836	-0.26297	0.162622	-1.61706	0.105866	0.231729
GRIN2D	98.99575	-0.72346	0.252728	-2.86261	0.004202	0.026285
SYNGR4	0.72077	0.527966	3.060238	0.172524	0.863025	NA
CLEC11A	5413.052	-0.3155	0.137248	-2.29874	0.02152	0.079674
CCDC114	0.936915	0.819377	2.189457	0.374237	0.708228	NA
CARD8	440.1655	0.383673	0.169838	2.259046	0.023881	0.085385
LIG1	780.2278	-0.42205	0.152231	-2.77241	0.005564	0.031913
ZNF175	197.1032	0.052138	0.199648	0.26115	0.793977	0.875021
PLA2G4C	538.8327	-0.27177	0.226657	-1.19905	0.230507	0.392685
DBP	260.8371	-0.52234	0.260544	-2.00481	0.044983	0.129624
FAM83E	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
RASIP1	25.4228	-0.72845	0.415327	-1.75393	0.079442	NA
BCAT2	729.2478	-0.33208	0.19816	-1.67583	0.093772	0.213905
PLEKHA4	5692.249	-0.30893	0.152315	-2.02825	0.042534	0.125476
PPP2R1A	8877.494	-0.34712	0.12876	-2.69584	0.007021	0.037208
LENG1	350.0915	-0.06377	0.195525	-0.32616	0.744307	0.838959
PRPF31	1187.869	-0.16251	0.154109	-1.05451	0.291651	0.458435
TFPT	1456.802	-0.10261	0.167236	-0.61357	0.539497	0.681722
UBE2S	3771.294	-0.3392	0.184995	-1.83359	0.066715	0.168708
RPL28	18523.47	-0.11766	0.158796	-0.74093	0.458735	0.617112
	1385.844	0.457747	0.167746	2.728804	0.006356	0.034652
ACTR8	933.8306	0.023442	0.144231	0.162534	0.870886	0.923244
CRBN	713.0074	0.79567	0.223052	3.567202	3.61E-04	0.005541
OGG1	379.3035	-0.20874	0.161969	-1.28879	0.197472	0.353175
KAT2B	12688.78	0.390257	0.160125	2.437202	0.014801	0.061418
WNT5A	8.151007	0.788983	0.768358	1.026843	0.304494	NA
PFKFB4	742.0347	0.062948	0.225922	0.278625	0.780532	0.865433
COL7A1	51.96083	0.885121	0.429862	2.059082	0.039486	0.119264
PRKAR2A	1799.137	-0.21444	0.145211	-1.47676	0.139739	0.27988

USP4	1712.114	-0.18928	0.141788	-1.33492	0.181902	0.334748
GNAI2	14524.85	-0.34031	0.125476	-2.71217	0.006684	0.035967
HYAL1	39.70691	-0.66476	0.376871	-1.76389	0.07775	NA
TUSC2	1258.981	0.020731	0.163131	0.127079	0.898878	0.940695
NPRL2	499.5752	-0.02368	0.154681	-0.15306	0.87835	0.926986
CYB561D2	727.4607	-0.11138	0.161056	-0.69154	0.489224	0.641921
C3orf14	474.1	0.488343	0.171104	2.854072	0.004316	0.02672
CSPG5	13.85786	0.351533	0.732512	0.479901	0.631298	NA
KLHL18	826.3958	-0.03175	0.144305	-0.22005	0.825832	0.89523
SCAP	2556.149	-0.43948	0.164754	-2.66751	0.007642	0.039439
HEMK1	459.1978	-0.22575	0.200922	-1.12357	0.261195	0.425632
CISH	22.79921	-0.69418	0.453361	-1.53118	0.125726	NA
MAPKAPK3	2281.081	-0.2301	0.159616	-1.4416	0.149416	0.293024
ACVR2B	54.50921	0.10982	0.324095	0.33885	0.734722	0.832199
WDR48	1071.645	0.379001	0.186709	2.029902	0.042367	0.125189
GORASP1	1933.957	-0.26944	0.137514	-1.95939	0.050067	0.138646
RRP9	946.0295	-0.18025	0.188266	-0.95743	0.33835	0.507226
ABHD14B	1565.392	-0.43748	0.161802	-2.70378	0.006856	0.03661
EIF1B	1195.806	0.080551	0.159585	0.504753	0.613732	0.740094
ABHD14A-A	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
VIPR1	0.424115	1.932531	3.45462	0.559405	0.575885	NA
DNAH1	63.74217	-0.1332	0.303432	-0.43899	0.660667	0.776536
ZBTB47	2335.878	-0.16782	0.203138	-0.82612	0.408737	0.572402
TNNC1	1.534288	1.842014	1.773824	1.038442	0.299064	NA
NKTR	470.6986	1.094232	0.300955	3.635868	2.77E-04	0.004685
SPCS1	3088.169	-0.15363	0.135455	-1.13418	0.256718	0.420707
NEK4	412.8484	0.371234	0.190226	1.95154	0.050993	0.140488
SLC4A3	683.4809	-0.15113	0.157652	-0.95866	0.337732	0.506619
INO80D	224.0708	0.482221	0.276537	1.743786	0.081196	0.193238
EEF1B2	7430.233	0.403479	0.134007	3.010871	0.002605	0.019343
ADAM23	4842.968	0.253725	0.149099	1.701726	0.088807	0.205546
DGUOK	1294.433	-0.02428	0.143808	-0.16886	0.865903	0.920653
MOB1A	1466.063	0.421842	0.156086	2.702621	0.00688	0.036671
KANSL3	2101.654	-0.31734	0.188201	-1.68617	0.091763	0.210711
LMAN2L	572.7032	-0.2347	0.146259	-1.60471	0.108557	0.235403
RTKN	1687.293	-0.39232	0.148888	-2.63502	0.008413	0.041958
TTL	3074.124	0.131763	0.164197	0.80247	0.422281	0.584768
IL1A	0.326536	0.037056	3.842554	0.009644	0.992306	NA
CCL20	0.863039	0.783382	2.464829	0.317824	0.750618	NA
PIKFYVE	1076.603	0.497535	0.219351	2.26821	0.023316	0.083915
KCNIP3	1692.248	-0.82037	0.225229	-3.64239	2.70E-04	0.004608
FAHD2A	635.5765	-0.19756	0.142271	-1.38861	0.164951	0.313788
NCL	7808.996	0.426665	0.29749	1.434217	0.15151	0.295469
ACTR1B	2730.681	-0.36885	0.185829	-1.98487	0.047159	0.133679
SLC35F5	3559.443	0.737426	0.178018	4.14243	3.44E-05	0.001323
ZAP70	0.971254	-2.67708	2.319442	-1.15419	0.248421	NA
ACTR3	7405.046	0.703974	0.155044	4.540475	5.61E-06	4.53E-04

STEAP3	100.096	0.158853	0.269111	0.59029	0.554996	0.695073
EPB41L5	705.3235	0.254379	0.170233	1.494303	0.135096	0.273679
TFCP2L1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	1495.452	0.582657	0.142789	4.080556	4.49E-05	0.001553
TP53I3	918.7123	-0.16382	0.178158	-0.91952	0.357826	0.525131
DNAJC27	116.0712	0.560543	0.252849	2.216906	0.026629	0.091638
POMC	62.18208	-0.53738	0.293907	-1.82841	0.067489	0.169976
STAM2	647.2515	0.772703	0.219771	3.515944	4.38E-04	0.006274
OTOF	1.982494	1.115242	1.486995	0.749997	0.453257	NA
GPD2	1435.806	0.20327	0.177466	1.145402	0.252043	0.415977
CENPA	351.2506	-0.05813	0.273809	-0.21229	0.83188	0.89891
CYTIP	0.586694	1.130467	2.734203	0.413454	0.679274	NA
ACVR1	909.9887	-0.39239	0.153075	-2.56336	0.010366	0.048212
TANC1	4235.004	0.113662	0.157336	0.722413	0.470041	0.626386
SLC30A3	3.96192	-0.96838	1.007122	-0.96153	0.336285	NA
MPV17	3055.433	-0.2157	0.15072	-1.4311	0.152402	0.296817
GTF3C2	1652.078	-0.28299	0.169169	-1.67281	0.094364	0.214796
EIF2B4	1089.897	-0.05881	0.161974	-0.3631	0.716532	0.81922
NRBP1	2781.049	-0.09107	0.127197	-0.71599	0.474	0.629544
ITGB6	0.713668	-0.95576	2.626349	-0.36391	0.715923	NA
FNDC4	245.2875	0.219537	0.353431	0.62116	0.534495	0.678129
ITGA4	492.8631	0.873352	0.28422	3.072806	0.002121	0.016804
PSMD14	1805.159	0.350141	0.159918	2.189503	0.02856	0.095861
SNX17	7079.757	-0.22215	0.153889	-1.44359	0.148854	0.292187
GPR75-ASB	429.0868	0.188221	0.167149	1.126067	0.260137	0.424389
PPM1G	3484.652	-0.15558	0.1668	-0.93272	0.350966	0.518856
PDE1A	0.602678	1.083611	2.70938	0.399948	0.689195	NA
IFIH1	499.6444	-0.1545	0.621624	-0.24854	0.803716	0.882554
GCA	150.2786	0.363749	0.20051	1.814117	0.06966	0.173966
INO80B	893.5039	-0.20635	0.210774	-0.97902	0.327568	0.495828
MOGS	1959.651	-0.26851	0.153841	-1.74535	0.080924	0.192758
TTC31	661.0813	-0.3474	0.145578	-2.38638	0.017015	0.067895
PCGF1	444.6946	0.112074	0.179051	0.625934	0.531358	0.675668
GRB14	82.97314	0.588096	0.258546	2.274629	0.022928	0.082895
CLIP4	988.5909	0.45205	0.181726	2.487539	0.012863	0.056084
TLX2	7.011286	0.749953	0.804765	0.931891	0.351393	NA
SPTBN1	36356.93	-0.00944	0.145789	-0.06474	0.948383	0.971147
AUP1	3917.327	0.009774	0.144951	0.067432	0.946238	0.970016
RTN4	9997.013	0.022358	0.126022	0.177417	0.859181	0.916352
HTRA2	895.4553	-0.0278	0.201376	-0.13807	0.890182	0.935891
LOXL3	1423.222	0.476679	0.604036	0.789156	0.430021	0.591541
DOK1	434.5311	0.331979	0.270233	1.22849	0.219263	0.379
GALNT3	1290.591	0.203793	0.240418	0.847659	0.396628	0.561234
POLE4	1302.312	0.106718	0.162826	0.655413	0.512202	0.65973
TACR1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CCDC88A	311.8917	0.73098	1.11908	0.653198	0.513629	0.660803
ACADL	1.866864	-0.99112	1.481314	-0.66908	0.503445	NA

EVA1A	1879.899	-0.05101	0.14421	-0.35371	0.723553	0.824463
MRPL19	856.8151	0.460441	0.158376	2.907265	0.003646	0.024068
LANCL1	1856.891	0.119517	0.18473	0.646984	0.517642	0.664972
WDR75	572.01	0.646896	0.165286	3.913798	9.09E-05	0.002389
EFEMP1	82.40891	0.025399	0.341357	0.074407	0.940687	0.966779
FANCL	219.5216	0.560409	0.215747	2.597525	0.00939	0.045248
FN1	51501.47	-0.34058	0.259698	-1.31146	0.189701	0.343974
STAT1	6172.155	-0.48968	0.244252	-2.00483	0.044981	0.129624
GLS	1615.387	0.662007	0.201788	3.280711	0.001035	0.010582
PAPOLG	317.1263	0.204211	0.182882	1.116628	0.264153	0.428684
DNAH6	2.214612	0.568451	1.3908	0.408722	0.682744	NA
PECR	561.288	0.103254	0.158095	0.653115	0.513682	0.660803
UNC50	953.2846	0.336041	0.137411	2.445522	0.014464	0.060524
IGFBP2	324.4969	0.717161	0.401803	1.784854	0.074285	0.18199
ELMOD3	616.8155	-0.02731	0.152268	-0.17934	0.857673	0.91568
IGFBP5	283.5202	0.410451	0.407725	1.006686	0.314085	0.481568
USP34	2479.193	0.67014	0.202639	3.307068	9.43E-04	0.009961
EFHD1	256.1099	-0.56157	0.254088	-2.21015	0.027095	0.092647
KCNJ13	145.753	-1.3198	0.854579	-1.54439	0.122495	0.25598
CCT4	4932.488	0.086384	0.147865	0.584211	0.559078	0.697891
GGCX	1713.979	-0.33332	0.156008	-2.13659	0.032631	0.10513
EHBP1	1182.822	0.472224	0.206958	2.281741	0.022505	0.081968
OTX1	34.30333	-0.08084	0.452046	-0.17883	0.858069	NA
TXNDC9	743.1653	0.574503	0.212344	2.705531	0.00682	0.03645
COQ10B	1113.398	0.783804	0.160108	4.895477	9.81E-07	1.61E-04
GNLY	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SF3B1	4456.63	0.685646	0.188764	3.632285	2.81E-04	0.004737
ST3GAL5	2649.554	-0.2713	0.173714	-1.56175	0.118346	0.249732
CHST10	594.0245	-0.23054	0.146403	-1.57466	0.115335	0.2453
PDCL3	312.233	0.360272	0.203506	1.770327	0.076673	0.18588
MOB4	757.1963	0.738208	0.193145	3.822045	1.32E-04	0.003029
HSPE1	2042.658	0.501991	0.172481	2.910419	0.003609	0.023918
KDM3A	1024.644	0.308013	0.147256	2.091679	0.036467	0.113084
PLCD4	365.1179	-0.56344	0.311851	-1.80675	0.070802	0.175929
CHMP3	3143.368	0.152696	0.151745	1.006272	0.314285	0.481686
ZNF142	505.681	-0.52172	0.204627	-2.54959	0.010785	0.049404
PRKAG3	1.086672	0.527563	2.235195	0.236026	0.813413	NA
SMYD1	0.944149	-2.4805	2.433399	-1.01936	0.308033	NA
IL1R1	146.9931	-0.17724	0.248623	-0.71291	0.475904	0.630941
WNT6	14.17338	0.22344	0.619793	0.360507	0.718468	NA
IL1RL2	3.317036	1.622005	1.169564	1.386845	0.165489	NA
IL1RL1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
IL18R1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
FHL2	1558.596	-0.09014	0.21461	-0.42003	0.674462	0.786828
MLPH	8990.975	-0.4642	0.150826	-3.07773	0.002086	0.016597
CNPPD1	3742.825	-0.5908	0.129231	-4.57168	4.84E-06	4.10E-04
UXS1	1150.806	0.137707	0.151906	0.906524	0.364658	0.531934

ABCB6	48.63816	-0.21639	0.316165	-0.68442	0.493711	0.644811
STK16	1322.219	-0.15015	0.155695	-0.9644	0.334844	0.503433
SLC5A7	11.18354	2.502891	0.758619	3.299271	9.69E-04	NA
HDLBP	22866.81	-0.20443	0.134791	-1.51666	0.129353	0.265768
PPP1R7	1882.235	-0.05885	0.137689	-0.42741	0.669083	0.782942
PASK	229.5102	-0.29786	0.258972	-1.15016	0.250077	0.41377
STK25	3637.923	-0.1102	0.12677	-0.86928	0.384695	0.550705
PROC	0.968522	0.920016	1.915592	0.480278	0.63103	NA
ID2	929.4601	0.85454	0.19236	4.442392	8.90E-06	5.86E-04
TAF1B	401.8292	0.6193	0.20665	2.99686	0.002728	0.019937
HPCAL1	7457.682	0.11736	0.164349	0.714092	0.47517	0.630458
ODC1	412.3638	0.09693	0.18657	0.519534	0.603388	0.732334
BIRC6	2249.199	0.170546	0.156426	1.090267	0.275596	0.441265
NOL10	489.3343	0.719441	0.218957	3.285757	0.001017	0.010476
PLEKHB2	7768.963	-0.13605	0.164327	-0.82791	0.407721	0.571339
GORASP2	2893.317	-0.14263	0.152009	-0.93828	0.348099	0.51605
STRN	728.2571	0.420534	0.171358	2.454123	0.014123	0.059604
CEBPZ	646.9744	1.260279	0.316757	3.978698	6.93E-05	0.002018
PRKD3	4304.729	0.08429	0.200089	0.421261	0.673565	0.786323
DCAF17	339.5589	0.49792	0.178031	2.796819	0.005161	0.0302
QPCT	17786.34	-0.20699	0.150831	-1.37236	0.169953	0.320363
RAB3GAP1	2176.71	0.182156	0.140618	1.29539	0.195186	0.350192
SLC25A12	766.2323	-0.07281	0.1632	-0.44614	0.655495	0.772532
RMDN2	189.5985	1.263153	0.240271	5.257195	1.46E-07	4.34E-05
DLX2	44.18598	0.301016	0.478218	0.629453	0.529053	NA
DARS	1027.616	0.696133	0.199169	3.495193	4.74E-04	0.006586
SRSF7	1852.315	0.354397	0.157839	2.245299	0.024749	0.087191
SDC1	212.7046	-0.63273	0.326195	-1.93974	0.052411	0.142855
PLCL1	115.0384	0.22733	0.336749	0.675072	0.49963	0.650106
SLC1A4	24314.26	-0.765	0.150603	-5.07957	3.78E-07	8.53E-05
SOS1	626.2041	0.490113	0.300567	1.630627	0.102969	0.227301
KYNU	320.1748	0.332948	0.23383	1.423888	0.154479	0.299729
WIPF1	1861.331	-0.11292	0.168209	-0.67133	0.502013	0.65228
ORC2	353.4229	0.191843	0.188176	1.019488	0.307971	0.475143
COX7A2L	2523.708	0.05073	0.169095	0.300008	0.764171	0.853696
PNO1	778.3033	0.205698	0.161007	1.277568	0.201402	0.357749
ORC4	480.1365	0.420072	0.198441	2.116858	0.034272	0.108345
PLEK	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
RND3	1258.763	1.149705	0.270648	4.247968	2.16E-05	9.60E-04
ATF2	731.4554	0.626888	0.202674	3.093082	0.001981	0.016077
THADA	699.5274	-0.21317	0.149529	-1.42559	0.153985	0.299017
AAK1	226.8353	-0.21654	0.203228	-1.06552	0.28664	0.452961
TRAK2	5361.301	0.338464	0.141621	2.389925	0.016852	0.067493
C2orf42	349.1221	-0.04641	0.179696	-0.25828	0.796194	0.87685
TIA1	774.3301	0.812807	0.24136	3.36762	7.58E-04	0.008794
PCYOX1	2693.969	0.035618	0.132473	0.268867	0.788032	0.871362
EPAS1	3518.761	-0.55448	0.17399	-3.18686	0.001438	0.013218

SUMO1	1742.798	0.538617	0.155904	3.454793	5.51E-04	0.007174
CD207	1.286979	0.266221	1.956478	0.136072	0.891765	NA
VAX2	73.64879	-0.55784	0.313341	-1.78031	0.075025	0.182934
ATP6V1B1	17.14997	-0.59021	0.540751	-1.09147	0.275068	NA
NFE2L2	2335.729	0.534091	0.187163	2.85362	0.004322	0.02673
MSH6	1054.629	0.199179	0.148418	1.342014	0.179591	0.332198
PLEKHA3	533.8067	0.368494	0.156735	2.351058	0.01872	0.072265
SPR	1829.393	-0.00749	0.163971	-0.04568	0.963563	0.980182
EPHA4	28.31947	-0.27836	0.431839	-0.64459	0.519194	NA
PARD3B	535.2771	0.143726	0.163179	0.880792	0.37843	0.544717
FARSB	1200.853	-0.06897	0.156019	-0.44209	0.658423	0.774827
ALMS1	256.0589	0.054121	0.241828	0.223797	0.822915	0.893194
CD3EAP	72.84467	-0.28921	0.314576	-0.91938	0.357897	0.525131
COLEC11	0.640609	0.042838	2.379511	0.018003	0.985637	NA
ZNF541	2.002937	-1.34767	1.541055	-0.87451	0.381838	NA
SLC8A2	4.827714	-0.28483	0.89285	-0.31901	0.749716	NA
KPTN	264.3234	-0.24497	0.205714	-1.19083	0.233722	0.396277
CRYGD	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
MREG	1645.396	-0.6237	0.208844	-2.98646	0.002822	0.020352
FASTKD2	734.6776	0.067275	0.170569	0.394417	0.693273	0.802064
NRP2	4953.05	-0.95717	0.189577	-5.04896	4.44E-07	9.40E-05
CREB1	661.8865	0.697805	0.185896	3.753736	1.74E-04	0.003558
KLF7	257.65	0.186072	0.185445	1.003383	0.315676	0.483007
VAMP8	1002.175	0.119289	0.145298	0.820996	0.411649	0.574963
RPN2	6430.104	-0.23353	0.126484	-1.84634	0.064843	0.165956
TGIF2	506.414	-0.72333	0.159832	-4.52557	6.02E-06	4.73E-04
HS1BP3	2549.338	-0.29137	0.132874	-2.19282	0.028321	0.095362
C2orf43	662.0059	0.047876	0.184912	0.258912	0.795703	0.876597
WDR35	584.9084	0.38898	0.21408	1.816984	0.06922	0.173232
DNAH7	4.468811	-0.43226	0.951733	-0.45418	0.649696	NA
CYP20A1	308.6465	0.138456	0.161706	0.856225	0.391874	0.557055
NDUFB3	1469.741	0.470007	0.151189	3.108738	0.001879	0.015479
GTF3C3	953.008	0.345455	0.162629	2.124195	0.033654	0.107125
SATB2	124.464	-0.04455	0.262085	-0.17	0.865014	0.920317
C2orf40	3.147287	0.859007	1.363056	0.630206	0.528559	NA
ITGB1BP1	4174.538	0.084076	0.145507	0.577818	0.563387	0.70135
CPSF3	1287.932	0.16913	0.14811	1.141922	0.253487	0.417547
ZBTB45	685.504	-0.49474	0.154501	-3.20219	0.001364	0.012701
RHOQ	4326.212	0.443896	0.175694	2.526535	0.011519	0.051866
GPR75	6.319708	0.487556	0.841988	0.579053	0.562553	NA
SUPT7L	1049.916	0.163473	0.145079	1.126784	0.259834	0.42423
KLHL29	990.3582	-0.4145	0.176474	-2.34879	0.018835	0.072547
DNMT3A	595.2588	-0.33726	0.172937	-1.95017	0.051156	0.140741
TMEM214	2834.301	-0.32628	0.145031	-2.24972	0.024466	0.08666
ATAD2B	127.4984	0.657174	0.389865	1.685647	0.091864	0.210851
FKBP1B	253.1351	-0.06596	0.177025	-0.37262	0.709433	0.814086
ATL2	668.1251	0.597578	0.15329	3.898346	9.69E-05	0.002496

YPEL5	3163.705	0.352959	0.157421	2.242137	0.024953	0.087674
FAM98A	2377.823	0.175205	0.173013	1.01267	0.311218	0.478781
YIPF4	1634.731	0.406096	0.146516	2.771677	0.005577	0.031939
AFTPH	587.8703	0.716521	0.190357	3.764079	1.67E-04	0.003495
LGALSL	88.47161	-0.02945	0.256245	-0.11493	0.908504	0.947226
CNRIP1	1152.277	-0.10353	0.167442	-0.61832	0.536362	0.679625
BCL11A	28.15894	-0.09247	0.454559	-0.20344	0.838793	NA
CRIPT	464.0212	0.129489	0.173746	0.745273	0.456106	0.614797
NCAPH	628.0487	-0.2672	0.225936	-1.18265	0.236946	0.399744
ZNF549	262.1863	0.049787	0.204258	0.243747	0.807427	0.885096
A1BG	19.59517	-0.0462	0.461118	-0.10019	0.920195	NA
ZSCAN18	280.5955	-0.47403	0.284162	-1.66817	0.095283	0.215939
ZNF211	256.7933	0.083052	0.184542	0.450043	0.652679	0.770362
GTDC1	555.8702	0.199336	0.173184	1.151004	0.249731	0.41357
CXCR4	0.596179	-0.09275	3.146759	-0.02948	0.976485	NA
ZRANB3	87.68746	0.408453	0.293142	1.393364	0.16351	0.312042
ACVR2A	121.4134	-0.1162	0.238943	-0.48633	0.626735	0.74944
MTERFD2	550.2448	0.037212	0.144373	0.257752	0.796598	0.87685
HJURP	479.9533	-0.04244	0.247501	-0.17149	0.863842	0.919827
METTL8	260.0703	0.229636	0.170792	1.344531	0.178777	0.33126
TTC21B	409.4641	0.825961	0.19145	4.314249	1.60E-05	8.22E-04
NMI	53.68312	0.102508	0.395019	0.259501	0.795249	0.876259
TNFAIP6	146.5106	0.812506	0.277578	2.927126	0.003421	0.022949
ACVR1C	138.0865	0.301557	0.312407	0.965271	0.334409	0.502972
BAZ2B	251.9643	0.705438	0.653027	1.080259	0.280027	0.446019
ZNF137P	16.21175	0.759253	0.611152	1.242331	0.214115	NA
ACSL3	4131.076	0.199021	0.246806	0.806387	0.42002	0.582924
CHPF	15943.62	-0.2118	0.186305	-1.13685	0.255601	0.419747
DNPEP	1561.135	-0.22533	0.1302	-1.73066	0.083512	0.196865
INHA	3.050336	-0.54935	1.21517	-0.45208	0.651213	NA
MOGAT1	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
OBSL1	3618.795	-0.24455	0.128128	-1.90864	0.056309	0.150161
FAM124B	1.391057	1.605737	1.701366	0.943793	0.345276	NA
GCNT7	2.574785	-0.04064	1.25544	-0.03237	0.974175	NA
CTCFL	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
HMGB1P1	28.36367	0.969995	0.487768	1.988639	0.046741	NA
FAM210B	7344.757	0.666374	0.215437	3.093127	0.001981	0.016077
PI3	0.84823	2.93367	2.713279	1.081227	0.279596	NA
FAM209A	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
SNX21	477.1087	-0.24448	0.170229	-1.43616	0.150957	0.294826
SLPI	0.163957	0.424913	4.079006	0.104171	0.917034	NA
WFDC3	2.029094	-0.10546	1.369715	-0.07699	0.938628	NA
TTPAL	689.9136	-0.26322	0.151241	-1.7404	0.081788	0.194269
PREX1	316.6543	-2.1689	0.930592	-2.33067	0.019771	0.075098
KCNS1	20.28448	0.23584	0.539444	0.43719	0.661973	NA
SLC12A5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ARHGAP40	0.851742	-0.48655	2.547586	-0.19099	0.848537	NA

SDC4	312.8745	-0.62898	0.231885	-2.71246	0.006679	0.035967
NCOA3	1021.484	0.178413	0.18118	0.984727	0.324758	0.492707
PIGT	4454.531	-0.4219	0.142685	-2.95688	0.003108	0.021663
MATN4	1.401533	3.641611	2.075973	1.754171	0.079401	NA
NCOA5	881.1832	-0.31406	0.19265	-1.6302	0.103059	0.227389
VAPB	2477.509	-0.11794	0.151085	-0.7806	0.435038	0.596159
PARD6B	8.815948	0.343273	0.69224	0.495888	0.619974	NA
ATP5E	4136.76	0.500399	0.129948	3.850769	1.18E-04	0.002843
CHD6	1481.659	0.056481	0.167762	0.336671	0.736365	0.833121
PLCG1	3535.471	-0.39638	0.143154	-2.76894	0.005624	0.032088
TOX2	1.774311	0.514284	1.66994	0.307966	0.758108	NA
SRSF6	2520.225	0.11334	0.156697	0.723304	0.469493	0.625866
GDAP1L1	0.411855	0.250456	3.097618	0.080854	0.935558	NA
ARFGEF2	2026.75	0.285271	0.186011	1.533624	0.125122	0.260016
ZNFX1	3474.016	-0.48641	0.12706	-3.82819	1.29E-04	0.002993
ZNF831	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CSE1L	2599.122	0.154396	0.181246	0.85186	0.394292	0.559064
RAB22A	1362.907	0.475564	0.15627	3.043212	0.002341	0.017914
PTGIS	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
STAU1	2854.497	-0.14049	0.123127	-1.14101	0.253867	0.417883
CDH26	0.860207	-2.14053	2.512764	-0.85186	0.394291	NA
SNAI1	3.575599	-0.49632	1.132444	-0.43827	0.661191	NA
MOCS3	369.1506	-0.31003	0.177565	-1.74602	0.080808	0.192597
STX16	1333.21	0.157298	0.152914	1.028673	0.303634	0.47084
PPP4R1L	455.5192	0.06529	0.219254	0.297782	0.765869	0.854691
PMEPA1	2230.44	0.825874	0.585023	1.411695	0.15804	0.304545
RNF114	2374.545	-0.26859	0.127715	-2.10302	0.035464	0.11093
DDX27	823.5408	0.366669	0.175128	2.093722	0.036285	0.112606
RBPJL	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
BCAS4	151.811	-0.44393	0.232999	-1.90528	0.056744	0.151033
KCNK15	11.60576	-0.15568	0.657849	-0.23665	0.81293	NA
TP53TG5	1.674314	-0.71508	1.5215	-0.46998	0.638367	NA
NEURL2	61.97705	-0.20884	0.291352	-0.71678	0.473509	0.629168
STAMBP	1180.612	0.011164	0.14441	0.077304	0.938381	0.965761
NAGK	3442.588	-0.20075	0.154835	-1.29656	0.194784	0.349926
MCEE	146.5227	0.421146	0.236988	1.777079	0.075555	0.18381
PAIP2B	79.48499	0.096557	0.250096	0.386078	0.699439	0.806443
SNRNP27	389.1796	0.701964	0.172082	4.079247	4.52E-05	0.001553
MPHOSPH1	258.808	1.084749	0.698591	1.552768	0.120479	0.252771
LRRFIP1	1799.582	0.636988	0.261646	2.43454	0.014911	0.061742
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RAB17	711.812	-0.01864	0.348913	-0.05342	0.957399	0.976509
EMC3	2433.155	0.105546	0.155451	0.678966	0.497159	0.648243
SSUH2	159.3668	-0.13651	0.250998	-0.54388	0.586521	0.719339
PPP1R12C	4226.521	-0.13241	0.150148	-0.8819	0.377833	0.544236
MBOAT7	2465.678	-0.48808	0.139232	-3.50554	4.56E-04	0.00643
SRMS	1.052261	0.993047	2.045208	0.485548	0.627288	NA

OPRL1	87.2988	-0.52179	0.292628	-1.78313	0.074565	0.182375
SLC2A4RG	955.5834	-0.2749	0.143769	-1.91208	0.055866	0.149468
C20orf195	3.259058	0.624146	1.148946	0.543234	0.586969	NA
PPDPF	3270.445	-0.20933	0.135101	-1.54942	0.121281	0.254026
IL1B	0.326333	1.533889	3.826878	0.40082	0.688553	NA
PLGLB2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CHCHD5	604.985	-0.11169	0.14983	-0.74547	0.455986	0.614797
PAX8	74.26128	-0.41045	0.286336	-1.43345	0.15173	0.295848
INSIG2	287.8759	0.566884	0.204643	2.770117	0.005604	0.03203
POLR1B	926.0584	-0.14587	0.14883	-0.98009	0.32704	0.495154
HTR5BP	0.614937	2.493639	2.617677	0.952615	0.340785	NA
CCDC93	692.5219	0.434156	0.174556	2.487207	0.012875	0.056115
PSD4	50.08175	0.205402	0.557912	0.368161	0.712753	0.816474
FOSB	32.2889	-0.32548	0.408288	-0.79719	0.425343	NA
OPA3	1384.347	-0.49031	0.150607	-3.25555	0.001132	0.011192
SNRPD2	6178.091	0.147606	0.160276	0.920947	0.357078	0.52462
RTN2	1217.664	-0.04486	0.156367	-0.2869	0.774185	0.860327
EML2	2786.805	-0.2843	0.145886	-1.94879	0.051321	0.140999
VASP	2336.39	-0.18276	0.155971	-1.17177	0.24129	0.404426
SYMPK	2334.116	-0.55521	0.138178	-4.0181	5.87E-05	0.001798
GPCPD1	172.9738	0.252536	0.273855	0.922155	0.356447	0.524101
SDCBP2	74.38096	0.390605	0.299519	1.304107	0.192197	0.3468
PANK2	1199.708	-0.07075	0.130788	-0.54097	0.58853	0.721053
GNRH2	0.914607	1.879338	2.377229	0.790558	0.429202	NA
DEFB126	0.88142	1.783485	2.222213	0.802571	0.422222	NA
FAM182A	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
CD93	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GZF1	691.4207	0.121189	0.141167	0.858476	0.39063	0.555865
NAPB	399.8773	0.311147	0.194734	1.597802	0.110087	0.237763
NKX2-4	0.653015	0.2552	2.787103	0.091565	0.927044	NA
CENPB	6370.629	-0.27877	0.144486	-1.92942	0.053679	0.145364
PSMF1	3114.738	-0.30771	0.120513	-2.55333	0.01067	0.049123
NKX2-2	0.394291	0.298745	3.141711	0.09509	0.924243	NA
DTD1	1440.68	-0.06278	0.154418	-0.40654	0.684346	0.794605
RBCK1	2770.723	-0.49074	0.136251	-3.60173	3.16E-04	0.005092
TMX4	1323.537	-0.08213	0.204467	-0.40166	0.687935	0.796977
STK35	661.8003	-0.65681	0.167769	-3.91498	9.04E-05	0.002389
SNRPB	3836.999	-0.13063	0.15726	-0.83063	0.406183	0.569932
NRSN2	2273.859	-0.38648	0.145632	-2.65384	0.007958	0.040509
AP5S1	888.3541	-0.35253	0.15282	-2.30686	0.021063	0.078448
RRBP1	3997.816	-0.25513	0.199025	-1.28191	0.199873	0.355943
BMP2	13.64711	1.318993	0.614272	2.147246	0.031774	NA
ZNF133	293.1409	0.189057	0.175568	1.076834	0.281554	0.44773
FLRT3	244.2264	-0.33587	0.335438	-1.00127	0.316694	0.484252
PCSK2	389.8081	2.057779	1.071583	1.920317	0.054818	0.147555
MKKS	1285.353	0.327201	0.145086	2.255222	0.024119	0.085854
BFSP1	152.0946	0.02259	0.727466	0.031052	0.975228	0.986377

DSTN	6843.808	0.423727	0.165194	2.565032	0.010317	0.048042
SNRPB2	1204.163	0.59132	0.183036	3.230627	0.001235	0.011864
MGME1	1072.073	0.269345	0.157785	1.707044	0.087814	0.203885
LRRN4	0.719246	0.444943	2.542118	0.175028	0.861057	NA
TBC1D20	2814.139	-0.32908	0.16379	-2.00914	0.044523	0.128924
ITPA	2233.668	0.014037	0.160533	0.08744	0.930322	0.960504
TCF15	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MCM8	278.2001	0.47582	0.228293	2.084255	0.037137	0.114411
TMEM74B	8.080034	0.040001	0.727406	0.054991	0.956146	NA
FAM110A	98.24489	-0.31881	0.253496	-1.25767	0.208512	0.365923
MRPS26	1332.83	-0.05727	0.14046	-0.40774	0.683463	0.794046
MMP24	15.8973	-0.23362	0.518886	-0.45024	0.65254	NA
NECAB3	432.0465	-0.04794	0.161307	-0.29721	0.766304	0.854855
ID1	19.66448	0.823406	0.851978	0.966464	0.333812	NA
RALY	4618.692	-0.36815	0.138847	-2.65148	0.008014	0.040636
DYNLRB1	4948.772	-0.04006	0.16364	-0.24479	0.806618	0.884511
EIF2S2	1175.317	0.740648	0.210997	3.510228	4.48E-04	0.006372
ERGIC3	6401.777	-0.14436	0.139761	-1.03292	0.301643	0.468492
ROMO1	1981.401	-0.02672	0.168668	-0.15843	0.874114	0.925069
BPIFB9P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FAM83C	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
CEP250	802.1949	-0.32029	0.214825	-1.49092	0.135984	0.275053
PLAGL2	379.2146	-0.44486	0.178171	-2.4968	0.012532	0.054882
MMP24-AS	1913.642	-0.00838	0.121745	-0.06881	0.94514	0.969511
TMEM115	1764.123	-0.25681	0.158881	-1.61638	0.106012	0.231871
BCL2L12	545.4893	-0.21339	0.189979	-1.12325	0.261329	0.425792
IRF3	942.2917	-0.06238	0.164695	-0.37876	0.704866	0.810651
PRMT1	4614.531	-0.17768	0.13721	-1.29493	0.195343	0.3504
RRAS	2195.752	-0.08622	0.237322	-0.36332	0.716366	0.819109
PRRG2	21.6072	0.082233	0.499843	0.164518	0.869323	NA
SCAF1	3173.142	-0.57246	0.144938	-3.94967	7.83E-05	0.002183
PRR12	1247.899	-0.76191	0.168453	-4.52301	6.10E-06	4.76E-04
TUBA4A	89.00479	0.282326	0.270507	1.04369	0.296629	0.463665
AAMP	2643.087	-0.12049	0.131436	-0.91671	0.359296	0.526452
PNKD	1928.01	-0.12351	0.129354	-0.95482	0.339667	0.508003
ZNF835	0.815391	0.931626	2.360431	0.394685	0.693076	NA
TUBGCP6	1110.177	-0.39245	0.187942	-2.08815	0.036784	0.113713
ADM2	2.621466	0.792797	1.312902	0.603851	0.545943	NA
DGCR6L	1554.558	-0.29783	0.14756	-2.01837	0.043552	0.127152
DGCR8	769.3867	-0.11675	0.168046	-0.69477	0.487199	0.640255
ASPHD2	127.5882	-0.09768	0.240841	-0.40557	0.685058	0.795121
VPREB3	1.79623	1.522559	1.657218	0.918744	0.358229	NA
SDF2L1	906.9186	-0.32099	0.214563	-1.49601	0.134651	0.273009
GAL3ST1	0.591998	-0.2499	3.117006	-0.08017	0.936101	NA
YWHAH	4119.228	-0.15992	0.149466	-1.06995	0.284643	0.451128
RFPL2	18.7435	-0.28996	0.787741	-0.36809	0.712805	NA
C22orf24	1.973339	0.491936	1.602661	0.30695	0.758882	NA

POM121L9	0.162376	0.424913	4.079006	0.104171	0.917034	NA
GNAZ	7.529601	0.023681	0.730046	0.032438	0.974123	NA
MGAT3	1.550621	0.545407	1.695251	0.321726	0.74766	NA
ADORA2A	0.736957	-1.0303	2.640699	-0.39016	0.696418	NA
ATF4	5908.372	0.287447	0.208239	1.380374	0.167472	0.317051
A4GALT	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
CDC42EP1	3516.198	-0.08765	0.193121	-0.45388	0.649913	0.767937
APOL3	8.24849	-0.18141	0.823991	-0.22015	0.825751	NA
MCHR1	64.46676	-0.54457	0.401241	-1.35722	0.174711	0.326741
TPST2	1666.216	0.149363	0.214585	0.696054	0.486395	0.639483
BAIAP2L2	470.809	0.11456	0.206536	0.554674	0.579118	0.713515
MPST	1548.812	-0.17145	0.16479	-1.04042	0.298146	0.465146
TST	529.0721	-0.17591	0.150087	-1.17204	0.241181	0.404398
APOL5	0.162376	0.424913	4.079006	0.104171	0.917034	NA
APOL2	1242.566	-0.43188	0.146931	-2.93933	0.003289	0.022423
RAC2	0.949524	-0.003	2.040023	-0.00147	0.998826	NA
LIF	2.72356	-0.48968	1.206281	-0.40594	0.684784	NA
C22orf23	155.8129	-0.70366	0.281532	-2.49939	0.012441	0.054606
APOBEC3A	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
APOBEC3F	87.04915	-0.80169	0.254574	-3.14916	0.001637	0.014318
RIBC2	8.212371	-0.28561	0.819916	-0.34834	0.727583	NA
MYO1B	2838.53	0.40605	0.187039	2.17094	0.029936	0.098867
HOXD1	51.80741	0.973136	0.567018	1.716234	0.086119	0.200973
HOXD3	33.36177	0.089523	0.455889	0.196371	0.84432	NA
MTX2	793.7332	0.335783	0.13581	2.472454	0.013419	0.057638
PDE11A	12.10583	-0.2722	0.615685	-0.4421	0.658413	NA
CHN1	155.1153	-0.43325	0.325992	-1.32901	0.183844	0.337118
GAD1	158.425	0.954572	0.243777	3.915764	9.01E-05	0.002389
EIF2S2P4	4.344419	0.840459	1.040496	0.807748	0.419236	NA
OSGEPL1	238.6638	0.289546	0.200987	1.440618	0.149693	0.293211
ORMDL1	813.7099	0.746909	0.152165	4.908543	9.18E-07	1.53E-04
HAT1	944.8817	0.879114	0.227295	3.867715	1.10E-04	0.00273
HOXD9	18.79977	0.354487	0.526594	0.67317	0.500839	NA
HOXD13	0.162376	0.424913	4.079006	0.104171	0.917034	NA
KLK14	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
SIGLEC9	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
KLK10	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
SGOL1	85.04633	0.467604	0.280587	1.666521	0.09561	0.216515
LBP	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SYT5	23.60212	-0.46068	0.445961	-1.033	0.301604	NA
TNNI3	69.87148	-0.06241	0.32481	-0.19215	0.847624	0.909194
SH3BP4	880.6295	-0.09203	0.160804	-0.57233	0.567096	0.704045
EXOC3L2	0.555087	0.973802	2.808575	0.346725	0.728798	NA
PVRL2	2235.686	-0.32129	0.154725	-2.0765	0.037848	0.115728
APOE	19395.05	-0.22137	0.193169	-1.14601	0.25179	0.415791
TOMM40	2132.527	-0.01327	0.17329	-0.0766	0.938944	0.966165
APOC1	87.63815	-0.24858	0.340659	-0.72971	0.46557	0.622879

KIF1A	6.036618	-0.39027	0.82189	-0.47485	0.634894	NA
NDUFA10	2852.793	-0.02586	0.128666	-0.20102	0.840686	0.905184
SCO2	1032.01	-0.05741	0.154846	-0.37074	0.710828	0.815056
PXDN	3197.738	-0.36828	0.185637	-1.98386	0.047272	0.133854
HRC	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
TRPM4	1580.545	-0.34194	0.171911	-1.98906	0.046695	0.132894
ZBTB46	81.85059	-0.25124	0.261519	-0.96071	0.336698	0.505637
HELZ2	2219.235	-1.20131	0.17622	-6.8171	9.29E-12	1.57E-08
SAMD10	96.1628	-0.0553	0.256955	-0.2152	0.829612	0.897277
ATXN10	2379.19	-0.11922	0.1352	-0.88183	0.377866	0.544236
ZNF337	23.42223	0.166182	0.444439	0.373914	0.708468	NA
TAF4	367.1414	-0.33584	0.243356	-1.38005	0.16757	0.317106
GATA5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LAMA5	176.6948	-0.64587	0.259459	-2.48929	0.0128	0.055849
OSBPL2	991.8041	-0.09008	0.137512	-0.65505	0.512435	0.659815
ADRM1	2155.332	-0.0924	0.125747	-0.73478	0.462471	0.620483
CHMP2A	3161.297	-0.08779	0.127161	-0.6904	0.48994	0.642357
UBE2M	3039.643	-0.17019	0.157257	-1.08225	0.279142	0.445426
TRIM28	6775.226	-0.51691	0.126404	-4.08932	4.33E-05	0.001531
TMEM160	1121.314	-0.03634	0.160128	-0.22694	0.820471	0.892334
ZC3H4	2356.099	-0.62658	0.183655	-3.4117	6.46E-04	0.00789
NPAS1	38.34955	0.232445	0.466576	0.498194	0.618347	NA
ZNF331	143.3607	0.343434	0.224466	1.530001	0.126017	0.26113
PKDREJ	6.06565	0.311836	0.877886	0.355212	0.722431	NA
EPS8L1	357.3822	-0.18643	0.195722	-0.95251	0.340837	0.508949
AAR2	1474.554	-0.44361	0.132978	-3.33598	8.50E-04	0.009373
TTLL9	5.013204	0.558837	0.881791	0.633751	0.526243	NA
RBM39	2113.333	0.868056	0.250909	3.459649	5.41E-04	0.007077
ZNF341	116.7698	-0.45206	0.248105	-1.82204	0.068449	0.171957
GGT7	941.5841	-0.22488	0.159307	-1.4116	0.158066	0.304547
ACSS2	1494.589	-0.29581	0.207286	-1.42704	0.153569	0.298392
ATP6V1E1	6025.494	0.310999	0.145936	2.13107	0.033083	0.106001
ZNF227	193.2399	0.129323	0.21902	0.59046	0.554882	0.695073
MRPS25	1267.446	0.063803	0.143906	0.443367	0.6575	0.774125
SH3BP5	574.1772	0.336454	0.186968	1.799525	0.071936	0.178
HACL1	974.2132	0.177115	0.173971	1.01807	0.308645	0.476058
TBC1D5	1174.276	-0.21055	0.164126	-1.28285	0.199544	0.355802
CAPN7	651.1625	0.510553	0.216275	2.360664	0.018242	0.070975
RFTN1	299.0881	-0.28866	0.344462	-0.838	0.402029	0.56651
C3orf20	5.161872	-1.43807	0.91778	-1.5669	0.117138	NA
ZFYVE20	924.5142	-0.40451	0.166749	-2.42586	0.015272	0.062844
GALNT15	73.50999	-0.14508	0.259658	-0.55872	0.576355	0.711368
SLC6A6	3084.534	-0.45724	0.209152	-2.18618	0.028802	0.096427
KCNC3	4.375813	0.676853	1.011737	0.669001	0.503495	NA
NAPSA	6.938498	-0.58553	0.788086	-0.74297	0.457498	NA
NAPSB	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NR1H2	3432.299	-0.32624	0.149419	-2.1834	0.029006	0.096932

LRRC4B	9.392518	0.357472	0.921127	0.388081	0.697956	NA
ZNF304	304.9947	0.005542	0.164968	0.033596	0.973199	0.985082
ZSCAN5A	60.19506	-0.07124	0.307828	-0.23142	0.816985	0.890316
ZNF132	113.4318	-0.37186	0.247844	-1.50038	0.133516	0.271218
USP29	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MATN3	87.24314	-0.01147	0.375243	-0.03057	0.975612	0.986598
DHX30	3838.201	-0.41839	0.143601	-2.91352	0.003574	0.023762
RAF1	3204.275	-0.07667	0.204074	-0.37571	0.707136	0.812552
PPARG	273.4437	0.154834	0.22435	0.690142	0.490105	0.642357
NUP210	1.119861	-0.05288	2.270917	-0.02329	0.981422	NA
PTCD3	2360.131	0.182284	0.139996	1.302069	0.192893	0.347688
IMMT	3337.792	-0.07091	0.118124	-0.60033	0.548284	0.689499
MRPL35	1213.651	0.431838	0.153244	2.817978	0.004833	0.028855
IQCA1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ILKAP	1558.324	-0.15111	0.129664	-1.16542	0.243848	0.406585
PER2	18.10775	-0.63598	0.564156	-1.12732	0.259609	NA
RAMP1	46.23514	-1.01696	0.591622	-1.71894	0.085625	NA
SCLY	74.1414	-0.25742	0.285522	-0.90157	0.367286	0.534385
HSPA12B	61.92697	-0.07075	0.292831	-0.2416	0.809093	0.885851
ANKEF1	51.25883	-0.30436	0.365465	-0.83281	0.404952	0.569272
PCED1A	960.2338	-0.15421	0.166912	-0.92389	0.355546	0.523732
SNAP25	78.17632	-0.04947	0.302977	-0.16329	0.87029	0.923107
BTBD3	1702.476	0.479918	0.16883	2.842613	0.004475	0.027371
PCNA	3200.544	0.246976	0.148438	1.663833	0.096146	0.21722
NXT1	464.8407	-0.08254	0.220629	-0.37412	0.708318	0.813279
POLR3F	234.2487	0.4036	0.17747	2.274185	0.022955	0.082916
RIN2	35.95076	0.189973	0.364582	0.521072	0.602317	NA
PTPRA	3013.167	-0.08027	0.139525	-0.57533	0.565067	0.702545
SSTR4	9.005877	0.269818	0.740381	0.364432	0.715536	NA
CTNNBL1	1395.045	-0.18123	0.134511	-1.34735	0.177868	0.330231
LPIN3	496.3892	-0.21045	0.180576	-1.16546	0.243833	0.406585
ZSWIM3	117.9249	-0.25028	0.251567	-0.9949	0.319785	0.487783
RBM38	230.6607	-0.28699	0.204993	-1.40002	0.161509	0.309069
VSTM2L	11.88974	-0.68267	0.719733	-0.9485	0.342876	NA
OSER1	1563.722	0.253485	0.168637	1.503141	0.132803	0.270093
SERINC3	3869.839	0.260153	0.136024	1.912552	0.055805	0.149437
PPP1R3D	402.6861	-0.12129	0.15588	-0.77811	0.436504	0.597202
	13.96696	0.003386	0.692771	0.004888	0.9961	NA
HMGB1P5	6.237208	0.326263	0.855511	0.381366	0.702932	NA
SUV420H2	121.7774	-0.09251	0.252581	-0.36627	0.714163	0.81767
HSPBP1	1290.769	-0.28737	0.126268	-2.2759	0.022852	0.082745
MORC2	947.8296	-0.34172	0.168949	-2.02263	0.043111	0.126537
LARGE	2016.539	-0.63967	0.132637	-4.82269	1.42E-06	2.02E-04
GSTT2B	8.327107	0.641343	0.706236	0.908113	0.363818	NA
SLC2A11	137.8539	0.249265	0.236045	1.056007	0.290965	0.457904
C1QTNF6	303.7121	-0.44818	0.191568	-2.33954	0.019308	0.073836
FAM83F	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA

SEC14L4	0.6908	0.277604	2.346083	0.118327	0.905809	NA
IRAK2	45.16764	-0.52108	0.351255	-1.48348	0.137947	NA
CAMK1	219.7807	-0.32821	0.253784	-1.29326	0.195921	0.351223
THUMPD3	563.7368	0.517299	0.188463	2.744822	0.006054	0.033634
VHL	679.7119	-0.27352	0.184629	-1.48145	0.138488	0.278172
BHLHE40	1435.409	-0.40542	0.207665	-1.9523	0.050903	0.140403
ARL8B	3054.357	0.124876	0.140479	0.888931	0.37404	0.540301
EDEM1	1875.488	0.041837	0.19511	0.214426	0.830215	0.89752
CNTN6	1.390854	2.478543	1.961142	1.263826	0.206292	NA
CHL1	722.4564	0.302944	0.263231	1.150867	0.249787	0.413579
YWHAQ	9947.318	1.34E-04	0.150713	8.88E-04	0.999292	0.999472
KIDINS220	2345.461	0.377653	0.213962	1.765043	0.077557	0.18741
GRHL1	7.931914	0.125478	0.704805	0.178033	0.858697	NA
ROCK2	1320.643	1.07122	0.843401	1.27012	0.204042	0.360758
RSAD2	69.37704	-1.3044	0.506112	-2.57729	0.009958	0.047051
LPIN1	2551.854	0.085467	0.155606	0.549251	0.582833	0.71638
CMPK2	402.5147	-1.0051	0.310668	-3.23529	0.001215	0.01178
IAH1	1736.494	0.141595	0.129597	1.092585	0.274576	0.440235
DHX34	415.5965	-0.43065	0.168581	-2.55453	0.010633	0.048992
PRADC1	809.9243	-0.20189	0.166	-1.21618	0.223917	0.384772
SEMA4F	1208.675	-0.39355	0.178796	-2.20111	0.027728	0.09425
CCT7	10015.37	-0.15311	0.129169	-1.18536	0.235875	0.398845
EGR4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RAB11FIP5	2670.655	-0.35978	0.18785	-1.91527	0.055457	0.148811
SMYD5	868.4293	-0.36543	0.156143	-2.34036	0.019265	0.073746
DYSF	12.67371	-0.25859	0.594958	-0.43463	0.663833	NA
CCDC142	186.1621	-0.1227	0.198965	-0.61667	0.537455	0.680573
GPR55	3.388535	-0.19891	1.161905	-0.17119	0.864075	NA
SP110	856.0045	-0.46123	0.237788	-1.93968	0.052418	0.142855
MRPL44	3397.733	-0.31293	0.137232	-2.28029	0.02259	0.082075
CHRND	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PAX3	2041.899	-0.20055	0.148527	-1.35029	0.176922	0.329058
DOCK10	892.5146	0.366402	0.251412	1.457373	0.145013	0.286953
TTLL4	927.0064	-0.55368	0.15621	-3.54446	3.93E-04	0.005852
USP37	156.3211	0.545017	0.237608	2.293765	0.021804	0.08035
HTR2B	4308.474	0.897067	0.277161	3.236623	0.00121	0.011773
ITM2C	20544.98	-0.10456	0.135164	-0.77356	0.43919	0.599011
SLC19A3	22.11972	-0.58365	0.507577	-1.14987	0.250199	NA
SERPINE2	21122.89	0.281572	0.221085	1.273595	0.202807	0.359115
DNAJB2	3124.265	-0.07313	0.150838	-0.48483	0.627795	0.750253
TMBIM1	8253.349	-0.16028	0.154458	-1.03768	0.299418	0.466338
CYP27A1	8048.371	-0.55986	0.17305	-3.23527	0.001215	0.01178
EIF4E2	1580.371	-0.02378	0.130073	-0.18286	0.85491	0.913749
ARMC9	7052.404	0.19425	0.136348	1.424672	0.154252	0.299387
CAB39	1384.498	0.405031	0.179308	2.258856	0.023892	0.085385
COX5B	6241.924	0.00557	0.159587	0.034899	0.97216	0.984681
REV1	528.9749	0.620101	0.168917	3.671036	2.42E-04	0.004366

TSGA10	49.56112	1.115019	0.435188	2.562154	0.010403	0.048343
MFSD9	377.771	0.189586	0.158259	1.197946	0.230938	0.393132
TMEM127	2593.182	-0.3741	0.16707	-2.23917	0.025145	0.088218
EDAR	0.326333	1.533889	3.826878	0.40082	0.688553	NA
TGFBRAP1	2817.758	-0.22998	0.146399	-1.57094	0.116197	0.246557
GCC2	355.4854	1.027308	1.125916	0.91242	0.361548	0.528818
MRPS9	361.4625	0.30133	0.224878	1.339969	0.180255	0.332803
GPR45	0.258578	1.233151	4.047809	0.304646	0.760635	NA
C2orf49	428.2546	0.674373	0.19548	3.449832	5.61E-04	0.007268
ANKRD36	38.04553	0.772081	0.561727	1.374477	0.169294	NA
EPC2	413.0524	0.704286	0.164515	4.280986	1.86E-05	8.82E-04
ARHGEF4	2.975254	0.137013	1.1669	0.117416	0.90653	NA
VILL	181.4889	-0.12807	0.199153	-0.64305	0.520191	0.667338
FLNB	618.0205	-0.53227	0.240938	-2.20918	0.027162	0.092718
SCN2A	12.24352	0.0934	0.589273	0.158501	0.874062	NA
TBR1	0.653072	0.258115	3.011926	0.085698	0.931707	NA
7-Mar	1137.078	0.543975	0.193722	2.808021	0.004985	0.029547
ERMN	0.582339	-1.69412	2.750801	-0.61586	0.537985	NA
GALNT5	57.69749	0.856932	0.460094	1.862513	0.062531	0.161927
SCN7A	1.490236	2.70501	1.918689	1.409822	0.158592	NA
TANK	877.7139	1.006434	0.219502	4.585068	4.54E-06	3.99E-04
CBWD2	139.2516	0.520206	0.266916	1.948947	0.051302	0.140999
IL1RN	0.84823	2.93367	2.713279	1.081227	0.279596	NA
SMPD4	1359.466	-0.37026	0.166818	-2.21956	0.026449	0.091282
WDR33	1021.147	0.098731	0.135894	0.726526	0.467516	0.624004
CCDC115	1324.537	-0.29875	0.146376	-2.041	0.041251	0.123057
SAP130	799.5784	-0.46084	0.147624	-3.12173	0.001798	0.015096
BIN1	1169.227	-0.43147	0.145802	-2.95927	0.003084	0.021631
IMP4	2244.646	-0.08918	0.160054	-0.55722	0.577378	0.712186
HS6ST1	335.0599	-0.25964	0.207144	-1.25343	0.210048	0.367763
UGGT1	2569.48	-0.28006	0.133226	-2.10214	0.035541	0.111053
GYPC	6096.033	-0.00539	0.147401	-0.03656	0.970834	0.983955
IFT172	679.8241	-0.3817	0.161008	-2.37068	0.017755	0.069688
EPT1	888.3038	0.452154	0.238716	1.894106	0.058211	0.153798
CGREF1	88.71383	0.001482	0.257086	0.005766	0.9954	0.997908
HADHB	5740.807	-0.15901	0.129243	-1.23032	0.218577	0.378116
KHK	137.0024	-0.00475	0.27253	-0.01744	0.986084	0.992622
ADCY3	1449.075	-0.22941	0.155522	-1.47511	0.140184	0.280391
PPM1B	1089.065	0.495862	0.16544	2.99722	0.002725	0.019937
PNPT1	889.1343	0.572798	0.245402	2.334116	0.01959	0.074698
DYNC2LI1	239.8853	0.714389	0.229973	3.106404	0.001894	0.015558
LHCGR	0.192403	0.975392	4.060716	0.240202	0.810174	NA
SMEK2	1110.908	0.68955	0.198136	3.48019	5.01E-04	0.006784
THUMPD2	98.87816	1.027521	0.310903	3.304956	9.50E-04	0.009992
CYP1B1	3269.513	0.496396	0.334466	1.484146	0.13777	0.277148
SULT6B1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RAB1A	5300.02	0.114058	0.138051	0.826199	0.408691	0.572402

ACTR2	7326.49	0.470103	0.172565	2.724207	0.006446	0.035027
PREB	2269.8	-0.14693	0.131788	-1.11494	0.264878	0.429314
SLC5A6	1123.003	-0.36001	0.176271	-2.04238	0.041114	0.122803
ABCG5	1.143305	1.751855	2.151234	0.814349	0.415445	NA
PREPL	1650.525	0.328019	0.186633	1.757567	0.078821	0.189295
SLC3A1	0.594599	-0.12152	2.771051	-0.04385	0.965021	NA
EMILIN1	286.6661	-0.72072	0.185688	-3.88137	1.04E-04	0.002626
FBXO11	1102.891	0.280729	0.225372	1.245629	0.212901	0.371604
SIX3	0.326536	0.037056	3.842554	0.009644	0.992306	NA
ATRAID	2488	-0.25164	0.148395	-1.69575	0.089934	0.207626
CENPO	429.9939	-0.21861	0.202851	-1.07769	0.28117	0.4473
LRPPRC	3475.989	0.329512	0.201082	1.638691	0.101278	0.22484
TRIM54	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DTNB	412.7463	-0.30963	0.178576	-1.73387	0.082942	0.195915
AOX1	22.60601	1.15677	0.524661	2.204796	0.027468	NA
ATIC	3728.931	-0.39938	0.16332	-2.44541	0.014469	0.060524
SMARCAL1	937.8664	-0.45965	0.165307	-2.78057	0.005426	0.031364
BARD1	163.9245	0.169045	0.239345	0.706283	0.480012	0.634563
STAT4	5.861493	0.780095	0.879749	0.886725	0.375227	NA
MSTN	3.395551	0.720309	1.271361	0.566565	0.57101	NA
CARF	99.46749	0.620222	0.2857	2.170889	0.02994	0.098867
ASNSD1	951.5385	0.790612	0.211987	3.729537	1.92E-04	0.00379
METTL5	576.3409	0.553953	0.174705	3.170796	0.00152	0.013653
SSB	894.0389	1.141769	0.655892	1.740787	0.081721	0.194149
NAB1	507.7519	0.591372	0.269722	2.19252	0.028342	0.09539
CDK15	113.8589	-0.03423	0.266535	-0.12844	0.897804	0.939904
PPIG	363.177	0.880889	0.95728	0.920199	0.357469	0.525021
FASTKD1	455.7435	0.708937	0.2128	3.33148	8.64E-04	0.009456
MDH1B	28.55908	0.10885	0.401575	0.271059	0.786346	NA
HECW2	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
IDH1	3868.425	0.272833	0.146973	1.856346	0.063404	0.163404
OLA1	1398.83	0.328906	0.161773	2.033135	0.042039	0.124655
CIR1	398.3278	0.943429	0.334309	2.822028	0.004772	0.02863
SSFA2	3953.71	0.71322	0.19379	3.68038	2.33E-04	0.004274
CHRNA1	16.84002	-0.0637	0.582574	-0.10934	0.912934	NA
FAM117B	203.9826	-0.22586	0.228091	-0.99022	0.322069	0.490258
WDR12	1125.99	0.343102	0.128885	2.662071	0.007766	0.039835
ABI2	809.7636	0.011842	0.182808	0.064779	0.94835	0.971147
ITGAV	2714.173	0.736196	0.28107	2.619263	0.008812	0.043419
SLC40A1	3.31461	0.433739	1.069846	0.405422	0.685167	NA
GUCD1	3303.35	-0.54531	0.126312	-4.31719	1.58E-05	8.22E-04
RNF185	1242.618	-0.34518	0.13534	-2.5505	0.010757	0.049294
KIAA1644	2.137295	0.691348	1.581597	0.43712	0.662024	NA
PARVG	0.574231	0.93227	2.49998	0.372911	0.709215	NA
PRDM15	225.7343	-0.09281	0.20657	-0.44927	0.653233	0.770862
PFKL	6783.42	-0.39772	0.116261	-3.42091	6.24E-04	0.007763
HUNK	123.2616	0.195687	0.285391	0.685679	0.492915	0.644197

COL6A1	2258.483	-0.47982	0.156658	-3.06288	0.002192	0.017165
IFNAR1	1429.635	0.212946	0.159006	1.339236	0.180494	0.333033
SOD1	7096.327	0.148853	0.144739	1.028423	0.303751	0.470961
COL6A2	1339.079	-0.01852	0.200165	-0.09252	0.926285	0.958156
SIK1	121.3059	-0.53322	0.34551	-1.5433	0.122759	0.256442
TRPM2	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
TMEM50B	920.1705	0.172639	0.172638	1.000005	0.317308	0.485004
APP	14735.79	-0.12324	0.118499	-1.04	0.29834	0.46531
DOPEY2	495.1476	-0.72287	0.193051	-3.74446	1.81E-04	0.003645
URB1	2144.019	-0.54669	0.176683	-3.0942	0.001973	0.016057
EMP3	7166.195	-0.33715	0.174347	-1.93379	0.053139	0.144222
SAE1	5013.211	-0.16073	0.136801	-1.17491	0.240032	0.403304
NTN5	1.465099	1.176849	1.91655	0.614046	0.539185	NA
LMTK3	36.94602	-0.40812	0.347629	-1.17401	0.240389	NA
GEMIN7	240.8261	-0.20668	0.18805	-1.09904	0.271749	0.437003
RNPEPL1	4583.408	-0.41802	0.152427	-2.74244	0.006098	0.033788
CAPN10	643.2009	-0.10603	0.174594	-0.60732	0.543638	0.685451
ERVK3-1	158.1958	0.555328	0.209787	2.647103	0.008118	0.04099
ZNF787	1227.594	-0.33926	0.150066	-2.26075	0.023774	0.085143
ACPT	1.035046	-0.72706	1.945928	-0.37363	0.708677	NA
ZNF473	245.7824	-0.06386	0.211408	-0.30209	0.762584	0.85255
FAM71E1	3.096941	0.328808	1.177613	0.279216	0.780079	NA
RPS11	33531.3	0.260528	0.138449	1.881759	0.059869	0.157093
RPL13A	49570.3	-0.06065	0.121388	-0.49967	0.617307	0.742508
CTU1	271.1721	-0.25949	0.200226	-1.29598	0.194981	0.350068
NOSIP	1748.064	-0.03657	0.150047	-0.24372	0.80745	0.885096
IGLON5	26.52116	1.181085	0.661378	1.785795	0.074132	NA
RCN3	182.9088	-0.13765	0.298208	-0.46158	0.644385	0.763536
ZNF614	126.5015	0.516691	0.235245	2.196399	0.028063	0.094838
	109.9269	0.203824	0.228993	0.890088	0.373419	0.539792
ACP1	1553.693	0.64819	0.163993	3.952541	7.73E-05	0.002172
MBOAT2	658.357	0.306776	0.17692	1.733981	0.082921	0.195915
OSR1	0.652869	1.292592	2.374873	0.544278	0.58625	NA
GDF7	0.420954	1.923376	3.462803	0.555439	0.578594	NA
PDIA6	5800.36	-0.13959	0.123622	-1.12915	0.258834	0.423177
RHOB	4990.295	-0.0832	0.205999	-0.40389	0.686297	0.795623
ATP6V1C2	15.46788	0.805779	0.537941	1.497896	0.13416	NA
HNRNPLL	1535.197	0.133585	0.147573	0.905213	0.365353	0.532553
GALM	2159.889	-0.06879	0.133828	-0.514	0.607251	0.735038
CAMKMT	273.805	-0.0075	0.175945	-0.04263	0.965996	0.981393
EML4	661.0573	0.119871	0.188185	0.636987	0.524133	0.670307
CALM2	11686.83	0.232642	0.148603	1.565523	0.11746	0.248216
CHAC2	73.01953	0.461211	0.303445	1.519919	0.128531	0.264779
RPS27A	12772.86	0.443473	0.158745	2.793613	0.005212	0.030399
WDPCP	123.2946	0.004223	0.262334	0.016098	0.987156	0.993273
VPS54	498.2694	0.426191	0.219829	1.938735	0.052534	0.143104
ASXL2	1188.29	-0.12343	0.153318	-0.80503	0.420805	0.583536

ETAA1	173.5946	1.009792	0.378627	2.666986	0.007653	0.039466
SNRPG	1003.545	0.42504	0.16305	2.606811	0.009139	0.044457
ABHD1	9.92242	0.212346	0.66439	0.31961	0.749264	NA
MEIS1	129.8157	-0.17499	0.262618	-0.66632	0.505206	0.654702
TRIM43B	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TRIM43	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CIAO1	2506.709	-0.11912	0.11683	-1.01959	0.307925	0.475133
ZNF514	147.3799	0.215525	0.240953	0.89447	0.37107	0.53772
SNRNP200	6753.174	-0.46447	0.131293	-3.53766	4.04E-04	0.005952
MRPS5	1663.035	0.163434	0.128469	1.272163	0.203315	0.359796
ANKRD53	46.85149	-0.69422	0.337495	-2.05696	0.03969	NA
TPRKB	362.9247	0.550445	0.176318	3.121897	0.001797	0.015096
NAT8	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
EXOC6B	1583.561	-0.14041	0.143414	-0.97907	0.327544	0.495828
SFXN5	313.6226	-0.09287	0.167811	-0.55342	0.579977	0.713906
TEX261	3303.278	-0.27138	0.166875	-1.62623	0.1039	0.228948
DQX1	0.987484	1.983755	2.381011	0.833157	0.404756	NA
DUSP11	453.9281	0.316026	0.182077	1.735672	0.082622	0.195427
ST6GAL2	0.783004	-0.66714	2.898037	-0.2302	0.817934	NA
NPHP1	100.5893	0.693026	0.270975	2.557529	0.010542	0.048723
MALL	5.428448	-0.15699	0.963128	-0.163	0.870516	NA
THNSL2	438.7062	-0.41737	0.19639	-2.12524	0.033567	0.107001
RALB	1620.275	0.144003	0.143457	1.003804	0.315473	0.482886
TMEM177	462.8887	-0.21598	0.182788	-1.18159	0.237368	0.400283
NT5DC4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RABL2A	138.478	0.042255	0.225189	0.18764	0.851158	0.911516
SLC20A1	1404.946	-0.05671	0.159764	-0.35496	0.722622	0.823698
FBLN7	73.60003	-0.79312	0.270967	-2.927	0.003423	0.022949
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ZC3H8	59.36606	0.818428	0.325739	2.512527	0.011987	0.053383
LIPT1	82.91151	0.688199	0.254317	2.706072	0.006808	0.036429
CNGA3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAHD2B	301.0608	-0.38271	0.215339	-1.77724	0.075529	0.183785
LYG1	4.607726	-0.05412	1.088989	-0.0497	0.96036	NA
AFF3	89.15721	-0.74814	0.341276	-2.19218	0.028367	0.09539
UBXN4	1214.584	0.935021	0.317089	2.948766	0.00319	0.022067
SPOPL	233.9118	0.696601	0.191104	3.645129	2.67E-04	0.004599
THSD7B	0.440301	0.468383	3.449808	0.135771	0.892003	NA
GPR17	6.142073	0.044894	0.834691	0.053785	0.957107	NA
POLR2D	539.1971	-0.1489	0.184602	-0.80658	0.419911	0.58289
AMMECR1I	1870.37	-0.30404	0.132984	-2.28628	0.022238	0.081443
PKP4	1281.068	0.066097	0.140966	0.468886	0.639151	0.759385
SCN1A	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SLC4A10	1.376428	-1.32951	2.007901	-0.66214	0.507882	NA
SCRN3	324.899	0.668953	0.254344	2.630108	0.008536	0.042322
KIAA1715	830.4767	0.574806	0.2253	2.551296	0.010732	0.049294
ZNF385B	0.258578	1.233151	4.047809	0.304646	0.760635	NA

TMEFF2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CDCA7	123.5023	0.096178	0.317387	0.30303	0.761867	0.851908
DLX1	128.3298	0.112541	0.258199	0.435868	0.662932	0.778356
UBR3	1036.702	0.500795	0.219774	2.278676	0.022686	0.082322
PHOSPHO2	25.09976	0.777427	0.445123	1.746546	0.080716	NA
GULP1	1616.456	1.028954	0.232213	4.431078	9.38E-06	6.11E-04
FAM171B	300.5383	0.686002	0.272468	2.517729	0.011811	0.05276
HSPD1	6494.428	0.293683	0.164226	1.788288	0.07373	0.181055
CCDC150	26.87282	1.777278	0.458657	3.874964	1.07E-04	NA
METTL21A	214.8516	0.127716	0.17915	0.712902	0.475907	0.630941
UNC80	7.999178	-0.34415	0.77978	-0.44134	0.658966	NA
PTH2R	8.446619	-0.64792	0.762368	-0.84988	0.395394	NA
CPO	2.642062	1.686433	1.542721	1.093155	0.274326	NA
NBEAL1	415.7627	0.9859	0.612404	1.609885	0.107423	0.233913
KANSL1L	294.2237	0.551053	0.227318	2.424152	0.015344	0.062965
SPAG16	241.3742	0.187328	0.213283	0.878307	0.379777	0.546126
ABCA12	43.66635	-0.37914	0.44245	-0.85692	0.391491	NA
SUMF1	1623.076	-0.124	0.167615	-0.73977	0.45944	0.617857
RHBDD1	414.6351	-0.03914	0.177496	-0.22049	0.825493	0.895106
ACKR3	0.327913	1.543154	4.021063	0.383768	0.701151	NA
TRPM8	45.65487	1.479759	0.413261	3.580688	3.43E-04	NA
HES6	5688.674	-0.41099	0.191478	-2.14641	0.03184	0.103399
ESPNL	1.586192	-0.40493	1.57816	-0.25658	0.797501	NA
ANKMY1	161.1998	-0.14259	0.247236	-0.57672	0.56413	0.702054
COPS7B	780.0015	-0.32247	0.142489	-2.26316	0.023626	0.084695
DIS3L2	1096.043	-0.3524	0.156476	-2.2521	0.024316	0.086308
CPNE9	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FANCD2	628.6819	-0.42544	0.214511	-1.98331	0.047332	0.13392
TAMM41	215.0552	-0.27954	0.206255	-1.35532	0.175315	0.327146
VGLL4	2084.108	0.090743	0.197872	0.458593	0.646527	0.765233
RAB5A	1789.652	0.554262	0.180193	3.075937	0.002098	0.016685
FAM134A	5797.673	-0.35429	0.144894	-2.4452	0.014477	0.060538
CTDSP1	2378.295	-0.26344	0.146636	-1.79653	0.07241	0.178874
RQCD1	1706.692	-0.22841	0.140323	-1.62773	0.103581	0.228287
4-Mar	12.95796	0.577097	1.005255	0.57408	0.565913	NA
STK11IP	946.2693	-0.43447	0.157553	-2.75762	0.005822	0.032734
GMPPA	1231.057	-0.25146	0.143594	-1.75121	0.07991	0.191226
GRIP2	0.719393	-0.9644	2.652838	-0.36354	0.716204	NA
EAF1	455.8167	0.102612	0.166871	0.614917	0.538609	0.681093
CNTN4	59.02051	0.977862	0.333535	2.93181	0.00337	0.022712
DYNC1LI1	1274.873	0.732995	0.189253	3.873092	1.07E-04	0.002688
RBMS3	79.67314	-0.12672	0.365517	-0.34669	0.728827	0.827926
GADL1	2.94063	0.01549	1.164381	0.013303	0.989386	NA
OSBPL10	1416.897	0.06267	0.161942	0.386993	0.698762	0.806239
POMGNT2	949.8415	-0.33811	0.16892	-2.00162	0.045326	0.130359
ACKR2	4.28352	-0.06196	1.002882	-0.06178	0.950737	NA
FAM198A	6.279148	-0.76742	0.861271	-0.89103	0.372912	NA

CSRNP1	215.7663	0.1896	0.321243	0.590209	0.55505	0.695073
SLC25A38	688.3896	-0.35263	0.15378	-2.29309	0.021843	0.080418
ITGA9	80.31749	-0.81812	0.347556	-2.35392	0.018576	0.071874
SLC22A14	1.945123	1.531652	1.629791	0.939784	0.347328	NA
GOLGA4	873.1381	1.012422	1.300792	0.778312	0.436385	0.597177
CTDSPL	1448.221	-0.13349	0.130119	-1.02587	0.304951	0.472185
STAC	22.25644	-0.37709	0.504536	-0.74739	0.454825	NA
IQSEC1	1082.086	-0.50901	0.2152	-2.36527	0.018017	0.07033
CAND2	156.1207	-0.48037	0.255248	-1.88199	0.059837	0.157045
RPL32	14828.65	0.255243	0.156569	1.630228	0.103053	0.227389
PTPRG	697.4879	-0.15064	0.19967	-0.75447	0.450569	0.609899
IL17RD	109.6929	-0.67432	0.252649	-2.66901	0.007608	0.039383
SLC25A26	832.689	0.030777	0.160039	0.192308	0.847501	0.909159
TMF1	390.8645	1.186449	0.738194	1.607233	0.108003	0.234803
LRIG1	242.3113	0.091341	0.187547	0.487031	0.626236	0.749266
LIMD1	2834.499	-0.97241	0.218693	-4.44649	8.73E-06	5.78E-04
ZNF660	16.78369	0.327867	0.567174	0.578071	0.563216	NA
AMT	37.60942	-0.44288	0.381246	-1.16167	0.245369	NA
TCTA	1789.28	-0.24115	0.119177	-2.02346	0.043026	0.126367
NICN1	549.154	-0.52802	0.154719	-3.41276	6.43E-04	0.007876
UCN2	480.0695	0.918368	0.633983	1.448568	0.147458	0.290626
VPRBP	742.7472	-0.22364	0.16973	-1.31762	0.187629	0.341836
MANF	2027.703	0.141224	0.160933	0.877535	0.380196	0.546453
	1.710434	0.70104	1.69845	0.412753	0.679788	NA
ANO7	102.0865	-0.22043	0.302984	-0.72752	0.466907	0.623713
WASH2P	111.2058	0.040005	0.236059	0.169468	0.865428	0.920317
SLX4IP	26.86509	-0.11441	0.437581	-0.26147	0.79373	NA
ADAM33	1.493931	-0.17651	1.55812	-0.11328	0.909808	NA
CSRP2BP	682.4753	-0.23957	0.144223	-1.66107	0.096699	0.21817
TMC2	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
FRG1B	271.8091	0.05564	0.223379	0.249083	0.803296	0.882175
JPH2	249.8865	-0.01073	0.303184	-0.0354	0.971758	0.984547
DUSP15	276.2334	-0.19065	0.188076	-1.01369	0.310729	0.478203
COMMD7	1759.808	-0.10881	0.16652	-0.65345	0.513468	0.660715
C20orf144	0.326333	1.533889	3.826878	0.40082	0.688553	NA
KIAA1755	78.02091	-0.05388	0.417802	-0.12895	0.897395	0.939815
SPATA25	6.974181	-0.0644	0.83478	-0.07715	0.938504	NA
DSN1	412.15	0.324652	0.200111	1.622355	0.104727	0.230128
SOGA1	2293.368	-0.73284	0.250177	-2.9293	0.003397	0.022819
CNBD2	3.338084	-0.18775	1.206716	-0.15558	0.876361	NA
LSM14B	990.6095	-0.14989	0.149928	-0.99974	0.317436	0.485136
YTHDF1	1244.582	-0.19895	0.133222	-1.49341	0.135331	0.27404
CABLES2	247.0948	-0.48541	0.195291	-2.48558	0.012934	0.05628
HNMT	1080.519	0.512842	0.260146	1.971361	0.048683	0.136341
LYPD1	804.2559	0.739407	0.574523	1.286992	0.198097	0.353894
LYPD6B	1.209536	1.431081	1.892393	0.756228	0.449512	NA
PPP1R1C	5.890479	-0.81139	1.012334	-0.80151	0.422838	NA

C2orf50	0.528424	-0.38142	2.853651	-0.13366	0.893671	NA
CRIM1	1020.903	0.370416	0.185935	1.992186	0.046351	0.132315
ITPR1	419.6001	0.026471	0.158911	0.166575	0.867705	0.921425
NGLY1	403.435	0.458116	0.196304	2.333706	0.019611	0.074735
OXSM	306.0267	0.099457	0.167791	0.592745	0.553352	0.693776
MAGI1	23.56808	-0.02893	0.695055	-0.04163	0.966798	NA
TMEM18	639.5	0.018445	0.143806	0.12826	0.897943	0.939966
PIGF	246.9053	0.198742	0.199586	0.995772	0.319361	0.487199
ANKAR	11.12163	0.887991	0.617652	1.437689	0.150522	NA
INPP1	726.2152	0.077044	0.216748	0.355456	0.722248	0.823531
MFSD6	634.4537	0.298535	0.151798	1.966665	0.049222	0.137268
RNF144A	1395.187	-0.56285	0.210902	-2.66877	0.007613	0.039391
ASAP2	1535.443	0.250463	0.178159	1.40584	0.159772	0.306935
ADAM17	431.7217	0.456834	0.176324	2.590882	0.009573	0.045835
NBAS	1506.793	-0.2822	0.131013	-2.15396	0.031243	0.101895
KCNE4	2353.98	-0.56835	0.207547	-2.73841	0.006174	0.033979
AP1S3	124.1859	0.225647	0.22562	1.000118	0.317253	0.484982
CCDC74B	62.34053	0.165031	0.345624	0.477486	0.633016	0.754818
MZT2B	1289.863	-0.10798	0.149289	-0.7233	0.469498	0.625866
FAM168B	3055.543	-0.07891	0.12528	-0.62985	0.528794	0.673961
	138.2613	-0.01683	0.22592	-0.07449	0.940617	0.966779
MGAT5	3814.072	-0.14101	0.193887	-0.72729	0.467047	0.623713
TMEM163	1.216567	-0.28085	1.97818	-0.14197	0.887102	NA
GPATCH11	254.3596	1.226258	0.220458	5.562317	2.66E-08	1.50E-05
GEMIN6	505.8092	0.373828	0.212438	1.759708	0.078457	0.188702
TMEM178A	2.374817	2.591957	1.575311	1.645362	0.099895	NA
SPC25	149.691	-0.09101	0.28778	-0.31625	0.751815	0.844731
PDK1	141.6999	0.162299	0.242685	0.668763	0.503647	0.653539
TCF7L1	458.3126	-0.45069	0.194761	-2.31405	0.020665	0.077477
TGOLN2	6705.606	-0.30778	0.157162	-1.95835	0.050189	0.138943
SH2D6	2.789432	-0.1464	1.272725	-0.11503	0.908423	NA
ZNF547	54.01912	0.548958	0.321366	1.708204	0.087598	0.203424
ZNF773	145.4273	-0.13721	0.249285	-0.5504	0.582043	0.715632
ZNF776	375.2133	0.307421	0.194516	1.58044	0.114006	0.243127
ZNF256	78.31338	0.07667	0.31994	0.239638	0.810611	0.886758
ZNF837	105.5965	-0.44616	0.232305	-1.92057	0.054786	0.14751
ZFP36L2	1363.389	-0.50185	0.20313	-2.47059	0.013489	0.057751
PLEKHH2	131.2494	0.95846	0.278745	3.438486	5.85E-04	0.007457
GPD1L	775.8945	-0.04994	0.154988	-0.32221	0.747296	0.84124
CLEC4F	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SLC30A6	694.4137	0.277919	0.196325	1.415607	0.156891	0.303119
RASGRP3	696.9078	0.616534	0.217947	2.828822	0.004672	0.028187
ACMSD	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
ACOXL	0.585114	1.12675	2.73598	0.411827	0.680466	NA
BCL2L11	117.3665	-0.39968	0.29537	-1.35316	0.176003	0.328121
ANAPC1	858.3907	-0.17447	0.159326	-1.09507	0.273486	0.43932
RGPD3	0.748867	2.740193	2.468928	1.109871	0.267054	NA

RANBP2	1386.806	0.541949	0.287781	1.883196	0.059674	0.156754
MERTK	123.8198	0.362015	0.236062	1.533557	0.125139	0.260016
TMEM87B	602.1014	0.428662	0.150394	2.85026	0.004368	0.026944
NR4A2	342.6674	0.17997	0.209399	0.859459	0.390087	0.555494
CCDC148	7.922402	0.990735	0.816615	1.213221	0.225045	NA
PLA2R1	402.134	0.486355	0.17423	2.791461	0.005247	0.030564
RBMS1	1137.103	0.465712	0.251873	1.848991	0.064459	0.165367
SCN3A	5.081602	1.592675	0.936965	1.699824	0.089164	NA
CMTM7	460.4764	-0.18601	0.165256	-1.12558	0.260343	0.424593
FBXL2	512.7023	0.133894	0.160627	0.833568	0.404525	0.569031
UBP1	2032.962	0.033182	0.129979	0.255284	0.798503	0.878213
RMND5A	862.9789	0.15476	0.212808	0.727226	0.467088	0.623713
CD8A	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
RPIA	318.9731	0.109894	0.165274	0.664923	0.5061	0.655288
SPHKAP	1.24767	0.253795	1.932703	0.131316	0.895525	NA
PID1	0.613743	-0.17004	2.749758	-0.06184	0.950691	NA
TRIP12	4827.188	0.201036	0.145685	1.379942	0.167604	0.317106
FBXO36	68.26428	-0.1163	0.289257	-0.40208	0.687628	0.796777
GAL3ST2	0.689366	-1.56115	2.700123	-0.57818	0.563145	NA
CCDC173	1.71604	-0.01617	1.776198	-0.00911	0.992735	NA
ATP5G3	6538.456	-0.01894	0.146499	-0.1293	0.897122	0.939771
CXADR	32.3714	0.24154	0.412122	0.586088	0.557816	NA
BTG3	1168.041	0.770304	0.147906	5.208062	1.91E-07	5.14E-05
C21orf91	881.1706	0.576796	0.268591	2.147486	0.031755	0.103214
CHODL	6.120558	-0.3267	0.855491	-0.38189	0.702542	NA
NCAM2	694.2676	0.525127	0.293199	1.791024	0.073289	0.180408
MRPL39	588.9505	0.365877	0.1597	2.291024	0.021962	0.080757
JAM2	4.435655	1.633151	1.204899	1.355425	0.175282	NA
ATP5J	2192.482	0.273965	0.145608	1.881529	0.0599	0.157094
GABPA	328.629	0.813092	0.316633	2.567934	0.010231	0.047882
ADAMTS1	236.2828	0.150378	0.182754	0.822842	0.410598	0.573995
ADAMTS5	4.980102	1.156546	1.06022	1.090855	0.275337	NA
TSEN2	329.6294	0.265325	0.18058	1.469296	0.141753	0.282575
XPC	1308.098	0.167189	0.179829	0.929714	0.352519	0.520437
CCDC174	335.1057	0.753997	0.208041	3.62427	2.90E-04	0.004811
FGD5	0.288605	1.443619	4.029058	0.358302	0.720117	NA
DPH3	1221.275	0.443665	0.181664	2.442234	0.014597	0.060786
OXNAD1	377.9143	0.1457	0.161454	0.902427	0.36683	0.534116
PLCL2	173.121	0.129002	0.242719	0.531487	0.595081	0.725343
ACSS1	894.3565	-0.67904	0.215025	-3.15798	0.001589	0.014065
CNTNAP5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PROM2	2.614297	-0.35047	1.216186	-0.28817	0.773216	NA
HSPA13	1216.391	0.72489	0.191187	3.791517	1.50E-04	0.003239
USP25	712.9634	0.552953	0.234948	2.353511	0.018597	0.071931
DBI	4476.611	0.63816	0.162562	3.925633	8.65E-05	0.002336
NIFK	538.8157	0.887016	0.235602	3.764886	1.67E-04	0.003495
RBM45	250.0677	0.416442	0.226683	1.837114	0.066193	0.16789

TTN	148.0957	0.932997	0.231189	4.035654	5.45E-05	0.001728
KCTD18	322.9648	0.148612	0.173802	0.855068	0.392514	0.557543
FAM126B	118.0701	0.243893	0.287453	0.848462	0.396181	0.56087
ALS2CR12	12.74255	1.045826	0.639823	1.634554	0.102143	NA
ALS2CR11	15.5973	0.745515	0.552708	1.348842	0.177388	NA
TMEM237	428.9862	0.219608	0.170747	1.286165	0.198386	0.354196
FZD7	427.065	-0.185	0.388423	-0.4763	0.633863	0.755448
N6AMT1	264.9358	0.500791	0.206557	2.424471	0.015331	0.062931
RWDD2B	713.9112	0.119082	0.160729	0.740889	0.458761	0.617112
USP16	567.493	1.214178	0.303876	3.995642	6.45E-05	0.001931
CCT8	4676.723	0.30025	0.143796	2.088032	0.036795	0.113713
MAP3K7CL	15.49427	0.618208	0.663146	0.932235	0.351215	NA
BACH1	668.9186	0.895318	0.184397	4.855393	1.20E-06	1.79E-04
TIAM1	394.1118	-0.29211	0.180728	-1.6163	0.106029	0.231871
SCAF4	855.1391	-0.54844	0.166675	-3.29048	0.001	0.010337
LHFPL4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
B3GNT7	15.91213	-0.77474	0.507387	-1.52693	0.126779	NA
PDE6D	846.3557	-0.02822	0.182566	-0.15457	0.87716	0.926461
BRPF1	643.9631	-0.30019	0.152665	-1.96636	0.049257	0.13727
RPUSD3	1215.339	-0.21706	0.139526	-1.55572	0.119774	0.251758
TATDN2	2042.227	-0.28967	0.201136	-1.44015	0.149825	0.293243
GHRL	1.154989	-0.15951	1.966205	-0.08112	0.935343	NA
SEC13	2750.207	-0.06808	0.14285	-0.47661	0.633642	0.755323
EXOG	342.9944	-0.03117	0.177498	-0.17562	0.860592	0.917227
TIMP4	63.90203	0.387465	0.47514	0.815477	0.414799	0.578115
SYN2	5.495967	0.110851	0.888614	0.124746	0.900725	NA
CACNA1D	34.70031	0.067817	0.378472	0.179187	0.857791	NA
CACNA2D3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
APPL1	559.4901	0.646914	0.286507	2.257937	0.02395	0.085416
DSCR3	3298.258	-0.01077	0.131311	-0.08203	0.934624	0.963308
DYRK1A	780.3181	0.133757	0.152775	0.875517	0.381293	0.547441
ERG	0.682693	2.623213	2.518338	1.041645	0.297576	NA
ETS2	346.5483	0.048972	0.189916	0.25786	0.796515	0.87685
LCA5L	7.595756	0.722768	0.747439	0.966993	0.333548	NA
MX1	6898.78	-1.14641	0.310741	-3.68928	2.25E-04	0.004177
C2CD2	270.7961	-0.30013	0.195854	-1.53243	0.125417	0.260388
FMNL2	254.2926	0.018195	0.270371	0.067295	0.946347	0.970016
GAREML	196.269	-0.22483	0.23615	-0.95208	0.341056	0.509157
DRC1	1.439667	1.722755	1.816404	0.948443	0.342904	NA
AGAP1	939.5245	0.150188	0.160399	0.936343	0.349097	0.517189
KRTCAP3	2.08364	0.821011	1.46384	0.560861	0.574892	NA
BRE	1045.184	-0.39922	0.163472	-2.44214	0.0146	0.060786
DUSP2	9.280623	0.12476	0.698272	0.17867	0.858197	NA
GALNT14	156.2274	-0.41589	0.315933	-1.31638	0.188048	0.342128
CNNM4	411.3362	-0.59414	0.176355	-3.36899	7.54E-04	0.008786
SLC13A3	125.9975	-0.51098	0.250215	-2.04217	0.041135	0.122803
MITD1	213.8396	1.049256	0.25474	4.118936	3.81E-05	0.001415

EIF5B	1540.712	0.761038	1.015885	0.749138	0.453774	0.612629
C2orf62	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
CNOT11	1294.379	-0.31356	0.141915	-2.20953	0.027138	0.092684
KCNB1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
B4GALT5	3095.862	-0.53878	0.143779	-3.74729	1.79E-04	0.003621
SPATA2	347.6494	-0.45723	0.192409	-2.37634	0.017485	0.069119
ZFAND2B	854.5722	-0.10069	0.176167	-0.57154	0.567636	0.70442
MIS18A	225.8312	0.039118	0.198202	0.197365	0.843542	0.906882
C21orf59	32.07704	0.386745	0.406501	0.951401	0.341401	NA
SYNJ1	479.2123	-0.06069	0.180462	-0.33632	0.736628	0.833121
PAXBP1	297.7144	1.159581	0.324899	3.569051	3.58E-04	0.005531
IFNAR2	259.8209	0.073952	0.171493	0.431227	0.666303	0.780999
IFNGR2	1382.111	0.124496	0.133728	0.930965	0.351872	0.52
GART	2495.654	-0.01036	0.140563	-0.07368	0.941266	0.967169
SON	3990.456	-0.07194	0.197518	-0.36424	0.715679	0.81867
DONSON	319.4789	0.346845	0.194978	1.778889	0.075258	0.183237
KCNE2	3.878343	0.808628	1.20882	0.66894	0.503534	NA
RCAN1	10373.7	0.187936	0.205571	0.914218	0.360602	0.52777
CLIC6	43.55567	0.735031	0.613231	1.19862	0.230676	NA
RUNX1	958.9044	-0.23196	0.215543	-1.07615	0.281861	0.448098
CBR1	2984.334	-0.18047	0.145045	-1.24421	0.21342	0.372096
CBR3	777.7217	-0.2267	0.156282	-1.4506	0.14689	0.289747
C2orf81	134.616	-0.44721	0.26024	-1.71844	0.085717	0.200271
MORC3	634.3709	0.819104	0.329716	2.484271	0.012982	0.05641
CHAF1B	309.0343	-0.18305	0.21306	-0.85914	0.390266	0.555681
CLDN14	20.62101	0.81463	0.462055	1.763059	0.07789	NA
SIM2	3.4531	0.55852	1.251527	0.446271	0.655402	NA
HLCS	752.5962	0.002508	0.14554	0.017235	0.986249	0.992697
SCUBE1	0.488912	0.771583	2.897678	0.266276	0.790026	NA
M1AP	11.13466	0.120114	0.66524	0.180557	0.856715	NA
HK2	2227.67	-0.38732	0.145798	-2.65655	0.007895	0.040341
RGL4	15.55322	-0.16684	0.620974	-0.26867	0.788181	NA
CCDC117	442.1044	0.250374	0.186752	1.340679	0.180025	0.332584
ZNF222	68.15122	0.84373	0.287977	2.929858	0.003391	0.022819
ZNF233	48.06442	0.074332	0.339018	0.219258	0.826449	0.895572
ZNF235	89.08839	0.381667	0.251309	1.518716	0.128834	0.265134
TNFRSF13C	1.467268	-0.8203	1.674139	-0.48998	0.624146	NA
ARHGAP35	3447.224	-0.28846	0.15644	-1.84389	0.065199	0.166489
PTGIR	2.276578	-0.67486	1.369131	-0.49291	0.622078	NA
CALM3	7998.055	-0.50313	0.155745	-3.23047	0.001236	0.011864
ABCG1	4.072117	-0.27203	1.015369	-0.26792	0.788764	NA
TFF3	263.5033	-0.36762	0.214048	-1.71748	0.085891	0.200558
TFF2	1.946346	1.109615	1.463021	0.75844	0.448187	NA
RSPH1	5.267224	0.461082	0.864758	0.533192	0.593901	NA
SLC37A1	499.6478	-0.12941	0.161341	-0.80206	0.422518	0.584968
PDE9A	1.333192	-0.17938	1.88139	-0.09534	0.924042	NA
WDR4	337.118	-0.31323	0.199575	-1.56948	0.116537	0.246836

NDUFV3	1119.239	-0.11617	0.145477	-0.79857	0.42454	0.586587
PKNOX1	223.0911	0.131698	0.275953	0.477248	0.633185	0.754944
CBS	341.3515	0.178417	0.190996	0.934141	0.350231	0.518221
U2AF1	1692.757	0.086549	0.131112	0.660118	0.509178	0.657545
HSF2BP	16.49601	0.471613	0.533286	0.884353	0.376506	NA
RRP1B	931.5942	-0.20461	0.164879	-1.24095	0.214626	0.373586
PDXK	1737.25	-0.33445	0.193207	-1.73106	0.083442	0.196777
CSTB	6374.015	-0.04528	0.194558	-0.23272	0.815979	0.889858
RRP1	1183.85	-0.19502	0.167105	-1.16703	0.243198	0.406164
AGPAT3	3402.644	-0.4563	0.133482	-3.4184	6.30E-04	0.007785
TRAPPC10	1531.066	0.08865	0.144522	0.613401	0.539611	0.681774
C21orf33	1303.842	-0.29805	0.150665	-1.97822	0.047904	0.134949
ICOSLG	9.427146	0.079445	0.756742	0.104983	0.91639	NA
AIRE	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
C21orf2	386.7072	-0.20085	0.183656	-1.09361	0.274126	0.439821
LRRC3	109.1021	-0.49535	0.413716	-1.19731	0.231185	0.393327
ITGB2	2.912992	1.48646	1.407855	1.055833	0.291044	NA
FAM207A	582.9244	-0.20985	0.180679	-1.16143	0.245467	0.408479
FTCD	1.187588	2.257887	1.988061	1.135723	0.256072	NA
SPATC1L	421.9755	-0.34548	0.162998	-2.11952	0.034047	0.107834
LSS	7433.024	-0.56393	0.139148	-4.05273	5.06E-05	0.001658
MCM3AP	2242.646	-0.35026	0.148742	-2.3548	0.018533	0.071752
C21orf58	148.7237	-0.14338	0.246127	-0.58256	0.560191	0.698472
PCNT	785.1696	0.004057	0.207636	0.019539	0.984411	0.991773
DIP2A	930.1956	-0.0425	0.172986	-0.24566	0.805942	0.884098
S100B	57275.32	0.20371	0.241319	0.844153	0.398584	0.563397
PRMT2	4375.279	-0.04235	0.141518	-0.29927	0.764737	0.853834
CLDND2	8.354036	1.118433	0.806799	1.38626	0.165668	NA
ZNF761	107.3522	0.686537	0.345166	1.989006	0.046701	0.132894
RDH13	263.5359	-0.34407	0.184906	-1.86075	0.062779	0.162216
BRSK1	381.5925	0.073915	0.18596	0.397476	0.691016	0.799922
COX6B2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ANO10	1672.846	-0.15783	0.147559	-1.06961	0.284794	0.45116
NBEAL2	547.1419	-0.31113	0.263029	-1.18287	0.236859	0.399729
CCDC12	653.4129	0.069014	0.155505	0.443806	0.657183	0.773905
PTH1R	3.523716	0.540587	1.457378	0.370931	0.710689	NA
MYL3	1.006656	-0.39276	2.040151	-0.19251	0.847339	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.710345	-1.18879	1.095121	-1.08553	0.277687	NA
TUBA3FP	14.2814	0.122055	0.566431	0.21548	0.829393	NA
YDJC	610.5633	-0.36674	0.156644	-2.34125	0.019219	0.073617
CCDC116	2.564951	1.131087	1.385234	0.816531	0.414196	NA
ZNF577	76.74944	0.804511	0.287019	2.802993	0.005063	0.029892
TMEM143	219.5014	-0.43089	0.196769	-2.18984	0.028536	0.095833
ALDH16A1	1422.867	-0.51166	0.136029	-3.76141	1.69E-04	0.003497
SIGLEC16	1.276206	-1.07269	2.030043	-0.52841	0.597216	NA
IZUMO2	0.35636	1.709252	3.651833	0.468053	0.639746	NA

EMC10	4970.984	-0.31039	0.12057	-2.57437	0.010042	0.047332
JOSD2	1196.966	-0.29986	0.157277	-1.90659	0.056574	0.150648
SHANK1	355.2375	-0.25662	0.199701	-1.28501	0.198787	0.354753
RPL29	14027	0.017902	0.169475	0.105633	0.915873	0.951316
ITIH3	32.91392	-0.39307	0.583289	-0.67389	0.50038	NA
DCP1A	688.5955	-0.2588	0.15865	-1.63128	0.102831	0.227098
SNED1	11.04745	-0.17573	0.648494	-0.27099	0.7864	NA
PPP1R21	634.0437	0.396351	0.1846	2.147083	0.031787	0.10327
PKDCC	59.83067	-0.16229	0.298283	-0.54409	0.586381	0.71925
OXER1	1.024017	0.177191	1.894522	0.093528	0.925484	NA
HAAO	7.272616	-0.67743	0.85204	-0.79507	0.426575	NA
REL	57.4676	0.831576	0.318531	2.610656	0.009037	0.044218
PUS10	63.36788	0.382487	0.294132	1.300393	0.193466	0.348531
PEX13	281.0334	0.372494	0.181795	2.048982	0.040464	0.121289
KIAA1841	247.5737	0.627641	0.22819	2.750515	0.00595	0.033242
RFTN2	381.4681	0.659684	0.266268	2.47752	0.01323	0.057179
LRRTM1	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
MEMO1	68.73646	-0.06996	0.29843	-0.23442	0.81466	0.889545
DPY30	892.9102	0.26803	0.190496	1.407011	0.159424	0.306416
TYW5	167.9014	0.734499	0.207761	3.535317	4.07E-04	0.005986
C2orf47	284.2944	0.045706	0.184925	0.247158	0.804786	0.88332
KCNF1	0.845069	2.925226	2.326646	1.257272	0.208655	NA
PQLC3	1098.813	-0.06485	0.153742	-0.42182	0.673159	0.786159
ARL5A	1206.873	0.734631	0.175052	4.196637	2.71E-05	0.001104
FAM84A	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
KCNJ3	1.107756	0.313909	2.268235	0.138394	0.889929	NA
CLHC1	25.51217	0.807933	0.422638	1.911642	0.055922	NA
PRORSD1P	11.30348	0.964854	0.668671	1.442943	0.149037	NA
FRZB	6.603366	0.87179	0.816226	1.068074	0.285487	NA
DUSP19	59.07804	0.223009	0.340801	0.654368	0.512875	0.660023
CCDC104	571.1926	0.990375	0.22115	4.478287	7.52E-06	5.34E-04
NUP35	339.3791	0.191999	0.179512	1.069566	0.284815	0.45116
CCDC138	43.47795	0.993172	0.35812	2.773294	0.005549	NA
C2orf48	1.296153	-2.92934	2.02948	-1.44339	0.14891	NA
FBXO41	586.5436	-0.41217	0.182777	-2.25505	0.02413	0.085854
ALMS1P	2.554511	0.386807	1.281927	0.301739	0.762851	NA
ACTG2	14.97735	0.460028	0.613102	0.750329	0.453056	NA
C2orf44	349.5284	-0.10075	0.163831	-0.61494	0.538596	0.681093
SMC6	393.0805	0.857221	1.035222	0.828055	0.407639	0.571292
VSNL1	2.863483	0.401522	1.182071	0.339677	0.7341	NA
CCDC74A	140.2035	0.011898	0.242307	0.049104	0.960836	0.978668
ANKRD30B	56.44146	0.213277	0.301983	0.706253	0.480031	0.634563
SLC16A14	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
TEKT4	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
EN1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZNF2	241.1452	-0.09548	0.188003	-0.50785	0.611558	0.738367
NOSTRIN	6.257068	0.90057	0.849699	1.059869	0.289204	NA

	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CCDC140	53.00839	-0.01125	0.304702	-0.03692	0.970547	0.983948
SGPP2	2.574988	-0.33668	1.250299	-0.26928	0.787717	NA
INHBB	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
XIRP2	0.911244	3.022036	2.332005	1.295896	0.195011	NA
BBS5	733.9145	-0.05362	0.343347	-0.15617	0.875895	0.925797
NEURL3	0.719246	0.444943	2.542118	0.175028	0.861057	NA
ANKRD23	5.109057	0.972273	0.886705	1.096501	0.27286	NA
ERCC3	1817.782	0.080439	0.145058	0.554528	0.579217	0.713563
RNF149	646.3434	0.155609	0.157471	0.988178	0.323066	0.490955
IWS1	895.9011	0.670687	0.24785	2.706021	0.006809	0.036429
BOLA3	703.3241	0.334894	0.168694	1.985213	0.047121	0.133662
CDC42EP3	1493.782	-0.26959	0.214726	-1.25553	0.209287	0.366863
DHX57	565.6817	0.14146	0.148125	0.955001	0.339577	0.508003
ARHGAP25	0.35636	1.709252	3.651833	0.468053	0.639746	NA
TGFA	4.375545	0.188785	1.027869	0.183666	0.854275	NA
CCNYL1	371.4216	0.120643	0.16775	0.719183	0.472028	0.627976
FZD5	83.14643	-0.2962	0.290508	-1.01961	0.307915	0.475133
NPPC	0.774539	0.39797	2.296349	0.173305	0.862411	NA
ALPP	0.424115	1.932531	3.45462	0.559405	0.575885	NA
GPR155	2509.454	0.157145	0.191749	0.819534	0.412482	0.57563
DAPL1	16.61454	-0.92842	0.588548	-1.57748	0.114686	NA
COL6A3	13.45162	0.131437	0.551636	0.238267	0.811674	NA
LINC01116	89.91242	0.292322	0.261323	1.118626	0.2633	0.427592
KBTBD8	20.67915	0.916518	0.502145	1.825205	0.06797	NA
FAM19A4	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
EOGT	427.4002	0.168954	0.237907	0.710167	0.477601	0.632358
TMEM169	228.468	0.002868	0.2365	0.012125	0.990326	0.995532
ARPC2	11364.38	0.126772	0.136302	0.930089	0.352325	0.52041
RNF25	879.5026	-0.14636	0.156678	-0.93414	0.35023	0.518221
STK36	493.9085	-0.24725	0.188861	-1.30917	0.190476	0.344799
NEK10	8.818382	1.066783	0.786438	1.356475	0.174948	NA
FEV	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
CRYBA2	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA
IHH	0.640609	0.042838	2.379511	0.018003	0.985637	NA
EOMES	232.9978	-0.54356	0.30259	-1.79635	0.072439	0.17891
CWC22	196.8974	1.155235	0.730678	1.581044	0.113868	0.242963
AZI2	670.5785	0.440906	0.174603	2.525195	0.011563	0.051985
TGFBR2	5415.017	-0.04819	0.213882	-0.2253	0.821748	0.89268
ANKZF1	530.1908	-0.01042	0.152955	-0.0681	0.945708	0.969758
HDAC11	1035.494	-0.24816	0.14853	-1.67079	0.094763	0.21542
FBLN2	191.8235	0.098969	1.118802	0.08846	0.929511	0.960041
GLB1L	155.5703	-0.6883	0.209842	-3.28009	0.001038	0.010596
STT3B	3609.341	0.300875	0.179812	1.673274	0.094273	0.214677
CHCHD4	402.6123	0.118325	0.165278	0.715914	0.474045	0.629544
SGOL2	171.9029	1.218354	0.729482	1.670163	0.094887	0.215459
CLASP2	1882.085	0.238403	0.173257	1.376003	0.168821	0.319045

SUCLG1	2081.618	0.016017	0.132302	0.121063	0.903641	0.94382
EFHB	4.815426	0.047293	0.900985	0.05249	0.958138	NA
FABP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ICA1L	36.83056	0.732334	0.35697	2.051529	0.040215	NA
CTLA4	8.746229	0.759947	0.810605	0.937506	0.348498	NA
ICOS	66.11862	0.005048	0.5228	0.009655	0.992296	0.996738
CADPS	69.73955	-0.30658	0.346959	-0.88362	0.376902	0.543599
SYNPR	12.8939	2.368043	0.753647	3.142112	0.001677	NA
C3orf49	1.588764	1.141653	1.736673	0.657379	0.510937	NA
THOC7	823.667	0.491395	0.163337	3.008473	0.002626	0.019406
ATXN7	374.3643	0.2761	0.209029	1.320872	0.186544	0.340699
PSMD6	1961.333	0.402626	0.142775	2.820014	0.004802	0.028752
PRICKLE2	351.4364	-0.3779	0.169202	-2.23341	0.025522	0.089331
ADAMTS9	129.8399	-0.48527	0.316042	-1.53545	0.124674	0.259392
HESX1	2.711583	0.884043	1.242322	0.711605	0.476709	NA
SLMAP	889.447	0.61417	0.209503	2.931558	0.003373	0.022718
RPP14	13.70661	0.314424	0.594835	0.52859	0.59709	NA
ABHD6	2057.975	-0.0778	0.140509	-0.55371	0.579776	0.713749
C3orf67	117.316	0.323542	0.297947	1.085907	0.27752	0.443456
IL17RE	66.35432	-0.13361	0.271175	-0.49271	0.622219	0.746524
IL17RC	1227.206	-0.35003	0.131886	-2.65401	0.007954	0.040505
CRELD1	516.1599	-0.29652	0.166041	-1.78579	0.074133	0.181706
PRRT3	187.0235	-0.76307	0.212335	-3.5937	3.26E-04	0.005188
MTMR14	1551.678	-0.27698	0.130609	-2.12071	0.033946	0.107602
SNRK	1445.446	0.215292	0.184298	1.168176	0.242736	0.4057
DNAJC5G	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
UCN	14.16027	-0.1941	0.528988	-0.36693	0.713669	NA
ZNF513	729.2306	0.023319	0.184439	0.126431	0.899391	0.940983
SLC4A1AP	639.4647	0.591668	0.204026	2.899968	0.003732	0.024376
PLB1	4.8131	0.479285	0.935797	0.512167	0.608534	NA
SPDYA	2.451774	-0.07167	1.21207	-0.05913	0.952848	NA
KIAA1143	271.4593	0.758443	0.334517	2.267279	0.023373	0.084068
KIF15	100.3504	0.897727	0.305165	2.941779	0.003263	0.022362
TGM4	0.651435	0.249629	2.788679	0.089515	0.928672	NA
WDR43	1010.809	0.723119	0.220562	3.278532	0.001043	0.010637
ZDHHC3	1835.797	-0.20733	0.13284	-1.56076	0.118581	0.249961
CDCP1	3.375736	0.021243	1.285112	0.01653	0.986812	NA
CLEC3B	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
SLC6A20	0.629726	-0.22725	2.732935	-0.08315	0.93373	NA
LZTFL1	313.0507	0.876946	0.247644	3.541156	3.98E-04	0.00591
FYCO1	5327.033	-0.31811	0.157393	-2.02114	0.043266	0.126802
CCR1	27.85061	0.042977	0.544671	0.078905	0.937108	NA
RTP3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LRRC2	263.0431	0.604625	0.239748	2.521919	0.011672	0.0523
ELP6	1179.289	-0.02038	0.131986	-0.15438	0.877311	0.926467
BAP1	4398.791	-0.20905	0.154503	-1.35305	0.176041	0.328139
TKT	15077.54	-0.34689	0.158648	-2.18655	0.028775	0.096393

PRKCD	2117.003	-0.41356	0.137364	-3.01066	0.002607	0.019343
RFT1	719.0743	-0.20002	0.17495	-1.14329	0.252918	0.417132
SFMBT1	385.2341	-0.21882	0.163442	-1.33884	0.180624	0.33312
GNL3	1690.487	0.899143	0.143286	6.275177	3.49E-10	4.14E-07
PBRM1	1976.109	0.362961	0.248844	1.458586	0.144679	0.286626
FAM208A	715.1896	0.531006	0.31166	1.703796	0.088419	0.205049
ARHGEF3	966.072	-0.26305	0.1925	-1.3665	0.171781	0.32289
CDC25A	255.8763	-0.12239	0.260855	-0.4692	0.638928	0.759385
ZNF589	746.3019	0.099857	0.195982	0.509518	0.610389	0.737459
FBXW12	0.752028	2.752519	2.876634	0.956854	0.338641	NA
PLXNB1	2787.194	-0.32037	0.19662	-1.62936	0.103236	0.227739
CCDC51	598.2098	-0.10747	0.154323	-0.69639	0.486183	0.639469
ATRIP	254.4735	-0.24253	0.185961	-1.3042	0.192165	0.346798
SHISA5	6401.039	-0.545	0.163832	-3.32656	8.79E-04	0.009556
BSN	15.31282	-0.40116	0.670692	-0.59813	0.549751	NA
APEH	6283.659	-0.27928	0.121254	-2.30325	0.021265	0.078903
RNF123	1591.703	-0.49077	0.135465	-3.62286	2.91E-04	0.004831
MON1A	740.0358	-0.11234	0.182661	-0.615	0.538553	0.681093
MST1R	4.932527	-0.67028	0.959106	-0.69885	0.484643	NA
RAD54L2	529.7106	-0.34184	0.179032	-1.90937	0.056214	0.150029
TEX264	2499.984	-0.14299	0.141243	-1.01236	0.311365	0.478811
GRM2	0.662557	-0.83483	2.671964	-0.31244	0.754706	NA
DUSP7	703.3788	-0.16985	0.228212	-0.74427	0.456711	0.615154
POC1A	709.0716	-0.27203	0.222609	-1.22203	0.221698	0.382121
PPM1M	524.9594	-0.10577	0.222174	-0.47606	0.63403	0.755518
WDR82	3187.098	-0.1854	0.138555	-1.33811	0.180861	0.333453
BLCAP	1413.944	-0.38512	0.14559	-2.64522	0.008164	0.041148
ZNF606	90.08153	0.471119	0.313929	1.500717	0.133429	0.271088
ZNF667-AS	343.9922	-0.1088	0.265697	-0.40949	0.682183	0.792948
CACNG2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
YWHAB	11393.65	-0.07308	0.145328	-0.50285	0.615068	0.741129
EVA1C	371.7354	0.015119	0.220867	0.068453	0.945425	0.969593
SGSM1	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	3.71852	-1.98365	1.403315	-1.41355	0.157495	NA
DUSP18	60.06827	-0.26337	0.295261	-0.89198	0.372404	0.539054
TEF	398.9894	-0.57366	0.155089	-3.69892	2.17E-04	0.004081
MEI1	1.093402	-1.45329	2.572346	-0.56497	0.572096	NA
ZNF226	337.7948	0.657877	0.198909	3.307428	0.000942	0.009957
ZNF229	127.5627	0.193887	0.264507	0.733014	0.46355	0.621213
ZNF180	94.61734	0.640642	0.286102	2.239209	0.025142	0.088218
ZNF610	41.30666	-0.0751	0.572873	-0.13109	0.895701	NA
ZNF528	190.3686	0.191081	0.341257	0.559931	0.575526	0.710649
ZNF701	82.71295	0.092207	0.258994	0.35602	0.721826	0.823208
TMC4	8.945608	0.437286	0.730579	0.598548	0.549475	NA
TTYH1	3.713791	-0.08076	1.011309	-0.07986	0.936351	NA
LENG8	966.4044	-0.06919	0.224947	-0.30758	0.758405	0.849319
CDC42EP5	1035.913	-0.08254	0.196295	-0.42051	0.674112	0.786547

NLRP7	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DNAAF3	51.90718	0.090763	0.39118	0.232023	0.81652	0.890173
ZNF444	834.1602	-0.35548	0.151674	-2.34373	0.019092	0.073307
C19orf48	880.5168	-0.2309	0.20479	-1.12749	0.259534	0.423872
KLK1	3.138611	0.613958	1.243352	0.493792	0.621453	NA
KLK4	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
KLK2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KLK13	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	18.27553	-0.21502	0.471686	-0.45586	0.648493	NA
ZNF83	165.4837	0.83762	0.265816	3.151131	0.001626	0.014249
TRANK1	74.52227	-0.38441	0.276159	-1.39199	0.163925	0.312633
TTC21A	56.73661	-0.14421	0.287438	-0.50171	0.615873	0.741989
RPSA	12218.75	-0.15049	0.132853	-1.13272	0.257334	0.421366
ENTPD3	0.968725	0.233151	2.074813	0.112372	0.910528	NA
CTNNB1	25727.76	-0.01662	0.142129	-0.11696	0.906889	0.945907
ULK4	149.7108	-0.0391	0.231826	-0.16867	0.866056	0.920654
KCNJ4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SETD5	1610.943	-0.01517	0.134391	-0.11287	0.910131	0.947811
GLYCTK	192.1249	-0.2456	0.194165	-1.26492	0.2059	0.362965
NT5DC2	2754.014	-0.05519	0.172185	-0.3205	0.748589	0.842225
SMIM4	428.2587	0.095641	0.192788	0.496091	0.61983	0.74446
KIF5C	260.7511	1.11255	0.35006	3.178171	0.001482	0.013453
MMADHC	1907.058	0.096695	0.161004	0.600574	0.548124	0.689371
PDHB	1858.141	0.211504	0.156518	1.351311	0.176596	0.328863
PXK	621.0969	0.004702	0.20263	0.023205	0.981487	0.990173
KCTD6	124.4637	0.290253	0.228914	1.267956	0.204814	0.361427
ACOX2	0.86916	0.686589	2.213986	0.310114	0.756474	NA
CX3CR1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
XIRP1	0.394291	0.298745	3.141711	0.09509	0.924243	NA
SCN11A	0.930794	0.917844	2.145018	0.427896	0.668727	NA
ARF4	5961.017	-0.02436	0.127035	-0.19175	0.847937	0.909306
2-Sep	10892.43	0.252928	0.138505	1.826129	0.067831	0.170621
DTYMK	1965.139	-0.23898	0.164041	-1.45683	0.145165	0.287108
ING5	300.8406	-0.12955	0.170606	-0.75936	0.447636	0.607177
ATG4B	1776.185	-0.1186	0.129027	-0.91922	0.357982	0.525131
KLHL30	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
GBX2	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
MYL1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
COL3A1	17.22689	0.682579	0.542999	1.257054	0.208734	NA
ZSWIM1	276.4524	-0.53325	0.21322	-2.50095	0.012386	0.054536
LRP1B	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PKIG	1440.594	-0.08657	0.177281	-0.4883	0.625334	0.748746
FAM178B	36.46315	-0.94775	0.440138	-2.1533	0.031295	NA
SEMA4C	2602.137	-0.37487	0.186449	-2.01057	0.044371	0.128578
CNNM3	652.9964	-0.29618	0.210473	-1.40723	0.159359	0.30634
ATOH8	439.2495	-0.15125	0.219642	-0.6886	0.491072	0.642998
SFTPB	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA

USP39	2069.075	-0.18566	0.155594	-1.19326	0.232768	0.395112
C2orf68	403.86	-0.31742	0.191567	-1.65697	0.097525	0.219422
TMEM150A	581.455	-0.23875	0.191858	-1.24442	0.213346	0.372053
RNF181	1913.58	0.162687	0.134012	1.213974	0.224758	0.385824
VAMP5	3340.58	-0.11963	0.178361	-0.6707	0.502413	0.652458
MAT2A	3948.29	-0.01075	0.121262	-0.08866	0.929352	0.959961
INPP5D	1.06329	0.285492	1.942399	0.146979	0.883149	NA
TM4SF20	0.411855	0.250456	3.097618	0.080854	0.935558	NA
MFF	2083.69	0.061049	0.131963	0.462623	0.643634	0.762832
OR7E102P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
E2F6	325.8062	0.364235	0.18792	1.938252	0.052592	0.143198
COL4A3	4.333681	0.779565	1.057861	0.736926	0.461168	NA
IRS1	1075.544	-0.28386	0.18167	-1.56251	0.118167	0.249487
ATF5	796.37	-0.0802	0.170975	-0.46907	0.639021	0.759385
CPT1C	187.7302	-0.04229	0.311635	-0.13572	0.892046	0.936771
MN1	7.909093	0.055987	0.76027	0.07364	0.941297	NA
C22orf15	8.054734	-0.29232	0.731766	-0.39947	0.689548	NA
ELSPBP1	30.34978	0.201531	1.763885	0.114254	0.909036	NA
SCN9A	131.8035	1.328777	0.318248	4.175282	2.98E-05	0.001184
SLC38A11	4.42275	0.666304	1.040149	0.640585	0.521792	NA
CCDC8	61.59727	-0.23802	0.280039	-0.84997	0.395341	0.559815
ZEB2	7349.055	0.356518	0.212729	1.675922	0.093753	0.213904
PCBP1	4965.561	-0.30854	0.128558	-2.4	0.016395	0.066132
NFU1	977.6186	0.295662	0.18707	1.580484	0.113996	0.243127
ANTXR1	6147.132	0.003162	0.130323	0.024266	0.98064	0.989974
CKAP2L	209.8178	0.629542	0.218826	2.876911	0.004016	0.025459
PROKR1	4.210329	0.214424	1.123542	0.190847	0.848646	NA
APLF	105.3124	1.155655	0.317161	3.643744	2.69E-04	0.004608
RGPD8	6.687921	1.033438	0.791343	1.305929	0.191577	NA
HIC2	163.1498	-0.47115	0.217715	-2.16409	0.030458	0.100049
BUB1	812.9069	0.054686	0.206125	0.265307	0.790773	0.873094
LIMS1	577.5442	0.566842	0.255954	2.214628	0.026786	0.091962
UGP2	835.8474	0.372175	0.157385	2.36475	0.018042	0.070405
BTD	1536.516	-0.25264	0.227566	-1.11017	0.266925	0.431764
TMEM42	135.1208	-0.38399	0.23579	-1.62852	0.103415	0.227984
MAP3K2	674.107	0.801701	0.293386	2.732586	0.006284	0.034405
ZNF35	216.9235	0.236283	0.219634	1.075801	0.282016	0.448104
MYO7B	45.31717	-0.7594	0.484123	-1.5686	0.116741	NA
MYRIP	1.033466	-0.7302	1.946441	-0.37515	0.707552	NA
UBE2E3	1277.009	-0.17969	0.156702	-1.14671	0.251501	0.415431
UBE2E1	2327.284	0.366977	0.158464	2.315844	0.020567	0.077158
HNRNPA3	2171.733	0.135016	0.195656	0.690066	0.490152	0.642357
HOXD4	34.53	0.71622	0.428585	1.671129	0.094696	NA
NANP	280.8198	0.517169	0.177616	2.911732	0.003594	0.023861
PDCD6IP	2823.026	0.15003	0.155306	0.966028	0.33403	0.502529
MRAP	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
FAM161A	109.1494	0.578983	0.441268	1.31209	0.18949	0.343696

GLB1	2952.286	-0.38834	0.145879	-2.6621	0.007766	0.039835
CRTAP	14239.8	-0.20086	0.148157	-1.35572	0.175188	0.327064
CMTM8	38.1648	0.527209	0.371688	1.418418	0.156069	NA
B3GNT2	837.4815	0.348761	0.167973	2.076296	0.037867	0.115728
SETMAR	443.4167	0.186371	0.154672	1.204943	0.228225	0.389884
CST2	4.291343	-1.40232	0.972263	-1.44233	0.14921	NA
CST1	125.6431	-1.19526	0.383271	-3.11858	0.001817	0.015146
ZNF804A	3.782003	1.971981	1.149193	1.715969	0.086168	NA
TMEM182	190.6183	0.22008	0.190868	1.153049	0.24889	0.412786
RALGAPB	1758.288	-0.0141	0.132815	-0.10618	0.915439	0.951141
NPAS2	420.3456	-0.07154	0.176396	-0.40558	0.685053	0.795121
LONRF2	0.326333	1.533889	3.826878	0.40082	0.688553	NA
SIX2	0.288605	1.443619	4.029058	0.358302	0.720117	NA
IRF2BP1	1014.829	-0.40765	0.183548	-2.22094	0.026355	0.091117
FOXA3	0.596179	-0.09275	3.146759	-0.02948	0.976485	NA
ACYP2	261.4094	0.462818	0.234916	1.970145	0.048822	0.136634
TRABD	1650.093	-0.13615	0.144573	-0.94173	0.346333	0.514186
ZNF296	5.004451	-1.33372	0.977327	-1.36466	0.172361	NA
KCNS3	1993.017	-0.05287	0.229574	-0.23029	0.817864	0.890746
FOXN2	598.5715	0.727895	0.250257	2.908586	0.003631	0.024019
LSM3	1653.069	0.552609	0.162418	3.402395	6.68E-04	0.008064
TMEM43	2711.291	-0.16939	0.132122	-1.28204	0.199827	0.355943
RPS9	27613.33	0.026041	0.15292	0.170293	0.86478	0.920317
TSEN34	1459.979	-0.29582	0.136253	-2.17111	0.029923	0.098867
NDUFA3	1198.384	-0.00744	0.182017	-0.04087	0.967398	0.981893
OSCAR	4.103164	1.153916	1.090408	1.058243	0.289945	NA
ZNF160	256.8172	0.379307	0.24541	1.545607	0.1222	0.255544
ZNF415	8.440509	0.588019	0.798981	0.735961	0.461755	NA
FEZ2	1048.353	0.205576	0.1834	1.120916	0.262324	0.426852
ALK	44.12645	-0.8407	0.432969	-1.94171	0.052173	NA
SIGLEC17P	0.680121	-0.88898	2.365123	-0.37587	0.707013	NA
TRMT61B	300.8175	0.321042	0.178134	1.80225	0.071506	0.17727
KCNG3	0.774888	-2.09879	2.346327	-0.8945	0.371054	NA
PRKCE	763.7574	-0.49115	0.175103	-2.80493	0.005033	0.029758
JAGN1	1518.158	-0.1827	0.173404	-1.05359	0.292071	0.458913
TADA3	3494.36	-0.22156	0.16139	-1.3728	0.169814	0.320309
SOCS5	461.9634	0.474924	0.194183	2.445755	0.014455	0.060524
RBKS	40.90197	-0.01688	0.372818	-0.04528	0.963881	NA
GRIK1	1.428602	2.607905	1.905474	1.368639	0.171112	NA
SCAND1	2034.65	0.015629	0.148776	0.105049	0.916337	0.951491
TMEM37	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
ZNF581	878.1987	-0.21366	0.220532	-0.96883	0.332632	0.500997
ZNF524	313.6953	-0.28794	0.193483	-1.48819	0.136701	0.275751
CDK5R2	0.825079	-2.06702	2.533819	-0.81577	0.41463	NA
ASXL1	2493.226	-0.37173	0.18005	-2.06459	0.038961	0.11813
BCL2L1	3274.831	-0.27664	0.163194	-1.69519	0.090039	0.207788
ZNF584	361.8621	-0.0318	0.190936	-0.16656	0.867717	0.921425

NMUR1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
ZNF274	639.6578	-0.04364	0.194454	-0.2244	0.822448	0.893074
ZIK1	204.3594	-0.05046	0.243856	-0.20691	0.836082	0.901643
C20orf201	4.405822	0.424092	0.964325	0.439781	0.660096	NA
RGS19	512.0451	0.105559	0.185422	0.569288	0.569161	0.705795
TCEA2	800.59	-0.3779	0.152686	-2.47502	0.013323	0.057401
RRM2	1142.117	-0.22229	0.315744	-0.70402	0.481423	0.635836
TRAPPC12	1691.296	-0.31515	0.128649	-2.4497	0.014297	0.060062
RPS21	6725.856	0.249148	0.165407	1.506271	0.131998	0.268871
RPS7	10212.99	0.315416	0.16568	1.903767	0.056941	0.151216
RNASEH1	644.0765	0.169998	0.163274	1.041182	0.297791	0.464828
PRNP	10669.33	0.511171	0.25063	2.039541	0.041396	0.123366
ADRA1D	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF217	810.9761	0.222479	0.167655	1.327004	0.184507	0.337769
SCG2	139.301	0.541949	0.263124	2.059672	0.03943	0.119184
C20orf196	119.9913	-0.15737	0.243368	-0.64663	0.517868	0.665014
MAL	9025.522	-0.25325	0.16102	-1.57281	0.115762	0.245898
LAMB2	10836.96	-0.48717	0.150853	-3.22943	0.00124	0.011878
USP19	2213.728	-0.44059	0.133136	-3.30932	9.35E-04	0.009929
QARS	6177.177	-0.27993	0.126143	-2.21918	0.026474	0.091289
KLF11	498.9344	-0.09466	0.162587	-0.58224	0.560406	0.698666
EIF2AK3	666.7419	0.23779	0.168493	1.411274	0.158164	0.304685
TEX37	0.096202	0.408546	4.079639	0.100143	0.920231	NA
KRCC1	522.539	1.040672	0.273876	3.79979	1.45E-04	0.003166
NME6	545.4581	-0.1945	0.145893	-1.33317	0.182475	0.335386
CD8B	1.351894	0.976798	1.815732	0.537964	0.590602	NA
CXCR6	5.881259	0.008707	0.866379	0.01005	0.991981	NA
CEBPB	1425.457	0.133164	0.185212	0.718983	0.472151	0.628069
SERHL	7.72197	-0.25801	0.73218	-0.35239	0.724546	NA
MACROD2	41.58728	0.516428	0.366868	1.407669	0.159229	NA
CERS6	524.1019	0.067582	0.192347	0.351353	0.725324	0.825454
SPTLC3	8.976657	0.130955	0.677852	0.19319	0.84681	NA
TP53RK	1184.718	0.077282	0.136921	0.564426	0.572464	0.708483
B3GALT1	32.60779	-0.26637	0.4031	-0.6608	0.50874	NA
SUCLG2	2407.622	0.412421	0.165034	2.499002	0.012454	0.054643
CSDC2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DNAJB7	0.681112	2.620532	2.519661	1.040033	0.298324	NA
MYEOV2	2059.83	0.189876	0.205567	0.92367	0.355658	0.523768
AGXT	0.554095	-2.96528	3.108533	-0.95392	0.340127	NA
ZBTB8OSP2	23.92628	0.555587	0.453977	1.223822	0.221019	NA
SP3	983.4823	0.694142	0.206828	3.356137	7.90E-04	0.008987
METAP1D	207.9098	0.036238	0.231696	0.156404	0.875715	0.925771
ZNF621	429.2732	0.474924	0.231234	2.053871	0.039988	0.120414
MYD88	1935.189	-0.3821	0.125477	-3.04514	0.002326	0.017834
OXSR1	1778.328	0.344704	0.174573	1.97456	0.048318	0.135641
SLC22A13	0.508056	0.731032	2.861912	0.255435	0.798387	NA
LCLAT1	240.29	-0.01923	0.236645	-0.08128	0.935223	0.963758

MIR4435-1	681.4258	0.215015	0.208771	1.029908	0.303053	0.47046
	42.52463	-0.04445	0.35891	-0.12386	0.901429	NA
SH3RF3	259.2319	0.338757	0.362404	0.934749	0.349917	0.517951
ARPP21	3.747263	1.018348	1.10352	0.922818	0.356102	NA
COMMD1	788.2733	0.041703	0.175219	0.238003	0.811879	0.887899
RAPH1	679.6847	-0.32969	0.258576	-1.27501	0.202305	0.358723
AHSA2	186.6247	1.19426	0.246671	4.841503	1.29E-06	1.86E-04
TERF1P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MZT2A	1092.157	-0.09304	0.140427	-0.66254	0.507627	0.656489
ZBTB21	474.0456	0.514133	0.168038	3.059628	0.002216	0.017291
DAG1	9546.375	-0.48421	0.203049	-2.38471	0.017092	0.06802
INSM1	12.81815	-0.14031	0.589165	-0.23815	0.811765	NA
NAA20	1428.122	0.275215	0.161104	1.70831	0.087579	0.203418
CCDC36	29.57723	-0.42961	0.413575	-1.03877	0.298913	NA
SMARCC1	2381.185	-0.0435	0.221806	-0.19612	0.844519	0.907349
ZNF417	114.8811	0.263992	0.262848	1.00435	0.31521	0.482605
MST1	62.26767	0.155671	0.328046	0.474541	0.635114	0.756331
GMPPB	35.44036	-0.47583	0.384347	-1.23802	0.215709	NA
C2orf70	0.869749	-2.37356	2.394068	-0.99144	0.321473	NA
NABP1	252.9657	0.6541	0.232753	2.810276	0.00495	0.02937
GPR113	5.355384	-0.45412	0.934486	-0.48596	0.626995	NA
XCR1	0.288605	1.443619	4.029058	0.358302	0.720117	NA
CCDC106	1295.565	-0.18975	0.165842	-1.14417	0.252552	0.416644
CCR9	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
SLC19A1	614.8502	-0.48422	0.145	-3.33943	8.40E-04	0.00931
PSMD1	2778.353	0.025775	0.181485	0.142025	0.88706	0.933443
SUSD5	1051.089	-0.23507	0.215702	-1.08979	0.275807	0.441374
AGFG1	1629.127	-0.02565	0.133126	-0.19267	0.847214	0.909017
CCDC13-AS	0.681315	1.40954	2.618083	0.538386	0.59031	NA
UBXN2A	1034.938	0.448724	0.169372	2.649334	0.008065	0.040807
EVX2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ZHX3	1061.026	-0.21847	0.16016	-1.36405	0.172552	0.323928
SNHG11	253.6346	-0.01278	0.183467	-0.06967	0.944457	0.96923
ANKRD36C	18.1232	0.597633	0.536488	1.113973	0.265291	NA
ZNF497	29.5162	-0.6658	0.398465	-1.67091	0.094739	NA
GRIK1-AS1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
NR1D2	530.2592	0.708282	0.224928	3.148928	0.001639	0.014318
RPL15	17874.53	0.063435	0.138857	0.456836	0.647789	0.766234
DENND6A	521.6502	-0.00631	0.210457	-0.03	0.976065	0.986887
PDE12	678.5482	0.238784	0.197818	1.207089	0.227398	0.389004
FUT1	52.23434	-0.2792	0.364651	-0.76567	0.443874	0.603732
UBE2C	927.073	-0.45923	0.215958	-2.1265	0.033461	0.106779
DES	0.258578	1.233151	4.047809	0.304646	0.760635	NA
FAM182B	4.924129	-0.02667	0.940521	-0.02835	0.977382	NA
ANKRD30B	1.345046	1.598466	1.922802	0.831321	0.405792	NA
DPP10	19.77021	0.126597	0.506585	0.249903	0.802662	NA
	11.91946	-0.06855	0.682601	-0.10043	0.920006	NA

LINC00116	553.509	0.059227	0.144158	0.410851	0.681182	0.792212
BAK1P1	18.50893	0.24051	0.537137	0.447762	0.654325	NA
CREG2	11.43609	-0.80508	0.617792	-1.30316	0.192519	NA
HOXD8	224.5424	0.196445	0.177191	1.108664	0.267575	0.432638
TSPEAR	0.640406	1.11402	2.710977	0.410929	0.681124	NA
ZNF613	110.8333	0.554192	0.258002	2.148015	0.031713	0.103187
RPL23P2	2.272754	-0.39359	1.487681	-0.26456	0.791346	NA
IP6K1	3156.445	-0.41326	0.166998	-2.47462	0.013338	0.057401
ENTHD1	392.5939	0.202914	0.231868	0.875128	0.381505	0.547679
MYPOP	406.912	-0.17378	0.235226	-0.73876	0.460053	0.618366
LRRTM4	0.883349	-0.20011	2.228601	-0.08979	0.928451	NA
ZNF135	42.44616	-0.44746	0.458512	-0.9759	0.329116	NA
	125.6308	-0.2933	0.225959	-1.29802	0.19428	0.349445
KCMF1	1565.417	0.215398	0.150846	1.42794	0.153309	0.298135
	45.05158	0.166787	0.328329	0.507988	0.611462	NA
MAP3K19	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CCDC121	34.61516	0.077541	0.453814	0.170864	0.864331	NA
BOK	307.8378	-0.17136	0.250132	-0.68507	0.493303	0.644561
PFN4	6.549752	0.211703	0.828528	0.255517	0.798324	NA
ZNF285B	5.397779	0.347577	0.883731	0.393306	0.694093	NA
NCKAP5	77.10238	0.050668	0.343925	0.147322	0.882878	0.930536
	2.007575	2.252112	1.550518	1.45249	0.146365	NA
SOX11	83.98917	-0.36477	0.386755	-0.94314	0.345608	0.513496
MAMSTR	39.6716	-0.35535	0.345033	-1.0299	0.303058	NA
FUT2	6.366729	-0.15908	0.821185	-0.19372	0.846399	NA
THAP4	1505.36	-0.24461	0.158253	-1.54569	0.12218	0.255544
C19orf18	2.480046	1.487004	1.533155	0.969898	0.332098	NA
SIX5	146.3052	-0.39578	0.224209	-1.76522	0.077526	0.187374
FBXO46	280.8479	-0.40281	0.173296	-2.32439	0.020104	0.076001
FAM109B	1028.915	-0.1212	0.15506	-0.78165	0.434423	0.595539
SPACA4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CCDC71	665.7166	-0.35601	0.167825	-2.12131	0.033896	0.1076
PPFIA3	546.2704	-0.3229	0.196307	-1.64489	0.099992	0.223198
UMODL1	2.198501	-0.87571	1.324322	-0.66125	0.508449	NA
ZFAS1	3139.386	0.193437	0.167056	1.157921	0.246896	0.410366
NR2C2	313.6768	-0.05964	0.16381	-0.36405	0.715819	0.81867
GPR4	15.55366	-0.26811	0.555954	-0.48226	0.629623	NA
ARIH2	2091.453	0.113642	0.174487	0.651294	0.514857	0.662214
RBM44	0.984506	0.880958	2.062676	0.427094	0.669311	NA
RPRM	0.096202	0.408546	4.079639	0.100143	0.920231	NA
IL17RA	1152.15	-0.51109	0.170389	-2.99955	0.002704	0.019859
DNAJC28	19.20669	1.236392	0.57736	2.141459	0.032237	NA
SOX12	2220.5	-0.5262	0.183065	-2.87439	0.004048	0.025585
ZCCHC3	105.3477	-0.3187	0.276361	-1.15322	0.248822	0.412786
ZNF620	24.18006	0.19174	0.47867	0.400569	0.688737	NA
CACYBPP2	8.877632	0.361713	0.756247	0.4783	0.632437	NA
ZNF619	120.5673	-0.42476	0.215269	-1.97314	0.048479	0.1359

ARL6IP6	332.6701	0.230379	0.177343	1.299056	0.193925	0.348953
ODF3B	50.77129	-0.47946	0.305328	-1.57031	0.116344	0.246692
ZNRF3-AS1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
C2orf73	2.37594	-0.51067	1.267993	-0.40274	0.687138	NA
FAM211B	98.8834	-0.2732	0.268711	-1.01671	0.309289	0.476621
IMPDH2	4307.679	-0.26299	0.118214	-2.22473	0.026099	0.090629
ALS2CL	63.24305	0.25281	0.294392	0.858752	0.390477	0.555738
PRSS42	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
NDUFAF3	2218.665	-0.13145	0.155341	-0.84618	0.397455	0.562203
C2orf69	275.3963	0.334763	0.259124	1.291901	0.196391	0.351854
DALRD3	777.8184	-0.26331	0.143277	-1.83779	0.066093	0.167815
ZNF114	50.20196	0.236132	0.316264	0.746629	0.455288	0.614182
FAR2P2	0.651435	0.249629	2.788679	0.089515	0.928672	NA
VN1R1	3.171232	0.630437	1.182542	0.53312	0.59395	NA
ZNF543	90.18313	-0.38778	0.257429	-1.50636	0.131975	0.268871
WDR6	2879.865	-0.48135	0.217584	-2.21223	0.02695	0.092394
GEN1	253.8222	0.603336	0.349909	1.724266	0.08466	0.198309
PLEKHM3	146.9604	0.084121	0.214066	0.392966	0.694345	0.802993
ZNF223	20.69348	0.364804	0.518385	0.703732	0.481599	NA
P4HTM	210.6716	-0.15452	0.190011	-0.81322	0.416095	0.579239
SLC25A20	763.6231	0.02362	0.155371	0.15202	0.879171	0.927523
CD28	0.55687	-0.14239	3.170029	-0.04492	0.964172	NA
EPM2AIP1	373.7407	0.438264	0.27534	1.591717	0.111448	0.239657
ERBB4	4.038972	1.173534	1.072249	1.09446	0.273753	NA
OTOS	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
GPR35	1.185016	-0.03538	1.879555	-0.01882	0.984982	NA
CSRNP3	154.0095	0.061886	0.281688	0.219698	0.826107	0.895364
THBD	3054.337	0.618401	0.307712	2.009675	0.044466	0.128822
FAM132B	1.696031	0.715654	1.584139	0.451762	0.65144	NA
ADORA2A-/	1.928872	0.45231	1.598625	0.282937	0.777225	NA
ZNF852	34.88722	0.254555	0.357356	0.712329	0.476261	NA
ZNF552	133.9871	0.074845	0.225571	0.331803	0.740038	0.835857
SEPW1	7176.587	0.007427	0.140341	0.052923	0.957793	0.976659
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
TCAIM	567.7971	0.608978	0.211019	2.885894	0.003903	0.025065
CDH4	1.015902	-0.7221	2.105992	-0.34288	0.731689	NA
C2orf71	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
LBX2	71.65716	-0.35934	0.297428	-1.20818	0.22698	0.388458
LSMEM2	1.076781	3.261813	2.235782	1.458914	0.144589	NA
NLRP8	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
APOBEC3B	239.5115	-0.60215	0.238633	-2.52334	0.011625	0.052182
PCBP1-AS1	184.3993	0.131957	0.224058	0.588941	0.555901	0.695462
MYADM	1191.465	-0.46027	0.158366	-2.90636	0.003657	0.024096
SERTAD2	1293.906	0.02549	0.221738	0.114955	0.908481	0.947226
RBM15B	2026.368	-0.46473	0.142191	-3.26833	0.001082	0.010915
NKPD1	2.939695	-0.70666	1.150051	-0.61446	0.538912	NA

NLRP11	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
ZNF154	208.2604	0.197878	0.193402	1.02314	0.306241	0.473301
NRXN1	2.509132	1.575381	1.457675	1.080749	0.279809	NA
GPBAR1	3.061564	1.110828	1.252755	0.886708	0.375236	NA
ZNF784	183.6278	-0.47845	0.198199	-2.414	0.015778	0.064213
LINC00652	2.657632	1.318474	1.268818	1.039136	0.298741	NA
FIZ1	428.4212	-0.25877	0.171287	-1.51072	0.13086	0.267382
SSC5D	785.5037	-0.25034	0.305029	-0.82069	0.411821	0.575044
TMEM150E	0.326333	1.533889	3.826878	0.40082	0.688553	NA
TMEM86B	11.85718	-0.1421	0.598704	-0.23735	0.812389	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FAR2P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PRKRA	988.651	0.265986	0.154129	1.725731	0.084396	0.197995
SLC9A4	0.748867	2.740193	2.468928	1.109871	0.267054	NA
ZNF816	68.87286	0.2328	0.290984	0.800044	0.423685	0.585953
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
CCDC66	121.4628	1.105405	0.447846	2.468268	0.013577	0.057939
EMC3-AS1	97.25671	-0.15121	0.264113	-0.57252	0.566971	0.704045
MCFD2	2455.824	0.190421	0.144794	1.315113	0.188472	0.342742
TPRXL	2.905861	-0.06101	1.328316	-0.04593	0.963367	NA
KCNE1	5.929201	-0.50177	0.928901	-0.54017	0.589079	NA
NRIP1	669.9986	0.536688	0.244467	2.195343	0.028139	0.094961
	300.5496	-0.90957	0.223915	-4.06213	4.86E-05	0.001615
CXCR2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
D2HGDH	332.8073	-0.15071	0.174776	-0.8623	0.388525	0.554176
OXTR	36.69379	1.515148	0.703535	2.153621	0.03127	NA
GPR62	0.667861	-2.0782	2.593993	-0.80116	0.42304	NA
PITPNB	1571.637	0.51352	0.183287	2.801735	0.005083	0.029934
FKRP	663.7889	-0.36356	0.164437	-2.21091	0.027042	0.092521
HIGD1A	3114.209	0.451512	0.180325	2.503876	0.012284	0.054217
CCDC108	1.388631	-1.18407	1.727625	-0.68538	0.493107	NA
SETD2	853.2048	0.54844	0.222767	2.461945	0.013819	0.058675
TMIE	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
FDX1P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC00471	3.5525	0.61808	1.100255	0.561761	0.574279	NA
ZNF329	312.6591	-0.29032	0.183	-1.58643	0.112642	0.241224
PNMAL1	251.1785	-0.17969	0.182808	-0.98295	0.325634	0.493656
	5.51732	0.444081	0.882978	0.502935	0.61501	NA
WRB	1206.372	0.058128	0.134622	0.431789	0.665895	0.780675
ASB18	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
UBA7	1282.608	-0.81823	0.239206	-3.4206	6.25E-04	0.007763
BACE2	8685.605	-0.3591	0.116675	-3.07778	0.002085	0.016597
UBE2E2	518.7137	-0.05747	0.174455	-0.3294	0.741853	0.837188
C22orf26	7.046159	-0.30979	0.77992	-0.39721	0.691214	NA
FIGN	308.1399	0.342226	0.22137	1.545947	0.122117	0.255507
IZUMO1	0.622842	1.158846	2.735323	0.42366	0.671814	NA
SPACA6P	48.74787	0.184817	0.341696	0.540881	0.58859	0.721053

ZSCAN22	175.1494	-0.40667	0.210944	-1.92785	0.053873	0.145748
KCNJ14	3.687973	0.690237	1.025257	0.673234	0.500799	NA
	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
YBEY	382.2695	-0.03585	0.185098	-0.19367	0.846431	0.908806
CACNB4	21.59296	0.498667	0.576652	0.864762	0.38717	NA
TSHZ2	6.493762	0.129476	0.920058	0.140726	0.888086	NA
ABHD17AP	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
LIMK2	3983.449	0.058831	0.173369	0.339338	0.734355	0.832129
ADI1	7592.262	-0.08074	0.149411	-0.54039	0.588931	0.721298
SATB1	421.6979	0.187974	0.203211	0.925019	0.354956	0.523188
ACTL10	74.80303	-0.40494	0.318098	-1.273	0.203016	0.359432
LINC00334	1.075549	1.639348	2.132574	0.768718	0.442061	NA
C2orf82	13.07983	0.452461	0.594038	0.76167	0.446257	NA
TRAK1	2760.147	-0.27924	0.154975	-1.80186	0.071568	0.177335
PLCB1	40.31307	0.319372	0.426803	0.748289	0.454286	NA
TTC3	3138.299	0.323985	0.341779	0.947938	0.343161	0.511307
RRP7B	136.0335	-0.13491	0.22822	-0.59112	0.554439	0.694733
ALG12	867.3546	-0.2578	0.168471	-1.53027	0.125951	0.26104
COL18A1	6354.379	-0.4517	0.213612	-2.11458	0.034465	0.108758
SLC25A18	20.67379	0.248328	0.494499	0.502181	0.61554	NA
LENG9	252.0037	-0.34126	0.206417	-1.65327	0.098276	0.220698
C21orf90	0.660976	-0.84029	2.673548	-0.3143	0.753294	NA
EWSR1	4512.695	-0.3041	0.133288	-2.28155	0.022516	0.081968
CNOT10	542.1924	0.188748	0.152104	1.240915	0.214637	0.373586
ZNF662	19.29686	0.048742	0.5778	0.084358	0.932772	NA
ZNF320	143.5246	0.1699	0.364602	0.465986	0.641225	0.761162
TPM3P8	1.675801	-1.18946	1.651352	-0.7203	0.471342	NA
SLC8A1	61.03477	-0.08287	0.328584	-0.25221	0.800878	0.880141
WBP2NL	3.131666	0.505914	1.407369	0.359475	0.71924	NA
IGSF5	1.621777	0.185689	1.804641	0.102895	0.918046	NA
NEB	6.305303	1.169258	1.007067	1.161053	0.24562	NA
RIPPLY3	4.218823	1.491436	1.05795	1.409741	0.158616	NA
SMDT1	1166.387	-0.08001	0.153647	-0.52072	0.602564	0.731681
RUVBL2	2917.047	-0.2973	0.130881	-2.2715	0.023117	0.083373
C21orf67	63.84944	-0.12163	0.300415	-0.40486	0.685582	0.79533
PTTG1IP	20735.79	-0.49063	0.128737	-3.81114	1.38E-04	0.00309
ABHD16B	97.14777	-0.23446	0.267138	-0.87768	0.380116	0.546414
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
CECR6	21.30937	-0.33402	0.449772	-0.74265	0.457693	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TMEM89	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RIPK4	1050.943	-0.70251	0.210321	-3.3402	8.37E-04	0.00931
MX2	4114.337	-0.37246	0.140413	-2.65261	0.007987	0.040569
PI4KAP2	99.33911	-0.08071	0.233432	-0.34573	0.729543	0.828343
COA5	572.7428	0.518494	0.18139	2.858448	0.004257	0.026493
PSMG1	978.4478	0.208476	0.149976	1.390063	0.16451	0.313294
PRR14L	553.5818	0.06428	0.237438	0.270724	0.786603	0.870699

COL18A1-A	0.616518	2.49285	2.980788	0.836306	0.402983	NA
SERHL2	63.59326	-0.24747	0.29528	-0.8381	0.401976	0.566508
PCBP3	3.161361	-0.18095	1.119589	-0.16162	0.871602	NA
ZNRF3	106.6792	-0.48644	0.335888	-1.44821	0.147559	0.290713
TANGO2	2375.727	-0.43781	0.126043	-3.47351	5.14E-04	0.006912
DGCR6	164.88	-0.08132	0.234398	-0.34694	0.728639	0.827792
ZNF530	113.3433	-0.01004	0.296207	-0.0339	0.972959	0.985082
FAM19A1	0.913173	1.256193	2.465498	0.509509	0.610396	NA
GPR1	7.934447	-1.19238	0.834716	-1.42848	0.153153	NA
CBX6	3954.906	-0.6667	0.183293	-3.63735	2.75E-04	0.004672
KREMEN1	1674.981	-0.49891	0.19162	-2.60364	0.009224	0.044669
TRAIP	185.9482	-0.21042	0.289062	-0.72795	0.466645	0.623684
CHEK2	282.0523	0.239479	0.210639	1.136919	0.255572	0.419747
AIFM3	64.25286	-0.1987	0.274875	-0.72288	0.469755	0.626075
TUBA8	2.282485	1.411313	1.467837	0.961492	0.336305	NA
EMILIN3	0.938845	-1.23445	2.063177	-0.59832	0.549624	NA
CCR4	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
GPR39	0.488709	2.119056	3.307564	0.64067	0.521737	NA
FAM3B	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
TOB2	985.4482	-0.39649	0.151611	-2.61518	0.008918	0.043796
SCN5A	9.186919	1.443008	0.791044	1.824182	0.068125	NA
TTC32	18.61747	0.534491	0.543875	0.982746	0.325732	NA
KCNH8	51.40156	0.990635	0.346371	2.860043	0.004236	0.026417
SMTN	2131.414	-0.38572	0.273972	-1.40789	0.159163	0.306013
PP2D1	7.182898	1.009665	0.819672	1.231791	0.218027	NA
TMPRSS2	4.212277	2.648905	1.392932	1.901676	0.057214	NA
TBX1	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	59.33648	-0.3608	0.326095	-1.10641	0.268547	0.433559
UQCR10	1417.603	-5.27E-04	0.160906	-0.00328	0.997384	0.999065
CLDN5	2.462397	0.159807	1.370046	0.116643	0.907143	NA
NIPSNAP1	1331.528	-0.43907	0.197645	-2.2215	0.026317	0.091064
CRELD2	869.5626	-0.19503	0.162618	-1.19931	0.230407	0.392623
UBE2F	367.0976	0.027995	0.183706	0.15239	0.878879	0.927317
C22orf46	224.4377	0.396275	0.259036	1.529805	0.126065	0.261185
KCNK12	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LINC00315	3.97596	0.856131	1.111051	0.77056	0.440968	NA
DRD5P1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RPL23AP82	364.1619	0.329024	0.178141	1.846981	0.06475	0.165826
KRTAP19-1	28.92925	0.421074	0.511764	0.82279	0.410627	NA
PLA2G6	201.3393	-0.21881	0.220768	-0.99111	0.32163	0.489777
SS18L1	234.2757	0.33997	0.213141	1.59505	0.110701	0.238655
	0.71919	0.510978	2.728734	0.187258	0.851458	NA
THAP7	840.1729	-0.06302	0.196278	-0.32107	0.748154	0.841815
	32.08593	-0.2735	0.375891	-0.72761	0.466854	NA
BPIFC	0.258578	1.233151	4.047809	0.304646	0.760635	NA
TXNRD2	1394.33	-0.1242	0.161491	-0.76911	0.441831	0.601869
FOXD4L1	1.945444	-1.14135	1.564851	-0.72937	0.465776	NA

PIWIL3	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
KRTAP7-1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KCNH7	0.392711	0.292538	3.145221	0.09301	0.925895	NA
ZNF840	0.81145	-0.46945	2.476203	-0.18958	0.849635	NA
5-Sep	131.2108	-0.11536	0.228705	-0.5044	0.613983	0.740239
EIF4ENIF1	557.5501	-0.23353	0.167455	-1.39457	0.163145	0.311548
UBE2G2	2992.949	-0.00972	0.152538	-0.06373	0.949184	0.9717
OSBP2	47.38274	-0.44034	0.335332	-1.31316	0.18913	0.343385
RBM43	139.009	-0.4087	0.344354	-1.18685	0.235286	0.398076
SUMO3	5049.94	-0.20132	0.121737	-1.65372	0.098184	0.220574
PTRHD1	396.2756	0.120496	0.15926	0.756604	0.449287	0.60872
FAM227A	18.14799	0.540992	0.488536	1.107373	0.268133	NA
USP18	414.5118	-1.05432	0.241584	-4.36419	1.28E-05	7.10E-04
NDUFA6	2131.459	0.22736	0.15585	1.458836	0.14461	0.286575
NT5C1B	1.267603	3.51044	2.032346	1.727284	0.084117	NA
UBOX5	256.0344	-0.5014	0.174731	-2.86956	0.00411	0.025893
MAFF	2591.888	-0.25541	0.155908	-1.6382	0.10138	0.225006
SLC24A3	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	2.182371	-0.29308	1.361793	-0.21521	0.829601	NA
INPP5J	14.99298	-0.0483	0.695723	-0.06942	0.944658	NA
ZNF445	410.8829	0.068164	0.188682	0.361262	0.717903	0.820154
ZNF74	429.0879	-0.31184	0.194579	-1.60266	0.10901	0.236125
RBM11	8.714746	0.363828	0.731798	0.497171	0.619069	NA
TCN2	701.6178	-0.76974	0.229907	-3.34806	8.14E-04	0.009153
GAS2L1	1505.205	-0.26735	0.177865	-1.50311	0.13281	0.270093
MAPK11	116.5592	-0.06702	0.310083	-0.21613	0.828887	0.896738
SP140L	293.5001	-0.07254	0.165989	-0.43704	0.662084	0.777669
MRPL30	1.913748	-0.23169	1.455845	-0.15915	0.873553	NA
LINC00158	0.815245	1.670886	2.214146	0.754641	0.450464	NA
SH3BGR	56.31473	0.33065	0.310645	1.064396	0.287149	0.453464
C19orf68	170.9524	-0.44224	0.246392	-1.79488	0.072673	0.179299
L3MBTL1	150.9431	0.051178	0.255288	0.200473	0.841111	0.905336
MRPL40	862.091	0.123988	0.145338	0.853102	0.393603	0.55842
FAM212A	377.7841	-0.3457	0.213907	-1.61611	0.106071	0.231919
UBE2L3	3405.812	-0.10566	0.131758	-0.80196	0.422578	0.584968
BRWD1	578.6773	0.533128	0.299089	1.782504	0.074667	0.182427
SYN3	35.94917	0.165102	0.415426	0.397429	0.691051	NA
LYG2	0.327913	1.543154	4.021063	0.383768	0.701151	NA
PRAME	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
DRG1	1554.018	0.177544	0.162458	1.092861	0.274455	0.4401
NLRP9	0.715249	-0.95037	2.624937	-0.36205	0.717313	NA
DMWD	1015.988	-0.20042	0.143952	-1.39224	0.16385	0.31254
PIGP	385.7687	0.18598	0.169462	1.097476	0.272433	0.437971
RPL12P4	14.96086	0.051615	0.551957	0.093513	0.925496	NA
CECR5-AS1	3.130461	-0.64363	1.092136	-0.58934	0.555636	NA
GNB1L	163.1389	0.029483	0.237836	0.123966	0.901343	0.942193
KLHDC8B	1252.445	-0.1484	0.151307	-0.98081	0.326685	0.494807

SETD4	467.5009	0.145344	0.150854	0.963472	0.335311	0.504007
	14.33859	0.505867	0.547704	0.923614	0.355687	NA
ZNF284	56.76914	0.539353	0.302508	1.782939	0.074596	0.182413
C2orf76	189.6825	0.452324	0.216725	2.087089	0.03688	0.113858
CIDECP	191.946	-0.06687	0.191568	-0.34904	0.727056	0.826786
BPIFB4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZNF749	398.532	-0.16215	0.239329	-0.67752	0.498078	0.648931
	249.454	-0.25497	0.191222	-1.33335	0.182418	0.335341
ZNF17	58.84211	0.294988	0.308973	0.954738	0.33971	0.508003
GPAT2	22.98335	-0.24802	0.473394	-0.52391	0.600341	NA
ZNF501	32.92905	0.255178	0.372143	0.685699	0.492903	NA
ZNF197	315.2958	0.464789	0.278983	1.666012	0.095711	0.216579
SPATA12	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
FAM228A	2.783062	0.573833	1.268947	0.452212	0.651116	NA
MYT1L	0.326333	1.533889	3.826878	0.40082	0.688553	NA
10-Sep	1089.652	0.439859	0.16867	2.607808	0.009112	0.044401
CEACAM19	1.114712	2.170961	2.315032	0.937767	0.348364	NA
NF2	1348.84	-0.47234	0.180329	-2.61935	0.00881	0.043419
PRR5	565.4272	-0.04672	0.254063	-0.18389	0.8541	0.913428
CYP27C1	60.51516	0.511674	0.430721	1.187948	0.234854	0.397628
BCR	1223.895	-0.41749	0.167189	-2.49713	0.01252	0.054851
HYAL3	132.8242	0.002358	0.263662	0.008943	0.992864	0.996901
VSIG10L	222.844	-0.3959	0.193022	-2.05104	0.040263	0.120949
LINC00846	0.778894	2.823374	2.403613	1.174637	0.24014	NA
TRABD2A	6.407353	0.179155	0.828611	0.216211	0.828823	NA
POFUT2	1175.784	-0.17345	0.143948	-1.20492	0.228233	0.389884
TMEM17	131.4714	0.126983	0.236701	0.536472	0.591632	0.723
PPARA	917.194	-0.21681	0.153725	-1.41039	0.158425	0.30499
EFCAB6	12.93886	0.100725	0.582799	0.17283	0.862785	NA
EMID1	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
KRTAP21-2	0.476449	0.524262	3.402674	0.154073	0.877552	NA
TMPRSS6	0.440301	0.468383	3.449808	0.135771	0.892003	NA
RPS19BP1	2798.318	0.115567	0.16714	0.691437	0.489291	0.641937
PLCD1	841.9477	-0.22708	0.135038	-1.68161	0.092645	0.212111
CMC1	671.1425	0.289196	0.162887	1.775437	0.075826	0.184279
LYPD6	507.5951	0.735723	0.308405	2.385573	0.017053	0.067932
SESTD1	478.2506	0.170233	0.233943	0.727669	0.466816	0.623713
BCAM	139.5751	-0.24264	0.24849	-0.97647	0.328829	0.497151
CIDEC	1.49294	-2.24184	1.750328	-1.28081	0.20026	NA
CDHR4	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PTMA	11493.19	0.008317	0.179454	0.046345	0.963035	0.979897
TPM3P7	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
TET3	85.25096	-0.52084	0.294663	-1.76758	0.077132	0.18665
C2orf88	134.8209	-0.02954	0.37208	-0.07939	0.936719	0.964637
NHEJ1	18.3214	-0.12865	0.486235	-0.26459	0.791328	NA
ZNF70	132.4748	-0.63907	0.244844	-2.61011	0.009051	0.044218
CCDC157	103.0049	0.10775	0.227979	0.472631	0.636476	0.757389

SHISA7	2.497224	-1.83E-04	1.274863	-1.43E-04	0.999886	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
C2orf66	0.763859	-0.6945	2.307767	-0.30094	0.76346	NA
DNER	0.638825	1.117948	3.106359	0.35989	0.718929	NA
MORN2	419.0815	0.43706	0.165623	2.638887	0.008318	0.041599
ARL4C	3863.786	0.329871	0.261549	1.26122	0.20723	0.364335
	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
MAPK12	181.9059	-0.03225	0.219689	-0.1468	0.883288	0.930872
TMPPE	53.06842	-0.35445	0.302438	-1.17198	0.241206	0.404398
ZC3H6	147.9997	0.472317	0.358395	1.317865	0.187549	0.341795
POTEE	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
IL17REL	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
C3orf62	151.238	-0.11256	0.208601	-0.53957	0.589493	0.721573
BSPH1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SLC38A3	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
PDCD1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CERKL	82.97668	1.030266	0.303043	3.399732	6.75E-04	0.008102
DUSP28	78.94267	-0.12823	0.298311	-0.42985	0.667305	0.781814
RALGAPA2	487.9244	-0.23515	0.155851	-1.50881	0.131346	0.267959
LDOC1L	1615.427	-0.49132	0.156631	-3.13677	0.001708	0.014611
LINC00319	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PARVB	4648.984	-0.25346	0.122826	-2.06353	0.039062	0.118314
TEKT4P2	42.10026	0.248747	0.36414	0.683108	0.494539	NA
SLC4A5	2.940695	1.014936	1.277125	0.794703	0.426786	NA
FSIP2	1.512544	1.793508	1.857062	0.965777	0.334156	NA
TMEM198	251.3693	-0.02789	0.189363	-0.14731	0.88289	0.930536
TMSB4XP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZNF548	135.1053	0.152593	0.248705	0.613551	0.539512	0.681722
RPL14	14120.66	0.225126	0.149392	1.506947	0.131824	0.26861
	237.218	-0.27166	0.230787	-1.17708	0.239163	0.402358
H1F0	6622.255	-0.17953	0.203502	-0.88221	0.377666	0.544108
RIMKLBP1	0.803131	-0.76693	2.349822	-0.32638	0.744138	NA
BLOC1S3	440.2819	-0.38655	0.18247	-2.11841	0.03414	0.108072
ZNF600	65.78503	0.529784	0.305987	1.731395	0.083381	0.196714
PAX8-AS1	324.4435	0.075443	0.196358	0.384212	0.700821	0.807644
	5.500383	-0.12256	0.928581	-0.13198	0.894999	NA
C22orf43	0.162376	0.424913	4.079006	0.104171	0.917034	NA
FHIT	250.2298	-0.21922	0.185145	-1.18407	0.236385	0.399195
FAM150B	3.846479	1.353942	1.144252	1.183256	0.236708	NA
RRP7A	1496.948	-0.30328	0.205315	-1.47716	0.139632	0.279776
FAM179A	4.669382	-0.47417	0.98863	-0.47963	0.631493	NA
TMEM194I	295.8612	0.11324	0.238291	0.475218	0.634631	0.755984
SYCP2	35.22193	1.100294	0.588764	1.868819	0.061648	NA
PTPRT	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MYT1	3.688615	-0.50513	1.11215	-0.45419	0.64969	NA

SPATS2L	1727.446	0.111694	0.15679	0.71238	0.476229	0.631298
WDSUB1	232.4572	0.002	0.20905	0.009569	0.992365	0.996738
GREB1	3282.868	-0.69212	0.18598	-3.7215	1.98E-04	0.003853
ZNF766	194.5453	0.490661	0.274222	1.789283	0.073569	0.180809
SRGAP3	42.26572	-0.90174	0.363754	-2.47899	0.013176	NA
FAM217B	459.496	0.60434	0.22059	2.73965	0.00615	0.03389
XPNPEP3	299.0986	-0.16628	0.183661	-0.90538	0.365265	0.532491
ZNF471	33.25134	1.217997	0.518156	2.350638	0.018741	NA
ZNF836	68.07101	-0.13078	0.313416	-0.41728	0.676473	0.788478
NIF3L1	587.6249	0.150823	0.176327	0.855359	0.392352	0.557385
CGB7	6.617679	0.263935	0.850222	0.310431	0.756233	NA
ZKSCAN7	62.28348	-0.46679	0.30141	-1.54869	0.121457	0.254304
PTPN1	3756.536	-0.53357	0.124578	-4.28299	1.84E-05	8.78E-04
ZNF765	101.394	0.556988	0.317942	1.751856	0.079799	0.191075
XRCC6	7586.388	-0.09598	0.143755	-0.66763	0.504367	0.653972
LINC00176	4.792016	-0.73524	0.981694	-0.74895	0.453889	NA
RFX8	0.163957	0.424913	4.079006	0.104171	0.917034	NA
C20orf96	348.0428	-0.01725	0.187993	-0.09177	0.92688	0.958156
PRPF40A	1178.82	0.949548	0.653077	1.453959	0.145958	0.28834
SULF2	35.94157	-0.67522	0.404602	-1.66885	0.095147	NA
PLXNB2	6554.076	-0.52572	0.148529	-3.53949	4.01E-04	0.005923
MKL1	1208.815	-0.53864	0.139233	-3.8686	1.09E-04	0.002726
POTEF	0.937118	0.09073	2.07701	0.043683	0.965157	NA
RIMBP3	7.109639	0.222472	0.751773	0.29593	0.767284	NA
HRH1	0.556667	0.972496	2.522454	0.385536	0.699841	NA
ZNF502	30.14269	0.641987	0.438423	1.464312	0.143109	NA
TTC30B	95.83457	-0.00387	0.246588	-0.0157	0.98747	0.99347
ZNF512B	964.37	-0.37496	0.160634	-2.33424	0.019583	0.074698
ZNF418	58.27558	0.305722	0.368463	0.82972	0.406697	0.570377
SNHG17	692.8432	-0.16054	0.159067	-1.00927	0.312846	0.48004
CHRNG	0.853176	0.733892	2.189324	0.335214	0.737464	NA
ADA	202.5835	-0.37041	0.246239	-1.50428	0.132509	0.269681
ARID5A	703.4044	0.137293	0.260574	0.526887	0.598272	0.728035
RGPD4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZFP28	157.6119	0.197168	0.284173	0.69383	0.487789	0.640674
KIAA1211L	8.887573	-0.90556	0.755883	-1.19801	0.230913	NA
ANKRD36B	22.20557	0.928071	0.522186	1.77728	0.075522	NA
RIMBP3B	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SLC39A10	526.6736	0.727549	0.256255	2.839159	0.004523	0.027525
AP2A1	6008.048	-0.32916	0.129841	-2.53508	0.011242	0.050962
ANXA4	3345.085	0.23242	0.131076	1.773168	0.076201	0.184963
ZNF470	132.6582	0.320899	0.378939	0.846836	0.397087	0.56175
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
KIAA1671	213.3477	-0.34481	0.237537	-1.4516	0.146613	0.289346
ZGPAT	648.6934	-0.23208	0.15472	-1.5	0.133615	0.27128
PGAP1	313.4354	0.226815	0.260849	0.869527	0.384559	0.550664
SRC	1354.437	-0.33422	0.140991	-2.37049	0.017764	0.069688

ZNF772	139.9251	0.027232	0.2451	0.111106	0.911532	0.948657
	20.02639	0.33854	0.481647	0.702879	0.482131	NA
C20orf112	361.3733	-0.58449	0.205349	-2.84635	0.004422	0.027205
ZSCAN5B	1.047306	0.316192	2.099018	0.150638	0.880261	NA
C1D	340.0802	0.686675	0.188525	3.642352	2.70E-04	0.004608
FITM2	1117.485	-0.50225	0.168803	-2.97537	0.002926	0.020798
PELI1	330.4046	0.41954	0.253395	1.655672	0.097788	0.219811
DACT3	134.4713	-0.18906	0.212887	-0.88808	0.374495	0.540843
ADARB1	1231.062	-0.14911	0.134726	-1.10673	0.268411	0.433457
ZNF860	52.88868	0.677849	0.348412	1.945541	0.05171	0.141653
C5AR1	0.654449	1.296029	2.63083	0.492631	0.622273	NA
STMN3	651.5118	-0.06667	0.281883	-0.23653	0.81302	0.888676
ZNF628	331.3688	-0.57105	0.190129	-3.00347	0.002669	0.019642
SLC2A10	407.7405	-0.1743	0.228887	-0.76152	0.446347	0.606122
ZNF665	17.76221	-0.07621	0.551794	-0.13811	0.890152	NA
ATG7	465.4979	-0.23847	0.159304	-1.49698	0.134399	0.272639
TTC30A	101.3398	0.030328	0.268629	0.1129	0.91011	0.947811
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
ENTPD6	2653.655	-0.05672	0.134179	-0.42269	0.672525	0.785573
KLKP1	0.488709	2.119056	3.307564	0.64067	0.521737	NA
ZNF841	104.676	0.413119	0.285831	1.445325	0.148367	0.291544
ZNF615	96.57883	0.776098	0.259769	2.987643	0.002811	0.020314
DPP4	3983.416	-0.15805	0.193327	-0.81755	0.413617	0.576757
	3.289142	0.728857	1.118029	0.651912	0.514458	NA
RPE	651.7711	0.414033	0.166719	2.483413	0.013013	0.056459
ZNF460	38.71958	0.144244	0.39379	0.366296	0.714144	NA
RPL37A	27232.45	0.211181	0.158431	1.332948	0.182549	0.33547
	7.77511	-0.47217	0.754999	-0.62539	0.531715	NA
SLC9A8	865.6522	-0.57475	0.157694	-3.64473	2.68E-04	0.004599
FAM49A	12.00353	0.130448	0.734287	0.177653	0.858995	NA
NKIRAS1	379.0811	0.643674	0.192342	3.346508	8.18E-04	0.009177
C2orf27A	14.06475	0.013826	0.543078	0.025459	0.979689	NA
ZNF677	162.6369	0.202897	0.316344	0.641382	0.521274	0.668146
ZNF347	80.95212	0.211045	0.353833	0.596454	0.550872	0.692009
ZNF71	491.1627	-0.17639	0.164489	-1.07238	0.283549	0.450055
ZNF335	678.2095	-0.32748	0.159723	-2.05033	0.040332	0.121017
ZNF667	104.274	0.75943	0.386681	1.963968	0.049534	0.137692
SIRPA	4852.321	-0.62443	0.188021	-3.32109	8.97E-04	0.009708
SULT1C4	0.394291	0.298745	3.141711	0.09509	0.924243	NA
SFI1	405.1663	-0.30915	0.174792	-1.7687	0.076944	0.186347
ZNF649	216.5632	-0.04737	0.209524	-0.22609	0.821128	0.892334
HIBCH	945.7739	0.314984	0.185628	1.69686	0.089723	0.207343
ZNF544	305.2574	-0.13371	0.165793	-0.80651	0.419946	0.58289
SOWAHC	295.5556	0.390487	0.200341	1.949109	0.051282	0.140999
DDRGK1	1749.779	-0.15358	0.174609	-0.87959	0.379082	0.545391
ZNF334	44.08821	0.483253	0.509185	0.949072	0.342584	NA
SULT1C2	104.659	-0.24285	0.461167	-0.5266	0.59847	0.7282

QRICH1	1820.268	-0.31154	0.125497	-2.48241	0.01305	0.056565
UCKL1	770.6606	-0.25041	0.161517	-1.55038	0.121051	0.253678
PEG3	11.50172	0.600176	0.655749	0.915253	0.360059	NA
TMEM239	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ZNF813	81.25736	0.674816	0.47856	1.410097	0.158511	0.305106
PIM3	2204.816	-0.05556	0.219543	-0.25308	0.800205	0.879677
SPRED2	902.483	-0.1971	0.168217	-1.1717	0.241317	0.404426
GFPT1	1725.985	0.359528	0.154428	2.328125	0.019905	0.075484
ITSN2	558.8557	0.799342	0.347208	2.302201	0.021324	0.079097
ZNF583	88.70664	0.538917	0.26752	2.014492	0.043958	0.127788
ZNF480	225.5226	0.945942	0.342342	2.763149	0.005725	0.032425
ZNF587	298.223	-0.1066	0.206825	-0.51543	0.606254	0.734356
ZNF280B	207.2176	-0.22502	0.26453	-0.85063	0.394973	0.559494
ZNF808	67.77139	0.075143	0.318166	0.236177	0.813295	0.888705
GPN1	851.0018	0.08532	0.142005	0.600821	0.547959	0.689317
PABPC1P2	0.70851	-1.62753	2.686091	-0.60591	0.544574	NA
ZNF28	118.7888	0.522451	0.3314	1.576495	0.114912	0.244486
TLK1	456.9685	0.532809	0.287485	1.853346	0.063833	0.164285
C3orf35	1.854793	0.825848	2.000198	0.412883	0.679692	NA
COPS8	3384.627	0.205904	0.135045	1.524699	0.127334	0.263216
PPIAP22	101.6692	0.281253	0.259125	1.085393	0.277748	0.443726
ZNF534	3.532335	0.602567	1.085964	0.554869	0.578984	NA
FAM3D	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
NCOA6	990.9433	-0.475	0.213067	-2.22936	0.02579	0.089951
STK39	750.5775	0.300133	0.145554	2.062008	0.039207	0.118672
SLC5A3	2731.627	0.84337	0.927328	0.909462	0.363106	0.530322
TMEM184E	2273.344	-0.44262	0.144616	-3.06066	0.002209	0.017259
	424.033	0.769377	0.31514	2.44138	0.014631	0.060862
LTN1	752.279	0.795534	0.266627	2.983697	0.002848	0.020461
ITPRIPL1	221.0795	-0.16608	0.219827	-0.75553	0.449933	0.609317
TOP1	948.8962	0.574893	0.602911	0.953529	0.340322	0.508571
SREBF2	10863.44	-0.49886	0.121025	-4.12198	3.76E-05	0.0014
POU3F3	0.586491	2.39072	2.689057	0.889055	0.373973	NA
ATG9A	3161.901	-0.5329	0.167968	-3.17262	0.001511	0.013619
NAGA	1681.45	-0.47437	0.143704	-3.30103	9.63E-04	0.010106
TGM2	12.70821	-0.5593	0.5946	-0.94063	0.346897	NA
MIR103A2	4.493666	0.6875	1.067422	0.644075	0.519527	NA
MIR425	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR26A1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR26B	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIRLET7G	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNORA60	1.118988	-1.27548	2.033024	-0.62738	0.530411	NA
	1.292043	0.040764	1.785235	0.022834	0.981783	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNA5SP47	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-228P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-1301	0.151697	-1.546	4.075469	-0.37934	0.704433	NA

	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SKP18	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SKP17	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RN7SKP74	0.738188	1.39874	2.317793	0.603479	0.54619	NA
RNU1-134	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-129	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU5B-2P	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
RNU6-433	0.327913	1.543154	4.021063	0.383768	0.701151	NA
RNA5SP12	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-114	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNORA71D	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-137	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
RNU6-674	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-104	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-454	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RNU6-101	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-312	0.422534	1.924583	3.001758	0.641152	0.521424	NA
SNORA71C	0.842497	-0.24499	2.018471	-0.12137	0.903397	NA
RNA5SP13	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNA5SP47	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RNU6-384	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU4-8P	0.653015	0.2552	2.787103	0.091565	0.927044	NA
RN7SKP80	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
RNU6-407	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.585114	1.12675	2.73598	0.411827	0.680466	NA
SNORD82	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RNU6-108	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU6-395	27.04871	-0.55569	0.401149	-1.38525	0.165976	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZNF525	51.94492	0.366017	0.415837	0.880195	0.378754	0.544984
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
RBMS3-AS	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PCMTD2	695.4753	0.404308	0.204383	1.978189	0.047907	0.134949
SOX18	9.322111	-0.32028	0.653111	-0.4904	0.623852	NA
	3.298775	-0.18716	1.253306	-0.14933	0.881291	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
SYS1	691.337	-0.13647	0.184595	-0.73927	0.459743	0.618083
MAFB	315.5927	0.036974	0.318537	0.116074	0.907594	0.946475
TRAF3IP1	359.0687	0.440305	0.219409	2.006781	0.044773	0.129302

	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GIGYF2	2110.581	-0.09118	0.132898	-0.68609	0.492657	0.64393
C2orf72	243.0503	0.281985	0.22671	1.243817	0.213567	0.372274
ZDBF2	137.1154	0.687688	0.349873	1.965534	0.049352	0.137438
BMPR2	2104.434	0.188139	0.284558	0.661163	0.508508	0.657257
HNRNPCP2	10.60422	-0.48156	0.690903	-0.697	0.485803	NA
COL5A2	3514.869	-0.05178	0.20079	-0.25789	0.796491	0.87685
DFNB59	8.77964	1.082939	0.697865	1.551788	0.120713	NA
ERICH2	2.19147	0.087988	1.326957	0.066308	0.947133	NA
SP5	2.251467	0.062178	1.297425	0.047924	0.961777	NA
	4.873253	1.869503	1.224237	1.527076	0.126742	NA
MBD5	303.8509	0.083519	0.187453	0.445545	0.655926	0.772809
POTEKP	0.854757	0.736707	2.188665	0.336601	0.736418	NA
ZNF814	93.45528	0.166684	0.251663	0.662329	0.507761	0.656577
ZNF551	17.63827	-0.10876	0.559217	-0.19449	0.845794	NA
ZNF805	56.65299	0.155329	0.308539	0.503434	0.614659	0.740828
ZSCAN5C	0.680121	-0.88898	2.365123	-0.37587	0.707013	NA
	4.109902	-0.161	1.007253	-0.15985	0.873003	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	14.4191	0.96592	0.562407	1.717475	0.085892	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC01123	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
ZNF468	109.4752	0.39157	0.254394	1.539226	0.123749	0.258089
ZNF616	190.2282	0.332496	0.246707	1.347736	0.177743	0.330119
TBC1D8	529.3584	0.120553	0.204864	0.588451	0.55623	0.695727
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ASPDH	2.887306	-1.01849	1.378645	-0.73876	0.460053	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
AKT1S1	2556.712	-0.20914	0.147857	-1.41448	0.157222	0.303457
STARD7-AS	112.0643	-0.17494	0.232347	-0.7529	0.451507	0.610554
	1.482903	0.434893	1.641474	0.26494	0.791055	NA
	14.05327	1.073555	0.665688	1.6127	0.10681	NA
MRPL53	35.22366	-0.20656	0.374698	-0.55127	0.581449	NA
DCTN1	7951.339	-0.32986	0.140055	-2.35519	0.018513	0.0717
PNMAL2	54.25327	-0.68456	0.321887	-2.12671	0.033444	0.10676
IGFL2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
IGFL4	7.931441	1.564366	1.047382	1.493596	0.135281	NA
FBXO48	52.63254	0.232117	0.308828	0.751607	0.452287	0.611248
	2.008661	-1.42041	1.485751	-0.95602	0.339061	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
LINC01121	0.653015	0.2552	2.787103	0.091565	0.927044	NA
C2orf91	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
CDKL4	1.148665	0.530005	1.802635	0.294017	0.768745	NA
LINC00654	153.1202	-0.2785	0.221764	-1.25584	0.209173	0.366717
VIT	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
CHKB-AS1	38.84085	0.037393	0.336578	0.111098	0.911539	NA

CPT1B	10.0238	-0.24533	0.717245	-0.34205	0.732313	NA
HMGN1	1527.748	0.262532	0.144496	1.816884	0.069235	0.173233
DENND6B	64.89032	0.005453	0.271349	0.020096	0.983967	0.991494
	3.712034	-0.3207	1.16677	-0.27486	0.783425	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MFSD2B	0.709559	2.702128	2.840259	0.951367	0.341418	NA
CDPF1	160.5866	-0.2126	0.216319	-0.98282	0.325696	0.493687
SMIM11	580.4195	0.320302	0.179688	1.78255	0.07466	0.182427
CYP2D7P	4.297625	0.197216	1.143534	0.172461	0.863075	NA
LINC00634	3.230422	-0.80657	1.177974	-0.68471	0.493529	NA
ITSN1	714.1793	0.394914	0.23707	1.665813	0.095751	0.21662
CRYZL1	560.0829	0.348973	0.188367	1.852628	0.063936	0.164427
CYS1	17.33995	-0.59412	0.521725	-1.13876	0.254805	NA
RFPL3S	0.601483	-1.7332	2.729494	-0.63499	0.525436	NA
C21orf62	0.354779	1.703954	3.657232	0.465914	0.641277	NA
C21orf49	14.28863	0.639434	0.558612	1.144684	0.25234	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
IGLL3P	1.733779	0.863739	1.543172	0.559716	0.575673	NA
TMEM191(	9.611356	-0.03818	0.719487	-0.05307	0.957674	NA
P2RX6P	0.661122	-3.06315	2.98049	-1.02773	0.304076	NA
	14.84438	-0.147	0.520801	-0.28225	0.77775	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
TRIM71	1.015699	0.142451	2.181052	0.065313	0.947925	NA
ZCWPW2	9.441945	0.441029	0.803143	0.549129	0.582917	NA
ANKRD28	2803.688	0.426795	0.235342	1.813507	0.069754	0.174038
COLQ	27.94037	0.216727	0.485106	0.446762	0.655047	NA
METTL6	292.7089	0.165841	0.175563	0.944626	0.34485	0.512884
	25.16112	-0.74276	0.418118	-1.77643	0.075662	NA
SETD5-AS1	135.2905	0.85895	0.258142	3.327432	8.77E-04	0.009546
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.825079	-2.06702	2.533819	-0.81577	0.41463	NA
SNORA70F	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SNORA75	0.520316	2.239969	3.173769	0.705776	0.480328	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-1024	0.487129	2.123445	3.910539	0.543006	0.587126	NA
SNORA70B	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA
RNU6-5P	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA
RNU6-611F	0.641986	1.117767	2.709494	0.412537	0.679946	NA
SNORD51	1.595437	-0.5998	1.62242	-0.3697	0.711608	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-31P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-900F	0.163957	0.424913	4.079006	0.104171	0.917034	NA

SNORD20	0.392711	0.292538	3.145221	0.09301	0.925895	NA	
RNU6-851P	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	3.518438	0.256826	1.091358	0.235327	0.813955	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
RNU6-476P	0.394291	0.298745	3.141711	0.09509	0.924243	NA	
MIR647	0.326333	1.533889	3.826878	0.40082	0.688553	NA	
MIR191	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
MIR499A	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
MIR659	2.145512	-0.8614	1.478923	-0.58245	0.560262	NA	
MIR642A	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA	
MIR646	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
MIR138-1	0.764062	-1.46884	2.483016	-0.59155	0.55415	NA	
MIR644A	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
MIR645	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
MIR185	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
SNORD94	2.608257	1.742849	1.402152	1.242982	0.213875	NA	
SNORD83A	3.256689	-0.45393	1.107272	-0.40996	0.681837	NA	
SACM1L	2081.834	0.681881	0.160988	4.235615	2.28E-05	9.97E-04	
TSN	2648.913	0.040193	0.131659	0.30528	0.760153	0.850634	
IGLV5-52	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
IGLV1-51	0.584911	2.38756	2.690807	0.887303	0.374916	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
SNORD17	10.65257	0.667961	0.625026	1.068692	0.285208	NA	
SNORD89	1.865712	1.010494	1.752093	0.576736	0.564118	NA	
SNORD12	1.988227	3.102483	1.717293	1.806612	0.070823	NA	
RNU6-882P	1.171751	1.845228	2.071346	0.890835	0.373018	NA	
SNORD69	1.455009	-1.54356	1.678891	-0.91939	0.357891	NA	
SNORD19	0.921134	0.131863	2.11947	0.062215	0.950391	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
RNA5SP474	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	365.1518	-0.24891	0.157052	-1.58489	0.112991	0.241789	
RPS15AP36	1.278443	-1.18833	1.874683	-0.63388	0.526158	NA	
VN2R17P	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA	
ZNF580	804.5622	-0.22649	0.140407	-1.6131	0.106722	0.232957	
ZNF611	97.41737	0.232765	0.289588	0.80378	0.421524	0.584123	
SYT3	7.368645	0.843199	0.807038	1.044808	0.296112	NA	
NUP62	1268.881	-0.40634	0.134609	-3.01864	0.002539	0.019039	
RPL23AP80	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA	
PPP1R14BP	30.31373	-0.29079	0.402015	-0.72333	0.469475	NA	
	4.299544	1.534052	1.034316	1.483155	0.138033	NA	
NPM1P46	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
AHCYP5	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
KLHL23	21.9493	0.011669	0.467752	0.024947	0.980097	NA	

BTF3L4P2	3.577326	-0.87674	1.075871	-0.81491	0.415122	NA
	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	0.696104	-0.93034	2.354268	-0.39517	0.692715	NA
	18.80446	0.716831	0.545538	1.313989	0.18885	NA
	5.66767	-0.31984	1.070817	-0.29869	0.765178	NA
YWHAZP2	7.72682	-0.42193	0.731239	-0.57701	0.563934	NA
ANKRD39	423.8485	-0.11299	0.16067	-0.70321	0.481924	0.636073
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	1.282944	-0.71339	1.77411	-0.40211	0.687601	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
H2AFZP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FTH1P3	2.488511	-1.15753	1.43419	-0.80709	0.419612	NA
PPIAP16	0.841063	-2.08438	2.306687	-0.90362	0.366195	NA
TMEM110	104.1072	-0.27218	0.256772	-1.05999	0.28915	0.455471
RPLP0P6	444.5745	-0.26242	0.166935	-1.572	0.11595	0.246254
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LBH	594.5226	-0.62242	0.156967	-3.96528	7.33E-05	0.002099
PPP1CB	2113.337	0.393199	0.183098	2.147482	0.031755	0.103214
NCKIPSD	753.1469	-0.27223	0.178885	-1.5218	0.12806	0.264301
	0.926438	-0.78569	2.072011	-0.37919	0.704544	NA
TREX1	746.6165	-0.35593	0.148366	-2.39899	0.01644	0.066248
SLC35F6	1110.466	-0.57118	0.151451	-3.77136	1.62E-04	0.003443
HMGB1P1(	1.937191	0.501769	1.44322	0.347673	0.728086	NA
FAM209B	1.007997	0.255096	2.389543	0.106755	0.914983	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ZNF337-AS	18.77407	0.189628	0.626536	0.302662	0.762148	NA
CENPBD1P	753.4406	-0.21269	0.144564	-1.47128	0.141216	0.281791
ZNF134	484.4823	0.021221	0.200599	0.105786	0.915752	0.9513
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.813811	0.928591	2.591569	0.358312	0.72011	NA
OLA1P1	1.610509	1.167658	1.618286	0.72154	0.470577	NA
ZNF888	0.571659	-3.00664	3.038724	-0.98944	0.322447	NA
ZNF845	96.17599	0.623624	0.379672	1.642536	0.100479	0.223642
RPL13P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SUGT1P2	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	78.68394	-0.42345	0.278957	-1.51798	0.129018	0.265356
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TAF9BP1	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
CFL1P7	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPL13AP7	3.872583	0.021082	1.11819	0.018854	0.984958	NA
	92.47403	-0.41402	0.249286	-1.66084	0.096746	0.21817
PPM1N	51.85221	0.651305	0.341421	1.90763	0.056439	0.150368

SLC23A3	9.736634	0.368699	0.765117	0.481886	0.629887	NA
RPL5P8	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
CSNK1E	5571.971	-0.09167	0.138684	-0.66097	0.508634	0.657276
SEPHS1P6	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
DNAJB1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS10P2	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
API5P2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	33.84223	-0.145	0.410929	-0.35286	0.724195	NA
RPL7AP14	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	1.209682	0.725753	1.849937	0.392312	0.694828	NA
TTLL3	70.92416	0.122261	0.301591	0.405387	0.685193	0.795122
PGAM1P4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
CPSF1P1	46.26413	-1.39885	0.503724	-2.77702	0.005486	NA
GNAQP1	0.744715	-0.63075	2.564852	-0.24592	0.805743	NA
CPNE1	2795.862	-0.18268	0.216163	-0.84509	0.398062	0.56286
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	10.4878	-0.70901	0.634379	-1.11765	0.263717	NA
	2.724395	0.283408	1.215847	0.233095	0.815688	NA
XPOTP1	3.586802	-0.29828	1.095928	-0.27217	0.785491	NA
EEF1A1P12	33.18315	-0.25856	0.476063	-0.54311	0.587052	NA
PDCL3P3	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CYCSP6	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SMARCE1P	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RPS15AP1	6.51075	0.396523	0.792247	0.500504	0.61672	NA
RPS4XP3	5.471844	-0.2732	0.848492	-0.32198	0.747468	NA
COPS8P2	1.424835	-0.73179	1.663339	-0.43995	0.659972	NA
EML6	17.88121	0.644486	0.539233	1.195189	0.232013	NA
RPS19P1	6.244503	0.019255	0.861823	0.022342	0.982175	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
ARHGEF33	13.02809	0.880751	0.601521	1.464205	0.143138	NA
IFRD2	1953.058	-0.21087	0.154638	-1.36361	0.17269	0.324032
CAPN14	64.04248	-0.22246	0.289276	-0.76902	0.441883	0.601869
RPL5P35	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.556667	0.972496	2.522454	0.385536	0.699841	NA
MPRIPP1	3.822252	0.260935	0.999985	0.260939	0.794139	NA
HMGB1P4	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
APOC1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SRSF9P1	0.915556	-1.07826	2.191337	-0.49206	0.62268	NA
RPL23AP3	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	8.583584	1.147005	0.880866	1.302135	0.19287	NA
C22orf29	533.3202	-0.46569	0.187464	-2.48417	0.012985	0.05641
DSTNP4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
OR7E122P	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
PEX26	2207.466	-0.2443	0.160965	-1.51771	0.129089	0.265408

FASTKD5	691.9547	-0.00597	0.162843	-0.03669	0.970735	0.983955
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
VPS16	1035.472	-0.29358	0.130005	-2.25823	0.023931	0.085415
GPX1P2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
SLC25A5P1	0.354779	1.703954	3.657232	0.465914	0.641277	NA
LINC00478	5.751486	0.733216	0.900538	0.814198	0.415532	NA
ACTG1P3	0.720624	1.435938	2.334155	0.615185	0.538432	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MCM3AP-A	59.40956	0.339872	0.299241	1.135783	0.256047	0.420246
NPEPL1	209.0547	-0.27487	0.196319	-1.40012	0.161479	0.309069
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	131.2096	-0.2057	0.343242	-0.5993	0.548974	0.690147
ZNF663P	1.266023	3.509235	2.049126	1.712552	0.086795	NA
	3.627127	-1.12929	1.286379	-0.87788	0.380007	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RPL27AP	0.968668	-0.08001	2.195869	-0.03644	0.970935	NA
	4.164851	1.80197	1.077332	1.672622	0.094402	NA
PI4KAP1	73.08972	0.365615	0.29343	1.246005	0.212763	0.371473
EFCAB8	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ANKRD20A	3.603012	0.882982	1.058219	0.834404	0.404054	NA
GAB4	4.464965	-1.11824	0.993995	-1.12499	0.260592	NA
C20orf202	1.506403	1.704481	1.818534	0.937283	0.348613	NA
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
MIR941-1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR933	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR298	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL10P1	0.841063	-2.08438	2.306687	-0.90362	0.366195	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
SYCE3	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	0.758758	-0.35643	2.514365	-0.14176	0.887273	NA
	1.741627	0.179272	1.513121	0.118478	0.905689	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	19.01966	-0.42416	0.542066	-0.78248	0.433933	NA
	0.571659	-3.00664	3.038724	-0.98944	0.322447	NA
	8.950751	-0.45148	0.664162	-0.67977	0.496648	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CEBPZ-AS1	725.7043	0.07159	0.178681	0.400661	0.68867	0.797595
TDRD15	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF579	545.5455	-0.41147	0.171444	-2.40005	0.016393	0.066132
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
FAM19A5	398.5576	-0.39019	0.291737	-1.33746	0.181071	0.333581
FAM228B	41.77065	0.849211	0.417976	2.031724	0.042182	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	17.15323	0.40571	0.524465	0.77357	0.439185	NA
MIR1302-3	0.096202	0.408546	4.079639	0.100143	0.920231	NA

	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
SNORD88A	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
MIR663B	3.417318	-0.06746	1.169148	-0.0577	0.953988	NA
	0.820549	0.502564	2.433834	0.206491	0.836408	NA
MIR1301	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6ATAC	0.354779	1.703954	3.657232	0.465914	0.641277	NA
MIR1249	7.524266	-1.17654	0.811673	-1.44953	0.14719	NA
PPP3R1	1917.982	-0.12638	0.127856	-0.98848	0.322918	0.490809
C2orf16	32.02894	-0.58856	0.38148	-1.54282	0.122874	NA
ARIH2OS	20.66694	-0.33273	0.4472	-0.74404	0.456853	NA
NPTXR	52.47306	-0.64346	0.325507	-1.9768	0.048064	0.13528
C19orf73	15.20893	0.114403	0.542982	0.210694	0.833126	NA
ZNF880	171.5192	0.048825	0.303734	0.160748	0.872292	0.924028
TIGD1	31.08026	0.804543	0.38371	2.096745	0.036016	NA
APOL6	279.2797	-0.5594	0.231474	-2.41671	0.015662	0.063848
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
LINC01118	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
RAB6C	0.096202	0.408546	4.079639	0.100143	0.920231	NA
C21orf140	15.84576	-0.05611	0.542177	-0.1035	0.917569	NA
	7.103232	0.548589	0.818807	0.669985	0.502867	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC01124	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ADRA2B	2.024856	-0.35634	1.529265	-0.23301	0.815751	NA
LINC00152	371.3248	0.123204	0.207618	0.593415	0.552904	0.693616
	2.825495	0.580163	1.217955	0.476342	0.633831	NA
	2.803778	-0.34892	1.145644	-0.30456	0.760701	NA
	2.102342	1.932711	1.554638	1.24319	0.213798	NA
SNORD12B	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA
RN7SKP271	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
RNA5SP494	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RNU2-52P	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RN7SKP38	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU4-78P	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
RN7SKP112	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNA5SP107	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.490493	0.776209	2.895261	0.268096	0.788625	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.010809	2.054089	2.306032	0.890746	0.373065	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	3.038265	0.490262	1.118905	0.438163	0.661268	NA
ATP6V0E1P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.416995	-0.8668	1.411984	-0.61389	0.539288	NA

MTND5P28	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RFPL4A	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	9.376012	0.131641	0.668433	0.196939	0.843875	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
EEF1A1P24	2.164713	-0.53863	1.366844	-0.39407	0.69353	NA
DIP2A-IT1	0.744715	-0.63075	2.564852	-0.24592	0.805743	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.900913	-0.26014	2.222223	-0.11706	0.90681	NA
	0.653015	0.2552	2.787103	0.091565	0.927044	NA
	0.947594	1.902131	2.454497	0.774958	0.438365	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.786799	1.578877	2.532268	0.623503	0.532954	NA
LINC00205	72.87691	-0.25071	0.373334	-0.67156	0.501867	0.65228
UBE2E1-AS	3.553381	-0.76523	1.132848	-0.67549	0.499363	NA
ENTPD3-AS	95.52466	0.041716	0.273786	0.152366	0.878898	0.927317
IL10RB-AS1	7.697188	-0.10631	0.741225	-0.14343	0.885952	NA
LINC00114	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
EEF1A1P1	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
DAZAP2P1	61.85578	-0.3127	0.326363	-0.95814	0.337993	0.506819
	0.476449	0.524262	3.402674	0.154073	0.877552	NA
	0.883	1.784395	2.188528	0.81534	0.414878	NA
	0.572651	0.928649	2.780261	0.334015	0.738368	NA
OSER1-AS1	246.434	-0.10986	0.175023	-0.62769	0.53021	0.675004
SEC13P1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ASS1P2	0.796661	1.607053	2.50763	0.640865	0.52161	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	3.434882	-0.07673	1.183693	-0.06482	0.948317	NA
	210.4043	0.057235	0.199852	0.286387	0.774582	0.860453
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.709944	0.232855	2.332364	0.099837	0.920474	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CCNT2-AS1	20.41633	0.575894	0.484963	1.187502	0.23503	NA
	2.357956	-0.8582	1.388485	-0.61808	0.536521	NA
	13.4436	0.751213	0.661464	1.135683	0.256089	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	12.86923	0.183569	0.577704	0.317757	0.750669	NA
UBE2FP1	16.96237	0.839818	0.530698	1.582478	0.113541	NA
	15.86924	0.194101	0.542349	0.35789	0.720426	NA
RPS24P8	1.667133	-0.03825	1.741107	-0.02197	0.982471	NA
ATG12P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.727508	0.192954	2.572892	0.074995	0.940219	NA

	33.28908	-0.19588	0.376931	-0.51966	0.603299	NA
HMGB1P9	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DNAJC27-A	4.236693	-0.27344	0.955014	-0.28632	0.774632	NA
	109.2778	0.003299	0.305452	0.010802	0.991382	0.996256
HOXD-AS1	312.486	0.808672	0.35261	2.293392	0.021825	0.080404
	1.481322	0.442244	1.686201	0.262272	0.793111	NA
MINOS1P3	24.96345	0.215786	0.427423	0.504854	0.613661	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MSL3P1	52.69824	0.231217	0.317533	0.728167	0.466511	0.623646
	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA
CHL1-AS2	3.335577	-0.0373	1.16813	-0.03194	0.974524	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.06294	2.033685	2.088387	0.973807	0.330152	NA
	0.915759	-1.79003	2.342046	-0.7643	0.444687	NA
	16.90646	-0.4537	0.510162	-0.88932	0.37383	NA
BACE2-IT1	0.987309	0.267164	2.098144	0.127333	0.898677	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1437.954	-0.3914	0.228992	-1.70925	0.087405	0.203133
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ADM5	4.51147	0.489996	1.039548	0.471355	0.637387	NA
PRKAR2A-A	13.62684	-0.66995	0.545107	-1.22902	0.219065	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
RSL24D1P6	1.233919	-2.69077	2.106908	-1.27712	0.20156	NA
PGAM1P6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.599903	-1.73313	2.730982	-0.63462	0.525678	NA
TTC21B-AS	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
LINC01087	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
LINC01117	8.102691	-0.33521	0.727383	-0.46085	0.644907	NA
RPS5P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	5.226267	0.070078	0.920841	0.076102	0.939338	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
SH3BP5-AS	40.5083	1.067619	0.356643	2.993523	0.002758	NA
EIF3EP2	1.526916	0.456861	1.739807	0.262593	0.792864	NA
	2.525679	1.072278	1.336133	0.802523	0.42225	NA
	2.011684	0.595727	1.515957	0.392971	0.694341	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
	1.25731	0.686444	2.256212	0.304246	0.76094	NA
RPL29P11	2.77536	0.611145	1.24288	0.491717	0.622919	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TSSC1-IT1	2.156045	0.295738	1.51456	0.195263	0.845187	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA

VPS26BP1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	8.440534	0.065924	0.702225	0.093879	0.925205	NA
	4.077027	-0.70736	1.016579	-0.69583	0.486537	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	4.492008	-1.23723	1.020162	-1.21278	0.225215	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
LARGE-AS1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
UBE2D3P1	2.964631	-0.01655	1.235813	-0.01339	0.989317	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
RPL18AP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.604258	1.087325	2.707696	0.401568	0.688002	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	3.985335	0.039176	1.093674	0.035821	0.971425	NA
	4.461695	0.466163	0.947645	0.491918	0.622777	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ARL2BPP1C	2.292212	0.216442	1.666511	0.129877	0.896663	NA
TRAPPC12-	12.77156	-0.74681	0.679062	-1.09977	0.271433	NA
RPS2P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RPL8P2	0.684273	2.627785	2.896325	0.907282	0.364257	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	5.189175	-0.10831	0.869303	-0.1246	0.900842	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	3.217856	1.197227	1.206904	0.991982	0.321206	NA
RPF2P1	1.331206	0.831477	1.740564	0.477705	0.63286	NA
	48.8941	-0.09679	0.337803	-0.28654	0.774468	0.860453
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	5.185079	-0.49664	0.877128	-0.56621	0.571252	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.804566	0.545894	2.033578	0.26844	0.78836	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
BOLA3-AS1	228.9678	-0.2367	0.187426	-1.26292	0.206617	0.363668
RAB6C-AS1	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RFPL1S	4.707867	-0.46749	0.991037	-0.47172	0.637126	NA
	4.192641	-0.05789	1.025018	-0.05648	0.954961	NA
	0.803131	-0.76693	2.349822	-0.32638	0.744138	NA
C3orf83	4.348746	0.615662	0.978036	0.629488	0.529029	NA
	0.752028	2.752519	2.876634	0.956854	0.338641	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
UBE2D3P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	5.742115	0.093431	0.968974	0.096422	0.923185	NA

	1.027741	-0.65078	2.331852	-0.27908	0.780182	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	5.139995	0.426608	0.939713	0.453977	0.649846	NA
HNRNPA1P	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
SLC26A6	501.9946	0.137948	0.158127	0.872386	0.382998	0.548893
FGD5-AS1	3250.513	0.123095	0.14097	0.873203	0.382552	0.548652
PLAC4	4.316897	1.060859	0.993355	1.067956	0.28554	NA
SIRPAP1	156.2177	-0.57205	0.249144	-2.29607	0.021672	0.080037
MIAT	3.209952	1.52726	1.226588	1.245129	0.213084	NA
LSM3P3	0.411855	0.250456	3.097618	0.080854	0.935558	NA
DNAJC19P5	1.225869	-0.07951	1.838357	-0.04325	0.965503	NA
MKRN7P	1.908212	2.160586	1.550034	1.393896	0.163349	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	4.191367	-0.03314	1.062858	-0.03118	0.975127	NA
HSPE1P13	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NTF4	1.063143	1.12382	1.855095	0.605802	0.544646	NA
SATB2-AS1	0.708567	-0.60605	2.553496	-0.23734	0.812392	NA
	5.652336	0.278619	1.069802	0.260439	0.794525	NA
	0.641986	1.117767	2.709494	0.412537	0.679946	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HAR1A	1.293421	0.777973	1.840346	0.422732	0.672491	NA
PRICKLE2-A	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
PPIAP21	8.10848	0.062185	0.716326	0.08681	0.930822	NA
MEMO1P1	8.248039	0.282944	0.704068	0.40187	0.687779	NA
PRSS44	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	1.101221	-0.557	1.814706	-0.30694	0.758892	NA
UQCRFS1P1	39.9702	-0.40685	0.351645	-1.15698	0.247281	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
AHCTF1P1	6.043371	0.949469	0.840244	1.129992	0.25848	NA
FTCDNL1	3.942407	0.807763	1.070238	0.754751	0.450399	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
RPLP0P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
RPL37AP1	8.006967	-0.27846	0.879441	-0.31663	0.751525	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
GRM7-AS3	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	12.30302	0.170611	0.611627	0.278946	0.780286	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.199003	-0.22526	1.838234	-0.12254	0.902472	NA
ARPC3P1	1.224085	0.637824	2.020305	0.315707	0.752225	NA
TMEM191A	30.48928	0.61656	0.420572	1.466004	0.142647	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
CFLAR-AS1	0.563552	-0.48645	2.808029	-0.17324	0.862465	NA
	118.3259	-0.18456	0.28171	-0.65516	0.512366	0.659798
	5.5215	0.458027	0.868923	0.52712	0.598111	NA

	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
RPL10AP6	14.37375	0.703941	0.54286	1.296725	0.194726	NA	
	8.622137	-0.02553	0.68459	-0.03729	0.970254	NA	
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA	
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	
	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA	
HMGN2P7	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
PLCL2-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
CYP2D8P	0.776322	-0.40209	2.222574	-0.18091	0.856435	NA	
	8.318872	0.457008	0.720059	0.63468	0.525637	NA	
	3.433716	0.237336	1.194573	0.198678	0.842514	NA	
TMEM185E	499.0433	-0.32769	0.154742	-2.11767	0.034203	0.108214	
FTOP1	0.35636	1.709252	3.651833	0.468053	0.639746	NA	
LINC00323	2.645372	0.890839	1.237315	0.719977	0.471539	NA	
USF1P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	2.364672	0.192374	1.260595	0.152606	0.878709	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
FAM138B	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.81145	-0.46945	2.476203	-0.18958	0.849635	NA	
MYL6P1	1.053979	-3.69847	2.572645	-1.43761	0.150544	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
FTH1P20	8.753558	-0.29529	0.700183	-0.42174	0.673218	NA	
FTLP3	47.47783	-0.12304	0.318587	-0.38621	0.699341	0.806443	
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
UBE2V1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.878848	-0.97535	2.435542	-0.40046	0.688814	NA	
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA	
HSPA9P1	1.827206	0.036111	1.461036	0.024716	0.980282	NA	
TEX41	935.2692	0.510794	0.226208	2.258077	0.023941	0.085415	
LENG8-AS1	10.42249	-0.71959	0.639368	-1.12547	0.260389	NA	
	0.420954	1.923376	3.462803	0.555439	0.578594	NA	
	2.4883	0.333004	1.333482	0.249725	0.8028	NA	
	0.288605	1.443619	4.029058	0.358302	0.720117	NA	
	1.762555	-0.28036	1.575099	-0.17799	0.858728	NA	
	1.437298	-0.55785	1.673581	-0.33333	0.738887	NA	
MEIS1-AS3	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA	
	3.510176	0.321416	1.114129	0.288491	0.772971	NA	
EEF1GP3	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
	4.87421	0.545155	0.95358	0.571693	0.56753	NA	
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
GSTM3P2	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA	
BSN-AS2	0.689366	-1.56115	2.700123	-0.57818	0.563145	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RPS14P4	0.096202	0.408546	4.079639	0.100143	0.920231	NA	

GTF2IP2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NRBF2P2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LINC00161	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RPS4XP2	2.095707	-2.44478	1.780965	-1.37273	0.169836	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SLC8A1-AS1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ITGB2-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL41P1	0.936915	0.819377	2.189457	0.374237	0.708228	NA
	1.855835	-0.4368	1.475879	-0.29596	0.767264	NA
LMCD1-AS1	11.86244	-0.60902	0.637065	-0.95597	0.339086	NA
RPL12P44	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
MIR663A	311.2959	0.169004	0.244691	0.690682	0.489765	0.642357
	2.381447	-1.21496	1.279327	-0.94968	0.342273	NA
TTC39DP	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	11.29417	-0.27977	0.638946	-0.43787	0.661482	NA
MIS18A-AS	1.303954	2.434324	1.945662	1.251154	0.210878	NA
	9.93106	-0.1217	0.688689	-0.17672	0.85973	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.651288	1.289307	2.633717	0.489539	0.62446	NA
THRAP3P1	0.730312	-0.54604	2.950954	-0.18504	0.853199	NA
HNRNPKP2	9.477839	-0.48798	0.687723	-0.70956	0.477979	NA
	72.50654	0.056783	0.273846	0.207355	0.835733	0.901643
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.586491	2.39072	2.689057	0.889055	0.373973	NA
PPIAP2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
KIF9-AS1	5.707539	-0.35604	0.866648	-0.41083	0.681199	NA
RNF6P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00310	47.43115	0.763325	0.42832	1.782138	0.074727	0.182431
	0.628146	-0.21495	3.102079	-0.06929	0.944756	NA
STK4-AS1	5.495189	-0.19269	0.835002	-0.23076	0.8175	NA
CCDC148-A	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PABPC1P6	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	10.30609	-0.18157	0.650374	-0.27918	0.78011	NA
CERS6-AS1	0.588072	2.39955	3.098804	0.774347	0.438726	NA
	2.596586	0.117223	1.189184	0.098574	0.921476	NA
ATP5A1P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA

HNRNPA3P	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
MED28P3	0.998346	1.943196	2.103833	0.923646	0.355671	NA	
GSTM3P1	1.312825	0.283311	1.873516	0.151219	0.879803	NA	
	0.876044	-0.28385	2.43892	-0.11638	0.907348	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
RPL7P12	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	13.03138	0.082942	0.601853	0.13781	0.89039	NA	
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
PSMA2P3	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
SNAP25-AS	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA	
	47.49639	-0.24934	0.357704	-0.69705	0.485772	0.639244	
	9.987987	0.167888	0.680069	0.246868	0.80501	NA	
	1.042804	-0.41495	2.072413	-0.20022	0.841305	NA	
	57.27763	0.60381	0.309837	1.948802	0.051319	0.140999	
	6.850557	-0.3093	0.874937	-0.35351	0.723703	NA	
	2.121931	0.362628	1.420635	0.255258	0.798524	NA	
	0.49187	2.136088	3.895953	0.548284	0.583497	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	1.84895	0.046134	1.458861	0.031623	0.974772	NA	
RPL3P1	0.831817	-1.27234	2.201546	-0.57793	0.563311	NA	
RNF144A-A	105.7804	-0.14657	0.257519	-0.56916	0.569251	0.705805	
LINC00693	10.22333	0.773024	0.827119	0.934599	0.349995	NA	
	6.71462	-0.17143	0.79799	-0.21483	0.8299	NA	
	2.032161	-0.37398	1.522723	-0.2456	0.805993	NA	
	0.757324	-2.08271	2.587512	-0.80491	0.420873	NA	
	20.90864	0.31253	0.465055	0.672028	0.501566	NA	
	32.12106	-0.11303	0.381032	-0.29665	0.766735	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	11.0559	0.098936	0.597953	0.165457	0.868584	NA	
CYP4F29P	0.324752	1.53082	4.022025	0.380609	0.703493	NA	
GUSBP11	145.6132	0.132563	0.210355	0.630186	0.528573	0.673809	
	0.672013	1.253691	2.607776	0.480751	0.630693	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	19.5318	-0.04042	0.467716	-0.08641	0.931139	NA	
RPS26P4	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	1.811165	-0.16997	1.434073	-0.11852	0.905655	NA	
	1.846927	0.935885	1.55051	0.603599	0.546111	NA	
	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA	
	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA	
	2.766621	0.250459	1.548165	0.161778	0.871481	NA	
	3.251984	-0.44676	1.083476	-0.41234	0.68009	NA	
LINC00687	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
	0.654246	2.541085	3.009764	0.84428	0.398513	NA	
OST4	2938.589	0.139734	0.1377	1.014772	0.310215	0.47761	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	

LINC01125	12.88229	1.098667	0.66195	1.659744	0.096966	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TMSB10P1	2.623838	-0.52493	1.185717	-0.44271	0.657977	NA
DAP3P2	0.996766	1.94108	2.070839	0.93734	0.348584	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNRPGP9	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	8.48495	1.920008	0.823733	2.330861	0.019761	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FCF1P2	57.7607	-0.01499	0.329184	-0.04555	0.963673	0.980209
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PSMD10P1	0.738188	1.39874	2.317793	0.603479	0.54619	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TTC3-AS1	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
LINC00659	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	2.189327	0.530062	1.457209	0.363751	0.716044	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00954	1.216209	-0.8802	2.00349	-0.43933	0.66042	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.47961	0.535796	3.39605	0.15777	0.874638	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
BACH1-IT2	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	2.658727	-0.29798	1.26623	-0.23533	0.813956	NA
	5.707846	-0.37555	0.855721	-0.43887	0.660757	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	4.32507	1.260866	1.019325	1.236962	0.216101	NA
	1.593148	0.697664	1.591488	0.438372	0.661117	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
UBTFL6	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	45.4099	-0.0855	0.317983	-0.2689	0.788009	NA
MTND1P9	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
SEPT7P8	0.163957	0.424913	4.079006	0.104171	0.917034	NA
EXOSC3P1	4.524146	0.713389	0.92907	0.767853	0.442574	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ABHD17AP	0.689366	-1.56115	2.700123	-0.57818	0.563145	NA
AGBL5-IT1	1.760763	-1.59021	1.646198	-0.96599	0.33405	NA
	1.972806	2.209214	1.577792	1.400193	0.161455	NA
CRYGEP	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	75.96791	0.2702	0.354128	0.763001	0.445463	0.605337
HNRNPA1P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
KRT18P4	1.580685	0.588029	1.561672	0.376538	0.706517	NA
FEM1AP1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.025598	0.201544	2.083681	0.096725	0.922945	NA

	1.327411	-0.52458	1.752811	-0.29928	0.764727	NA
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LRRC3-AS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PPP1R2P5	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.774539	0.39797	2.296349	0.173305	0.862411	NA
SPINK8	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.504503	-0.13836	0.85256	-0.16229	0.871075	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.787637	0.238177	1.584929	0.150276	0.880547	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	8.109571	-0.48913	0.71427	-0.6848	0.493469	NA
ACVR2B-AS	23.84064	-1.25047	0.49544	-2.52395	0.011604	NA
SUCLA2P3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PRDX3P1	1.562036	-1.53353	1.708649	-0.89751	0.369445	NA
	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PKP4P1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	87.14688	0.524694	0.260797	2.011889	0.044232	0.128238
SOS1-IT1	5.150291	0.429044	1.032528	0.415527	0.677756	NA
	3.978408	-1.16153	1.01341	-1.14616	0.251731	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
DYNLT3P2	0.258578	1.233151	4.047809	0.304646	0.760635	NA
MRPS18AP	0.719043	1.433043	2.335048	0.61371	0.539407	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPS15P5	9.887331	-0.61215	0.673726	-0.9086	0.363559	NA
DDX50P1	2.642889	-0.80496	1.30695	-0.61591	0.537953	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.484097	1.734562	1.70674	1.016301	0.309486	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
STEAP3-AS	1.784263	-0.32213	1.625942	-0.19812	0.84295	NA
OGFR-AS1	6.277041	0.301388	0.789029	0.381973	0.702481	NA
IMMTP1	6.680847	-0.83044	0.800471	-1.03745	0.299528	NA
	31.9107	-0.59986	0.499315	-1.20137	0.229608	NA
	0.67854	-0.89371	2.366391	-0.37767	0.705677	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.574231	0.93227	2.49998	0.372911	0.709215	NA
	3.643155	1.563256	1.224453	1.276698	0.201709	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ALMS1-IT1	4.763536	-0.26761	0.914365	-0.29267	0.769775	NA
ANKRD36B	0.260158	1.240347	4.047124	0.306476	0.759242	NA

	0.163957	0.424913	4.079006	0.104171	0.917034	NA
UBBP1	0.884581	1.788183	2.221027	0.805115	0.420753	NA
BIRC6-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
HSPD1P6	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
RPL4P6	4.622694	-0.78594	0.981179	-0.80102	0.423122	NA
	11.91069	-0.41809	0.616044	-0.67867	0.49735	NA
PRRT3-AS1	29.30106	8.14E-04	0.417927	0.001948	0.998445	NA
	6.361296	1.255933	0.883915	1.420875	0.155353	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.551852	1.796216	1.661946	1.080791	0.27979	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	3.327044	-0.39903	1.120445	-0.35614	0.721737	NA
PHBP4	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.444184	-0.03491	1.072795	-0.03255	0.974037	NA
FANCD2P2	4.491468	-1.09294	1.056511	-1.03449	0.300909	NA
DSCR9	2.274552	0.43835	1.406043	0.311761	0.755222	NA
	1.022583	-1.06903	2.182302	-0.48986	0.62423	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TCEA1P2	3.258847	0.008462	1.165955	0.007258	0.994209	NA
	3.302568	0.735889	1.224447	0.600997	0.547842	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.6908	0.277604	2.346083	0.118327	0.905809	NA
	7.449344	0.098624	0.762663	0.129315	0.897108	NA
PPP5D1	5.739033	-0.51187	0.848038	-0.6036	0.546111	NA
THAP7-AS1	60.12073	0.057232	0.293722	0.194852	0.845509	0.908091
COL6A4P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LIMD1-AS1	0.288605	1.443619	4.029058	0.358302	0.720117	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
FAM133DP	0.488912	0.771583	2.897678	0.266276	0.790026	NA
SF3A3P1	0.659753	-0.00581	2.629089	-0.00221	0.998237	NA
	1.849097	-0.59873	1.451994	-0.41235	0.680083	NA
	1.195493	1.307783	1.879298	0.695889	0.486498	NA
HMGB1P27	1.216218	1.276946	1.967625	0.648978	0.516352	NA
HM13-AS1	2.309977	0.223757	1.504738	0.148701	0.881789	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KLF2P2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DDTP1	0.596179	-0.09275	3.146759	-0.02948	0.976485	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FBXW4P1	4.536727	-0.14121	0.993339	-0.14215	0.88696	NA
	0.612162	-0.19706	2.47693	-0.07956	0.936588	NA
	0.739585	2.778432	2.852922	0.97389	0.330111	NA

	0.979202	1.972754	2.08204	0.94751	0.343379	NA
	17.73676	0.244374	0.571507	0.427597	0.668945	NA
MEIS1-AS2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SDAD1P2	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RHOQP3	7.15226	-0.22837	0.758403	-0.30111	0.763327	NA
NFU1P1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
SNAP23P	0.71919	0.510978	2.728734	0.187258	0.851458	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
VN1R108P	2.095471	-0.34436	1.392102	-0.24737	0.804624	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.529059	-0.23872	1.67839	-0.14223	0.886895	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.4986	-1.64638	3.317584	-0.49626	0.619712	NA
	17.40025	0.938215	0.647881	1.44813	0.147581	NA
RPL31P2	0.588072	2.39955	3.098804	0.774347	0.438726	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
FBXW11P1	1.061709	0.25203	2.095453	0.120275	0.904266	NA
	0.918331	0.764804	2.118268	0.361052	0.718061	NA
	8.883173	0.269725	0.719775	0.374735	0.707857	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.954682	0.055803	2.069758	0.026961	0.978491	NA
	0.574231	0.93227	2.49998	0.372911	0.709215	NA
SNX18P13	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	8.903579	-0.3201	0.763521	-0.41924	0.675039	NA
DSTNP1	12.12045	0.847303	0.709864	1.193613	0.232629	NA
FAM201B	1.139363	0.418105	2.214864	0.188772	0.850271	NA
RPL12P15	0.888304	0.641829	2.171212	0.295609	0.767529	NA
	2.586163	2.662875	1.487078	1.790676	0.073345	NA
	2.002833	2.249182	1.55051	1.450608	0.146889	NA
	13.73635	-0.34064	0.543857	-0.62634	0.531091	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.774742	-0.40577	2.223483	-0.18249	0.855195	NA
TSSK1A	0.628146	-0.21495	3.102079	-0.06929	0.944756	NA
	2.348513	1.894099	1.407134	1.346068	0.17828	NA
	2.688201	0.798118	1.352306	0.590191	0.555063	NA
HAR1B	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
TCF7L1-IT1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ARHGAP42	1.091976	-0.2898	1.942755	-0.14917	0.881418	NA
PTP4A1P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
LINC00852	2.186312	0.02037	1.320744	0.015423	0.987694	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.508056	0.731032	2.861912	0.255435	0.798387	NA

KRT8P10	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.735027	1.3952	2.594798	0.537691	0.59079	NA
ITPR1-AS1	3.906273	1.677951	1.102371	1.522129	0.127977	NA
	118.2131	0.141354	0.269963	0.523604	0.600554	0.729987
APCDD1L-A	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
EZH2P1	0.746498	-1.433	2.535747	-0.56512	0.571994	NA
RPL36P2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPS3P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	289.0244	0.168332	0.214734	0.783909	0.433093	0.59425
	9.03475	0.154378	0.793313	0.194599	0.845707	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	3.196314	0.906285	1.181678	0.766947	0.443113	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
TIMM8AP1	9.005095	-0.13812	0.662554	-0.20846	0.834868	NA
	0.70851	-1.62753	2.686091	-0.60591	0.544574	NA
	1.813308	-0.73304	1.579784	-0.46401	0.642639	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPL3P5	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PTCHD3P2	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
IGBP1P3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAHD2CP	33.56403	-0.6317	0.42282	-1.49402	0.135171	NA
	6.187946	0.677285	0.972292	0.696586	0.486062	NA
AGBL5-AS1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
DIRC3	3.154651	0.681991	1.175834	0.580006	0.56191	NA
LINC01090	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00899	4.059617	-0.33783	0.991674	-0.34067	0.733355	NA
COX6CP2	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
	1.157561	2.190278	2.039086	1.074147	0.282757	NA
GAPDHP59	0.591998	-0.2499	3.117006	-0.08017	0.936101	NA
	2.768622	0.601503	1.17228	0.513105	0.607878	NA
	1.962622	-0.06096	1.552879	-0.03925	0.968688	NA
	1.876605	2.119198	1.61187	1.314744	0.188596	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.907091	-0.03396	2.426081	-0.014	0.988832	NA
	1.361161	-1.04569	2.138753	-0.48893	0.624893	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NDUFB1P1	1.291491	2.354367	2.238911	1.051568	0.292998	NA
	7.333295	-0.72463	0.770579	-0.94038	0.347024	NA
	3.91202	0.832749	1.067824	0.779856	0.435476	NA

	0.422534	1.924583	3.001758	0.641152	0.521424	NA
GAPDHP37	0.642189	0.046766	2.378271	0.019664	0.984311	NA
IDH1-AS1	15.86006	-0.49752	0.561945	-0.88536	0.375962	NA
HS1BP3-IT1	1.284176	0.715001	1.74187	0.410479	0.681455	NA
	40.92999	0.094952	0.367051	0.258688	0.795876	NA
	5.453477	0.047336	0.851564	0.055588	0.95567	NA
	1.091618	-0.82092	2.284043	-0.35941	0.719285	NA
	2.040212	-1.79536	1.632227	-1.09995	0.271356	NA
	3.448889	-0.0326	1.060385	-0.03074	0.975473	NA
	0.888304	0.641829	2.171212	0.295609	0.767529	NA
	1.295261	0.315793	1.914152	0.164978	0.868961	NA
	217.3076	-0.32311	0.18551	-1.74174	0.081553	0.193828
TMA7	466.5285	0.333828	0.173528	1.923774	0.054383	0.146816
BACH1-AS1	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
IMPDH1P1(	0.937264	-1.23834	2.063944	-0.59999	0.548514	NA
DUXAP7	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	1.636529	-1.07836	1.58333	-0.68107	0.495829	NA
	0.638825	1.117948	3.106359	0.35989	0.718929	NA
BTF3L4P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	8.77332	-0.24681	0.701907	-0.35162	0.72512	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
RPS27AP2	1.175714	-0.20823	1.812447	-0.11489	0.908534	NA
	6.692833	0.31336	0.839039	0.373474	0.708795	NA
SEMA3B-AS	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
VIPR1-AS1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.033466	-0.7302	1.946441	-0.37515	0.707552	NA
LINC00493	725.6341	0.292324	0.174337	1.676776	0.093586	0.213567
	62.86003	0.447927	0.343226	1.305048	0.191876	0.346488
RPL31P15	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL18AP7	3.244522	-0.53296	1.192784	-0.44682	0.655005	NA
	64.96735	0.081611	0.290534	0.280899	0.778788	0.864226
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
LARS2-AS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
NCKAP5-IT1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	4.514722	-0.08652	1.042883	-0.08297	0.933878	NA
	5.601593	-0.22332	0.869725	-0.25677	0.797355	NA
RPL12P11	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	16.67423	-0.53355	0.499552	-1.06807	0.28549	NA
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
	1.434698	-0.57873	2.005846	-0.28852	0.772949	NA
	5.685357	-0.4785	0.892355	-0.53622	0.591807	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.653015	0.2552	2.787103	0.091565	0.927044	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA	
	0.47803	0.520083	2.97881	0.174594	0.861399	NA	
	5.629925	-0.29338	0.932903	-0.31448	0.75316	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RPL12P9	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.476449	0.524262	3.402674	0.154073	0.877552	NA	
	1.206668	-0.63372	2.320936	-0.27305	0.784818	NA	
	1.336859	-1.35856	1.768035	-0.7684	0.442247	NA	
TRIM51JP	0.914607	1.879338	2.377229	0.790558	0.429202	NA	
	0.422534	1.924583	3.001758	0.641152	0.521424	NA	
RHOQP2	12.52566	0.097749	0.609141	0.16047	0.872511	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
MRPL51P2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.354779	1.703954	3.657232	0.465914	0.641277	NA	
	517.4764	-1.30641	0.297704	-4.38828	1.14E-05	6.61E-04	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
PET117	13.84906	0.388333	0.589686	0.658542	0.51019	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
SEC1P	0.422534	1.924583	3.001758	0.641152	0.521424	NA	
CYCSP10	1.891889	-0.87458	1.795209	-0.48717	0.626136	NA	
	1.522524	-0.95549	1.738521	-0.5496	0.582592	NA	
	3.816111	0.206557	1.080563	0.191157	0.848403	NA	
LINC00342	10.00121	1.331456	0.982283	1.355471	0.175267	NA	
HSPA8P18	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
	0.411855	0.250456	3.097618	0.080854	0.935558	NA	
POLHP1	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
CYP1B1-AS	13.30331	-0.30234	0.569979	-0.53045	0.595801	NA	
	0.288605	1.443619	4.029058	0.358302	0.720117	NA	
RPEP4	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
	2.300317	-0.13427	1.404442	-0.0956	0.923835	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
ERVH48-1	0.458885	0.577525	3.449278	0.167433	0.867029	NA	
	0.326333	1.533889	3.826878	0.40082	0.688553	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	3.218494	-0.25215	1.171048	-0.21532	0.829521	NA	
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
BPIFB5P	0.326333	1.533889	3.826878	0.40082	0.688553	NA	
HMGA1P8	2.007146	0.22136	1.429046	0.1549	0.8769	NA	
RPS24P6	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA	
	34.13883	0.37753	0.399981	0.94387	0.345236	NA	
	3.476037	1.481057	1.146155	1.292196	0.196289	NA	
	0.424115	1.932531	3.45462	0.559405	0.575885	NA	
HMGB1P31	0.969717	3.152914	2.250337	1.401085	0.161189	NA	

	0.192403	0.975392	4.060716	0.240202	0.810174	NA
GPX1	14091.8	-0.16434	0.138303	-1.18828	0.234723	0.397463
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
EIF4A1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
EEF1A1P34	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ERP29P1	1.117204	-0.62358	2.074777	-0.30055	0.763757	NA
LINC00028	1.11032	0.442168	2.116951	0.20887	0.83455	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
	0.518939	0.925178	3.271397	0.282808	0.777324	NA
	550.0178	0.284332	0.21144	1.344742	0.178709	0.33126
	0.996766	1.94108	2.070839	0.93734	0.348584	NA
EIF3FP3	19.66005	-0.13418	0.455481	-0.29458	0.768314	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.558248	0.982076	2.804738	0.350149	0.726227	NA
KRT18P62	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TMEM238	23.63094	0.546422	0.524391	1.042013	0.297406	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ZNF197-AS	1.678227	1.465617	1.653772	0.886227	0.375495	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
EIF3KP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.602678	1.083611	2.70938	0.399948	0.689195	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
BTF3P5	1.782573	0.375106	1.545899	0.242646	0.80828	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
TWIST2	5.927287	0.193859	1.090318	0.177801	0.85888	NA
	3.548251	0.038109	1.203409	0.031668	0.974737	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ANAPC1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FDPSP6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.268009	1.569749	1.956286	0.802413	0.422314	NA
EIF4EBP2P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC01122	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
H2AFZP6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
RPL36AP13	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	19.33636	0.579799	0.493095	1.175836	0.23966	NA
	75.30911	0.119225	0.356678	0.334265	0.738179	0.834314
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.926585	-2.43791	2.203722	-1.10627	0.268609	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
DPH3P1	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.651435	0.249629	2.788679	0.089515	0.928672	NA
	18.68268	0.088396	0.465948	0.189713	0.849534	NA

	0.850576	0.626886	2.42682	0.258316	0.796163	NA
	0.938698	0.081169	1.915817	0.042368	0.966205	NA
	5.185868	0.109678	0.884501	0.124	0.901316	NA
	4.915751	0.038728	0.933992	0.041465	0.966925	NA
	1.392637	1.61	1.744172	0.923074	0.355969	NA
	0.670433	1.255281	2.356401	0.532711	0.594234	NA
BTF3P6	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RPS20P10	1.282595	0.709442	1.711365	0.414547	0.678473	NA
	1.982423	-0.27454	1.675555	-0.16385	0.869848	NA
RPL5P34	1.359799	0.16786	1.649101	0.101789	0.918924	NA
	0.888653	-1.5355	2.47141	-0.62131	0.534398	NA
	8.94174	0.343128	0.694063	0.494376	0.621041	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MTND4P26	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	38.30433	0.086831	0.373756	0.23232	0.81629	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RPEP2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNASEH1-A	163.7588	0.096952	0.212647	0.455928	0.648442	0.766581
	0.696104	-0.93034	2.354268	-0.39517	0.692715	NA
	0.834592	0.684312	2.202411	0.31071	0.756021	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	14.77633	0.058985	0.553404	0.106585	0.915118	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
RPL7P13	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
RPL30P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.239638	0.887786	1.412205	0.628652	0.529577	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.641702	0.656084	1.865072	0.351774	0.725008	NA
	1.625115	0.641078	1.584788	0.40452	0.68583	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	6.035329	0.80957	0.908118	0.891481	0.372671	NA
	15.05183	0.434391	0.584899	0.742676	0.457678	NA
	19.05216	0.038307	0.609621	0.062838	0.949896	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	35.01526	0.256331	0.364326	0.703575	0.481698	NA
	1.954011	1.124182	1.723765	0.652167	0.514294	NA
HNRNPA1P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.041581	0.164062	2.078273	0.078942	0.937079	NA
TPMTP2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNRK-AS1	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.736607	1.395844	2.318642	0.602009	0.547168	NA

EIF3FP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
YWHAEP5	1.332786	0.833291	1.740529	0.478757	0.632111	NA
	1.329828	0.312177	1.851641	0.168595	0.866115	NA
CHL1-AS1	1.847727	0.402595	1.539106	0.261577	0.793647	NA
	0.452561	2.061505	3.349456	0.615474	0.538241	NA
SDCBP2-AS	42.3512	0.170994	0.410354	0.4167	0.676898	NA
	0.575812	0.936922	2.776634	0.337431	0.735792	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.385121	0.296115	1.904095	0.155515	0.876416	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	1.195842	-0.23035	1.838794	-0.12527	0.900307	NA
	0.599903	-1.73313	2.730982	-0.63462	0.525678	NA
	1.575098	-2.07544	1.826684	-1.13618	0.255882	NA
LINC00163	0.788582	0.608095	2.456267	0.247569	0.804468	NA
MIR155HG	20.06643	0.968682	0.514825	1.881576	0.059894	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.586491	2.39072	2.689057	0.889055	0.373973	NA
CDC42P1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	1.380369	-0.94489	1.897497	-0.49796	0.618509	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
SDHCP3	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	49.91606	-0.12513	0.378217	-0.33085	0.740757	0.836509
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
COX20P2	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	9.048576	0.193613	0.684438	0.282878	0.77727	NA
DPP10-AS1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
C19orf81	2.952706	0.782588	1.219776	0.641583	0.521144	NA
	1.332786	0.833291	1.740529	0.478757	0.632111	NA
PPIAP3	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
BCRP5	0.258578	1.233151	4.047809	0.304646	0.760635	NA
SLC25A5P2	1.59186	-0.82019	1.702621	-0.48172	0.630002	NA
RPL24P2	39.55892	0.232918	0.390705	0.596147	0.551077	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.30445	-0.21678	2.036318	-0.10646	0.915221	NA
	10.68623	-0.29543	0.750086	-0.39387	0.69368	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	12.00435	0.36313	0.637981	0.569186	0.56923	NA
	1.061709	0.25203	2.095453	0.120275	0.904266	NA
	3.114558	-3.13293	1.644033	-1.90564	0.056697	NA
FABP7P2	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.186394	0.520608	1.795836	0.289897	0.771895	NA

NUCB1-AS1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	13.49138	-0.15158	0.617584	-0.24544	0.806114	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
FAM83C-AS	0.35636	1.709252	3.651833	0.468053	0.639746	NA
TSPY26P	62.06467	-0.50052	0.289178	-1.73082	0.083483	0.196836
	3.705537	0.678072	1.026525	0.660551	0.5089	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	0.911649	0.958357	2.37748	0.403098	0.686876	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	66.1522	-0.23422	0.272279	-0.86023	0.389661	0.555087
HM13-IT1	8.356237	0.201677	0.901843	0.223628	0.823047	NA
	2.856113	-0.61814	1.220246	-0.50657	0.612456	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.662557	-0.83483	2.671964	-0.31244	0.754706	NA
RPL36AP15	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
SSR4P1	25.23863	-0.17256	0.531422	-0.32471	0.745401	NA
	3.119339	-0.51944	1.192618	-0.43555	0.663163	NA
	1.759044	0.775977	1.554492	0.499184	0.61765	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.705792	-3.31105	2.811825	-1.17754	0.238978	NA
	5.312242	-0.01676	0.842213	-0.0199	0.984122	NA
RPS2P7	2.816038	-0.01639	1.153967	-0.0142	0.988669	NA
	7.636515	0.132198	0.896914	0.147393	0.882822	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
FTLP1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
AGAP1-IT1	2.761591	1.35653	1.286842	1.054155	0.291812	NA
NFAM1	1.977119	0.154188	1.45511	0.105963	0.915612	NA
	2.751444	-0.06133	1.204921	-0.0509	0.959408	NA
GNAS-AS1	31.39835	-0.49931	0.381159	-1.30997	0.190206	NA
LINC01102	5.022415	-0.06489	0.91709	-0.07075	0.943594	NA
	47.1564	0.88404	0.33908	2.607175	0.009129	0.044457
	1.551649	2.656399	1.922175	1.381975	0.166979	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
H3F3AP4	66.21314	-0.07702	0.292269	-0.26354	0.792134	0.874127
RPL21P40	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.379817	1.008459	2.131447	0.473134	0.636118	NA
PA2G4P2	0.680121	-0.88898	2.365123	-0.37587	0.707013	NA
PCBP2P1	1.329975	-0.56057	1.737247	-0.32268	0.746938	NA

	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.574231	0.93227	2.49998	0.372911	0.709215	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HMGN1P3(	0.528424	-0.38142	2.853651	-0.13366	0.893671	NA
LINC00607	27.22122	1.34623	0.526608	2.556416	0.010576	NA
	2.623046	0.793201	1.284228	0.617648	0.536808	NA
	3.325233	0.66382	1.141487	0.58154	0.560877	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MYL6P2	1.120365	-0.61682	2.073914	-0.29742	0.766148	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
BHLHE40-A	1.923204	0.535803	1.417119	0.378093	0.705361	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LDHAP7	0.647493	-1.18339	3.051782	-0.38777	0.698186	NA
RMDN2-AS	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	1.101278	-0.11563	1.987513	-0.05818	0.953605	NA
	12.58292	0.145458	0.615421	0.236355	0.813157	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TSPEAR-AS	1.21937	-0.87362	2.002767	-0.43621	0.662686	NA
RBMS3-AS3	0.987309	0.267164	2.098144	0.127333	0.898677	NA
RHOA-IT1	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
MACROD2-	0.670433	1.255281	2.356401	0.532711	0.594234	NA
	1.971815	0.617709	1.421036	0.43469	0.663788	NA
TTC28-AS1	78.09734	0.240511	0.268003	0.897419	0.369495	0.536481
UBOX5-AS1	1.462885	-0.34575	1.712353	-0.20192	0.839981	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
MORC2-AS	63.65945	-0.32092	0.329189	-0.97489	0.329615	0.497782
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.986086	0.883356	2.062196	0.428357	0.668391	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	2.020921	-0.85308	1.414228	-0.60321	0.546366	NA
LDHAP3	1.017279	0.1458	2.180567	0.066863	0.946691	NA
HAUS6P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MRPS36P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PRADC1P1	15.7421	0.245259	0.598237	0.40997	0.681828	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	4.899599	-0.73086	0.89438	-0.81717	0.413829	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	19.31368	0.179235	0.479511	0.373787	0.708563	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.253121	-1.51159	1.920912	-0.78691	0.431334	NA
RPL5P9	1.647006	-0.01044	1.67675	-0.00623	0.995031	NA
DDX11L2	56.22829	0.188551	0.410277	0.45957	0.645825	0.764681

NRADDP	0.891457	-2.39215	2.460214	-0.97233	0.330884	NA
NDUFAF4P	1.913516	1.485373	1.634512	0.908756	0.363479	NA
	8.42455	0.071999	0.686549	0.104871	0.916478	NA
	45.20494	0.286456	0.331672	0.863674	0.387767	NA
	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
	0.452561	2.061505	3.349456	0.615474	0.538241	NA
	6.643885	1.128681	0.844801	1.336032	0.181539	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.651435	0.249629	2.788679	0.089515	0.928672	NA
LINC00896	0.755955	0.348448	2.512583	0.138681	0.889702	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	2.719451	0.566644	1.195923	0.473813	0.635633	NA
	4.257221	1.278572	1.052541	1.214748	0.224462	NA
ARF4P2	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.978999	3.124447	2.610028	1.197093	0.23127	NA
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
	107.2012	-0.51817	0.267245	-1.93894	0.052509	0.143068
MED28P7	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
YWHAQP5	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RAD23BP1	1.16883	0.552533	1.800196	0.306929	0.758897	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MED15P5	0.995185	1.939099	2.104716	0.921311	0.356888	NA
	1.975967	2.208389	1.54315	1.431091	0.152404	NA
	0.588072	2.39955	3.098804	0.774347	0.438726	NA
KRT18P5	2.788933	0.211304	1.204028	0.175497	0.860689	NA
	0.602678	1.083611	2.70938	0.399948	0.689195	NA
	6.764147	-0.24744	0.796185	-0.31078	0.755968	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.14213	-0.25238	2.265158	-0.11142	0.911283	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	2.639582	-0.29606	1.334442	-0.22186	0.82442	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
BCRP8	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GAPDHP2	1.024164	-1.06815	2.390105	-0.4469	0.654944	NA
BCYRN1	24.23991	-0.38606	0.75405	-0.51199	0.60866	NA
CBR3-AS1	10.0504	-0.20271	0.624806	-0.32443	0.745611	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.333745	2.083279	0.937185	2.222911	0.026222	NA
BMS1P20	253.8178	0.589193	0.198195	2.972802	0.002951	0.020911
NIFK-AS1	155.0911	0.171319	0.236584	0.724133	0.468984	0.62547
	2.128013	0.763944	1.355313	0.563666	0.572981	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA

	0.49029	2.123092	3.304282	0.642527	0.520531	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
GGT8P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ANKRD44-I	0.71919	0.510978	2.728734	0.187258	0.851458	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.473564	0.334948	1.696825	0.197397	0.843517	NA
	6.170349	0.863743	0.854953	1.010281	0.31236	NA
	8.917465	0.330692	0.791232	0.417946	0.675986	NA
	2.206302	1.802392	1.42796	1.262215	0.206872	NA
NDUFA6-AS	17.21984	-0.22584	0.507273	-0.44519	0.65618	NA
FUCA1P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.443839	-0.3711	0.793805	-0.46749	0.64015	NA
	0.624422	1.162588	2.733761	0.425271	0.670639	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
SNAI1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	11.49105	-0.20443	0.629132	-0.32494	0.745228	NA
SULT1C2P1	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
ZNF295-AS	19.76518	0.323167	0.632723	0.510756	0.609522	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC00851	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TTN-AS1	30.90531	0.515164	0.389331	1.323204	0.185768	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
HOXD-AS2	65.51509	0.068405	0.276494	0.247401	0.804598	0.883196
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NDUFA9P1	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.458885	0.577525	3.449278	0.167433	0.867029	NA
CECR7	61.96524	-0.05035	0.296073	-0.17006	0.864963	0.920317
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	76.03828	-0.32302	0.264314	-1.22212	0.221663	0.382116
SGOL1-AS1	1.754301	1.32931	1.726412	0.769984	0.441309	NA
DGCR5	16.12519	-0.69462	0.609473	-1.13971	0.254409	NA
NONOP2	2.346687	-0.18054	1.432587	-0.12603	0.899712	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	5.057403	0.13977	0.90946	0.153684	0.877859	NA
	1.765212	0.00666	1.543016	0.004316	0.996556	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
RPS15AP38	0.520316	2.239969	3.173769	0.705776	0.480328	NA
RPL30P4	2.407316	0.987739	1.458328	0.677309	0.49821	NA
LINC00312	4.483339	1.908502	1.168247	1.633646	0.102333	NA
	23.97804	-0.6964	0.476114	-1.46267	0.143558	NA
DCTN1-AS1	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA

	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LINC01143	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	27.73922	-0.15547	0.42151	-0.36885	0.712243	NA
BANF1P3	0.792452	-2.15617	2.562821	-0.84133	0.400166	NA
	1.212268	-1.34711	1.888238	-0.71342	0.475586	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00211	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.226015	-1.35692	2.261032	-0.60013	0.548416	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC00322	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	5.915641	0.373422	0.884913	0.421987	0.673035	NA
DGUOK-AS	13.70977	1.764828	0.593022	2.97599	0.00292	NA
KLF7-IT1	1.369312	1.561252	1.870566	0.834642	0.403919	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.624422	1.162588	2.733761	0.425271	0.670639	NA
LINC00649	11.71583	0.055946	0.842916	0.066372	0.947081	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
EIF4HP2	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
	0.589223	-3.04304	3.047314	-0.9986	0.317989	NA
	133.5602	-0.49577	0.243009	-2.04014	0.041337	0.123231
CNTN4-AS1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	20.31379	0.914537	0.476074	1.920997	0.054732	NA
ZEB2-AS1	3.815745	0.808612	1.096738	0.737288	0.460947	NA
SPATA3-AS	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	5.688496	-0.06809	0.950477	-0.07164	0.942887	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MLK7-AS1	0.877625	-0.2954	2.206963	-0.13385	0.893522	NA
	0.888304	0.641829	2.171212	0.295609	0.767529	NA
MLLT10P1	3.352338	0.427864	1.068489	0.400438	0.688834	NA
	0.841063	-2.08438	2.306687	-0.90362	0.366195	NA
	2.091516	1.692039	1.468596	1.152147	0.249261	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PAXBP1-AS	16.63012	-0.2834	0.523687	-0.54115	0.588401	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.761957	0.66749	1.166195	0.572366	0.567074	NA
SNORD11	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.778181	-0.69451	1.536305	-0.45206	0.651223	NA
	0.774742	-0.40577	2.223483	-0.18249	0.855195	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	1.380369	-0.94489	1.897497	-0.49796	0.618509	NA
SNORD125	4.265649	-0.40988	1.012666	-0.40475	0.685658	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GATSL3	7.149136	-0.22349	0.739466	-0.30224	0.762471	NA
	1.543159	0.16312	1.777685	0.09176	0.926889	NA
RNF103	388.4479	0.170036	0.165117	1.029789	0.303109	0.47046
	25.69351	-0.2142	0.493277	-0.43424	0.664117	NA
LINC01119	2.502739	0.330592	1.359654	0.243144	0.807894	NA
ASB14	2.927432	1.379921	1.384344	0.996805	0.318859	NA
	22.74158	-0.22067	0.441949	-0.49931	0.617558	NA
	13.21969	0.466233	0.585889	0.795771	0.426165	NA
KLHL41	15.6393	-0.17917	0.628251	-0.28519	0.7755	NA
	0.747876	-0.62091	2.562446	-0.24231	0.80854	NA
COX6CP14	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
C2orf61	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PSMD6-AS2	6.800283	0.882823	1.040615	0.848367	0.396234	NA
APOBEC3G	143.3544	-0.30136	0.225034	-1.33915	0.180521	0.333033
TLR9	0.411855	0.250456	3.097618	0.080854	0.935558	NA
WBP1	181.0821	-0.6535	0.208498	-3.13431	0.001723	0.014681
ITIH4-AS1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RNF7P1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RN7SL674P	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
ADSL	1678.077	-0.17097	0.127282	-1.34325	0.17919	0.331683
RPL39P36	0.192403	0.975392	4.060716	0.240202	0.810174	NA
PRDX3P4	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
LILRA2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL263P	0.490493	0.776209	2.895261	0.268096	0.788625	NA
ZNF542	182.0128	-0.1811	0.236867	-0.76458	0.444519	0.604471
GHRLOS	0.881623	0.857232	2.360567	0.363147	0.716495	NA
PPIL3	206.0792	0.54738	0.24751	2.21155	0.026998	0.092445
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL23AP7	765.6842	0.393054	0.186375	2.108935	0.03495	0.109816
	0.968522	0.920016	1.915592	0.480278	0.63103	NA
THOC7-AS1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	5.29181	-0.4684	0.883326	-0.53027	0.595927	NA
KRBOX1	41.32919	-0.11173	0.333632	-0.33489	0.737707	NA
	40.01202	0.092699	0.352443	0.26302	0.792535	NA
C21orf91-C	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
TMEM189	728.7637	-0.2303	0.142366	-1.6177	0.105728	0.231513
RDH14	371.1914	0.461355	0.168306	2.741168	0.006122	0.033867
MIF	10.4822	-0.61372	0.656739	-0.93449	0.350049	NA
TPM3P9	180.1897	0.230769	0.199464	1.156941	0.247297	0.410746

	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ADAMTS9-/	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	52.74827	0.608639	0.341058	1.784559	0.074333	0.182069
PDXP	176.7585	0.093895	0.208328	0.450707	0.6522	0.76995
CD302	255.7826	0.445204	0.242038	1.839397	0.065857	0.16736
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PTPRG-AS1	42.29009	-0.21002	0.379912	-0.55282	0.580384	NA
ARHGAP8	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PSMC1P1	7.807809	0.6223	0.757252	0.821787	0.411198	NA
	0.902145	1.753058	2.208187	0.79389	0.427259	NA
	5.404363	0.095891	0.877528	0.109274	0.912985	NA
ARPC4	3329.372	-0.2575	0.207501	-1.24096	0.214622	0.373586
ADAMTS9-/	8.530407	1.874196	0.788463	2.377025	0.017453	NA
RN7SL704P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
VWFP1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
ATP5O	1079.08	0.272592	0.167814	1.624366	0.104298	0.229312
PISD	772.8765	-0.10583	0.16505	-0.64119	0.521396	0.668146
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
RN7SL517P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PWP2	878.89	-0.35145	0.154508	-2.27466	0.022926	0.082895
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
C2orf15	12.3317	0.578652	0.629378	0.919404	0.357884	NA
PI4KA	4307.392	-0.5292	0.163364	-3.23938	0.001198	0.011696
	57.78529	0.236683	0.352583	0.671283	0.50204	0.65228
	7.826727	-1.66151	0.994502	-1.67069	0.094783	NA
RN7SL113P	1.061709	0.25203	2.095453	0.120275	0.904266	NA
MTFP1	103.0687	-0.04732	0.290497	-0.16289	0.870604	0.923107
TCP10L	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
ARFGAP3	656.0561	0.413425	0.174935	2.363309	0.018113	0.070587
C22orf39	350.5664	-0.01593	0.197904	-0.08047	0.935861	0.964049
	22.72505	-0.27239	0.490181	-0.55568	0.578427	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
EIF6	2014.101	-0.17979	0.169089	-1.06331	0.287642	0.453819
	1.195988	-1.61404	2.13645	-0.75548	0.449963	NA
DBIL5P2	0.440301	0.468383	3.449808	0.135771	0.892003	NA
RN7SL313P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GTF2A1L	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
NDUFB4P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
UGT1A10	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	7.009004	1.467877	0.8424	1.742495	0.081422	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL40P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL23AP81	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
ZNF702P	4.064526	1.677979	1.072401	1.564693	0.117655	NA
GLYCTK-AS	1.636529	-1.07836	1.58333	-0.68107	0.495829	NA
ALDOAP1	1.178075	0.574265	2.102875	0.273086	0.784787	NA

RN7SL812P	0.462046	0.589069	3.442439	0.17112	0.86413	NA
MRPL33	1218.943	0.38112	0.168592	2.260608	0.023784	0.085143
MICAL3	1689.506	-0.64216	0.189613	-3.3867	7.07E-04	0.008346
	4.674197	-0.03658	0.932897	-0.03922	0.968719	NA
STON1	274.2874	0.301837	0.271582	1.111399	0.266396	0.431321
	1.3816	0.438123	1.829949	0.239418	0.810781	NA
NAT6	184.6419	-0.15618	0.217721	-0.71733	0.473171	0.628861
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.180005	-1.57876	2.139972	-0.73775	0.460668	NA
IL10RB	600.7657	-0.17012	0.149548	-1.13757	0.255299	0.419503
RN7SL834P	1.6482	1.396964	1.664639	0.839199	0.401358	NA
WDR92	179.4606	0.167332	0.238089	0.702812	0.482173	0.636186
RPL37P23	5.371825	-0.24857	0.876211	-0.28369	0.776646	NA
	16.70474	-0.30186	0.602613	-0.50092	0.616426	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
APOBEC3D	121.0794	-0.69868	0.217852	-3.20712	0.001341	0.012544
RN7SL832P	1.034697	1.024735	1.902596	0.538598	0.590164	NA
	6.297002	0.435294	0.843849	0.515843	0.605964	NA
RN7SL610P	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
TUBA4B	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MRPS6	2349.492	0.530851	0.849858	0.624635	0.532211	0.676528
ZNF512	521.2398	0.01786	0.165222	0.108096	0.913919	0.9501
ACY1	21.26765	-0.46289	0.494946	-0.93523	0.34967	NA
NFS1	604.7382	-0.21414	0.148603	-1.44104	0.149573	0.293079
	0.897992	-1.0518	2.16635	-0.48552	0.627309	NA
FLNB-AS1	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ILF2P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DBNDD2	30.2084	0.229197	0.428478	0.534909	0.592712	NA
ECEL1P2	9.458062	0.111951	1.160171	0.096495	0.923127	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC00698	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL145P	0.411855	0.250456	3.097618	0.080854	0.935558	NA
RN7SL636P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RN7SL268P	1.399513	-0.94631	1.712153	-0.5527	0.580467	NA
RBM12	1270.692	-0.17832	0.246549	-0.72325	0.469528	0.625866
SCARF2	2421.743	-0.03707	0.239337	-0.15488	0.876914	0.926427
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
APOBEC3C	1872.343	-0.54804	0.124242	-4.41103	1.03E-05	6.34E-04
	9.055222	1.149442	0.700157	1.64169	0.100654	NA
	19.02703	0.388897	0.662083	0.587383	0.556946	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	58.85195	-0.10339	0.288992	-0.35775	0.720532	0.822207
WNT5A-AS	1.367914	0.791109	1.898548	0.416692	0.676904	NA
RAD21L1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
CCDC13	7.033615	0.237522	0.789917	0.300692	0.763649	NA

ASPRV1	14.18485	-0.04303	0.578247	-0.07442	0.940674	NA
	61.14853	-0.1125	0.311197	-0.36151	0.717721	0.82009
	19.01683	-0.09684	0.500772	-0.19338	0.846663	NA
RN7SL280P	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
UBE2V1	43.1443	0.008559	0.406988	0.021031	0.983221	NA
ASLP1	0.82213	0.50433	2.197682	0.229483	0.818494	NA
CRYBB2	7.027669	-0.23208	0.776669	-0.29881	0.765082	NA
DACT3-AS1	1.625501	-0.42008	1.608465	-0.26117	0.793964	NA
	3.024571	-0.20468	1.130771	-0.18101	0.856357	NA
TWF2	856.7871	-0.16384	0.173145	-0.94625	0.344022	0.512167
MARS2	424.0348	-0.14525	0.168471	-0.86219	0.388584	0.554176
BACH1-IT1	1.794942	0.281406	1.639616	0.171629	0.863729	NA
ABHD14A	291.2581	-0.26908	0.184251	-1.46039	0.144182	0.285928
GAPDHP38	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ATP5L2	0.640406	1.11402	2.710977	0.410929	0.681124	NA
ZNF324B	124.0953	-0.16395	0.211885	-0.77376	0.439075	0.599011
ANKRD20A	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	5.446869	1.093521	0.941897	1.160977	0.245651	NA
FER1L5	2.036758	-0.22167	1.464317	-0.15138	0.879675	NA
EAF1-AS1	0.55687	-0.14239	3.170029	-0.04492	0.964172	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TMEM158	17.57114	-0.48865	0.526277	-0.9285	0.353147	NA
HMGB1P3	0.288605	1.443619	4.029058	0.358302	0.720117	NA
	5.617353	0.83049	0.90767	0.914969	0.360208	NA
	6.700535	0.305515	0.890686	0.343011	0.73159	NA
FGD5P1	2.329755	0.974366	1.316456	0.740143	0.459213	NA
CHCHD10	1531.066	-0.13952	0.223177	-0.62515	0.53187	0.676174
ATP6V1E2	91.20387	-0.07208	0.271596	-0.26539	0.790712	0.873094
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SHANK3	1047.594	-0.343	0.180306	-1.90235	0.057126	0.151573
ZNF550	159.0276	0.597776	0.225303	2.653214	0.007973	0.040544
	4.081208	-0.70658	1.023659	-0.69024	0.49004	NA
RNU6-377P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
SNORD119	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU6ATAC	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
SCARNA5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
RNU6-120(	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RNU7-64P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SKP83	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.008034	0.23684	2.090235	0.113308	0.909786	NA
RNU6-100P	0.288605	1.443619	4.029058	0.358302	0.720117	NA
RNU6-107P	0.096202	0.408546	4.079639	0.100143	0.920231	NA

RMRPP3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.584911	2.38756	2.690807	0.887303	0.374916	NA
RNU7-162F	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-759F	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
RNU6-856F	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
RNA5SP10	1.262459	-1.18346	1.757563	-0.67335	0.500723	NA
RNU6-548F	1.484446	0.457722	1.720573	0.266028	0.790217	NA
	0.614937	2.493639	2.617677	0.952615	0.340785	NA
RNU6-762F	0.555087	0.973802	2.808575	0.346725	0.728798	NA
RNA5SP49(	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	0.520316	2.239969	3.173769	0.705776	0.480328	NA
RNU6-902F	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TUG1	1779.43	0.01746	0.191412	0.091216	0.927321	0.95828
IGKV1OR22	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
OSGEPL1-A	1.198654	1.307481	1.836319	0.712012	0.476457	NA
SIGLEC14	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.044145	0.31036	2.099918	0.147796	0.882504	NA
	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
XIRP2-AS1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
STX16-NPE	1.399164	0.376665	1.647821	0.228584	0.819192	NA
BRK1	4593.777	-0.02752	0.177039	-0.15545	0.876467	0.926153
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	2.548924	-1.08944	1.264576	-0.86151	0.388958	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
BRWD1-IT2	5.523001	-0.49122	0.878058	-0.55943	0.575865	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	4.599698	-0.09121	0.979239	-0.09315	0.925787	NA
TRAPPC2P1	91.04261	0.480653	0.260947	1.841955	0.065482	0.166907
C21orf119	53.56228	0.157796	0.305673	0.516226	0.605696	0.734104
ZNF432	105.8417	0.593941	0.295389	2.010704	0.044357	0.128569
MTRNR2L3	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA
ZNF225	103.2632	0.441661	0.241304	1.830308	0.067204	0.169547
	0.891457	-2.39215	2.460214	-0.97233	0.330884	NA
ZNF350	126.7497	0.46619	0.232651	2.003813	0.04509	0.129901
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.766634	1.516849	2.262991	0.670285	0.502676	NA
	2.420167	-0.1478	1.257336	-0.11755	0.906425	NA
LBX2-AS1	14.87409	0.72108	0.563412	1.279847	0.200599	NA
PRR24	140.644	0.017352	0.229337	0.075662	0.939688	0.96651
FNBP1P1	6.34969	0.322625	1.050891	0.307001	0.758843	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RTEL1	26.00738	-0.50507	0.472769	-1.06832	0.285378	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ZNF578	16.69825	-0.43594	0.550109	-0.79247	0.428087	NA

	5.103827	0.370771	0.894675	0.41442	0.678567	NA
UBE2F-SCL	0.716471	-2.03238	2.582811	-0.78689	0.431348	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	4.258489	1.720456	1.091448	1.576306	0.114955	NA
	27.02723	-0.49274	0.414856	-1.18774	0.234936	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
SH3RF3-AS	26.57976	0.323607	0.532901	0.607256	0.543681	NA
	0.574231	0.93227	2.49998	0.372911	0.709215	NA
	13.11849	0.581479	0.642055	0.905653	0.365119	NA
	18.61663	0.51258	0.502839	1.019372	0.308026	NA
LINC00657	3797.991	0.223641	0.242398	0.922616	0.356208	0.523926
	150.069	0.20262	0.26738	0.757796	0.448573	0.608203
	42.0055	-0.63593	0.372653	-1.7065	0.087914	NA
	8.565859	1.040058	0.800475	1.299301	0.193841	NA
	4.428276	-0.04009	1.091329	-0.03674	0.970694	NA
	0.658173	-0.01016	2.630582	-0.00386	0.996919	NA
	11.10437	-0.06513	0.681613	-0.09556	0.923873	NA
	13.84505	0.986569	0.598751	1.647712	0.099412	NA
	1.208248	-0.56723	2.124937	-0.26694	0.789515	NA
	0.696104	-0.93034	2.354268	-0.39517	0.692715	NA
	1.292043	0.040764	1.785235	0.022834	0.981783	NA
	0.711139	2.710446	2.504485	1.082237	0.279147	NA
LINC00515	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
	35.83004	0.525714	0.375081	1.401601	0.161034	NA
	4.444074	0.41613	0.938019	0.443627	0.657313	NA
	189.0091	0.121546	0.3148	0.386107	0.699418	0.806443
	17.10346	-0.11523	0.608357	-0.18941	0.849771	NA
XKR7	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	17.36517	0.537086	0.491297	1.0932	0.274306	NA
CAPN10-AS	24.22567	0.027873	0.470239	0.059274	0.952734	NA
	0.911447	1.874441	2.135629	0.8777	0.380107	NA
	2.196774	-0.30951	1.370947	-0.22576	0.821385	NA
	4.385241	0.402622	1.008534	0.399216	0.689734	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
	28.96621	0.267886	0.404075	0.662963	0.507354	NA
	2.094826	0.691584	1.424787	0.485394	0.627397	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZNF865	768.9855	-0.38638	0.175957	-2.19591	0.028099	0.094903
	2.84171	-0.61273	1.162219	-0.52721	0.59805	NA
	58.41643	0.038237	0.309405	0.123583	0.901645	0.942427
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	9.493688	0.224798	0.851692	0.263943	0.791824	NA
	1.770073	0.275437	1.470334	0.187329	0.851402	NA

	300.8944	-1.03158	0.226001	-4.56449	5.01E-06	4.21E-04
	14.66828	0.597312	0.553678	1.078808	0.280673	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	2.37081	0.670197	1.331783	0.503233	0.614801	NA
	1.137783	0.40046	1.978632	0.202392	0.83961	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.572651	0.928649	2.780261	0.334015	0.738368	NA
	100.645	0.466335	0.323773	1.440316	0.149778	0.293243
	2.611914	0.304918	1.49116	0.204484	0.837975	NA
GFY	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF234	150.5379	0.425813	0.217668	1.956256	0.050435	0.139405
RN7SL821P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR378I	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL533P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR4777	1.312411	-0.54592	1.909738	-0.28586	0.774985	NA
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
MIR3197	1.847719	-0.97377	1.415589	-0.68789	0.49152	NA
RN7SL4P	0.96595	-1.57133	2.099557	-0.74841	0.454214	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR3679	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RN7SL678P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR3687	23.74419	0.374012	0.498759	0.749885	0.453324	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR4442	1.775617	-0.64845	1.543375	-0.42015	0.674373	NA
MIR4786	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
MIR2467	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
RN7SL602P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR3125	4.912997	-0.26298	0.882144	-0.29811	0.765618	NA
MIR3648	45.74526	0.845743	0.555112	1.523554	0.12762	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR4534	1.265031	0.740117	1.715192	0.431507	0.6661	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL690P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL525P	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
RN7SL701P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR4431	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR4765	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR4761	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR3192	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR4263	1.576679	-2.08983	1.715854	-1.21795	0.223242	NA
MIR3128	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR4782	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	13.03768	0.925137	0.736818	1.255585	0.209266	NA

MIR3682	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
RN7SL243P	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.495797	-0.73607	3.324282	-0.22142	0.824763	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RN7SL53P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ESRG	0.919846	-3.47044	2.735469	-1.26868	0.204555	NA
MIR4326	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA
MIR4440	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL514P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL349P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL389P	0.628146	-0.21495	3.102079	-0.06929	0.944756	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR4766	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
MIR4754	3.549271	0.069978	1.08178	0.064688	0.948423	NA
MIR3135A	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR3194	1.116213	-3.87733	2.172197	-1.78498	0.074264	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA
	0.640406	1.11402	2.710977	0.410929	0.681124	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.457581	0.387035	1.603931	0.241304	0.80932	NA
	33.64823	-0.64858	0.453328	-1.43072	0.152511	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	4.927625	0.666712	0.933969	0.713848	0.475321	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	1.170556	-0.4175	2.096325	-0.19916	0.84214	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	2.131774	0.283052	1.512425	0.187151	0.851542	NA
	1.10954	-0.31713	1.971981	-0.16082	0.872235	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	9.667163	0.084391	0.715011	0.118027	0.906046	NA
	4.818697	1.679054	1.022421	1.642234	0.100542	NA
	11.57075	-1.13334	0.595206	-1.90412	0.056894	NA
	0.624422	1.162588	2.733761	0.425271	0.670639	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
EIF5AP3	0.288605	1.443619	4.029058	0.358302	0.720117	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	4.490259	-0.40596	0.922618	-0.44001	0.659931	NA
	5.664818	0.135163	0.955107	0.141516	0.887463	NA
	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
ZNF582-AS	58.43549	-0.0184	0.295772	-0.0622	0.9504	0.972466
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF285	63.18521	-0.00946	0.306815	-0.03084	0.975398	0.986466

	36.00373	0.633398	0.48735	1.299678	0.193711	NA
	4.808541	0.251617	0.885675	0.284096	0.776337	NA
	0.938845	-1.23445	2.063177	-0.59832	0.549624	NA
	2.485799	0.454375	1.396144	0.32545	0.744841	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.08872	-0.39114	1.046468	-0.37377	0.708575	NA
ZNF224	26.89289	1.242227	0.421058	2.95025	0.003175	NA
	1.878738	0.532302	1.445272	0.368305	0.712646	NA
	2.392712	0.970407	1.417933	0.684382	0.493734	NA
	0.640406	1.11402	2.710977	0.410929	0.681124	NA
SLC25A36P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
NDUFV2P1	9.453555	0.601295	0.661797	0.90858	0.363572	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	35.33172	0.113074	0.389669	0.290179	0.771679	NA
	1.993937	1.135122	1.450207	0.782731	0.433785	NA
	1.130695	2.130887	2.289427	0.930751	0.351982	NA
	2.110246	1.254374	1.426464	0.879359	0.379207	NA
	2.035818	3.11688	1.697119	1.836572	0.066273	NA
ZSCAN5D	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.402398	-2.58771	4.018369	-0.64397	0.519595	NA
	2.388374	0.65264	1.307415	0.499184	0.61765	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	54.6728	0.666515	0.328568	2.028546	0.042505	0.125471
PTOV1-AS1	177.76	-0.28908	0.213067	-1.35677	0.174855	0.326835
	3.891951	-1.563	1.038649	-1.50484	0.132366	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	1.044145	0.31036	2.099918	0.147796	0.882504	NA
	10.64079	-0.48724	0.618431	-0.78787	0.430772	NA
NAPA-AS1	16.88403	-0.22951	0.51654	-0.44432	0.656808	NA
	2.544398	-0.03055	1.41344	-0.02161	0.982756	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.518736	2.237423	2.7713	0.807355	0.419462	NA
	0.717609	0.516981	3.063469	0.168757	0.865988	NA
SMIM17	0.572651	0.928649	2.780261	0.334015	0.738368	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.866157	-0.27478	1.606737	-0.17101	0.864212	NA
	88.20155	0.113382	0.309826	0.365956	0.714398	0.817726
	2.341586	-0.0989	1.335614	-0.07405	0.940973	NA
	32.49863	0.427797	0.431581	0.991232	0.321572	NA
	1.142073	-0.81184	2.330623	-0.34833	0.727589	NA
	3.877961	0.281994	1.159108	0.243286	0.807784	NA

	1.87245	1.005198	1.659443	0.605744	0.544685	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	1.609066	-1.39607	1.853511	-0.7532	0.451329	NA
	2.010242	-1.40707	1.41265	-0.99605	0.319225	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.092967	2.10982	2.003899	1.052857	0.292406	NA
	1.716398	0.300458	1.545048	0.194465	0.845812	NA
	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
RPL7AP69	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	86.78446	-0.17586	0.302265	-0.58182	0.560689	0.698945
	0.599903	-1.73313	2.730982	-0.63462	0.525678	NA
	0.793886	-0.43778	2.212663	-0.19785	0.84316	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	8.580253	0.450086	0.681441	0.660491	0.508939	NA
VN1R107P	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	16.62088	-0.56572	0.500714	-1.12983	0.258548	NA
	0.738391	0.402625	2.276191	0.176885	0.859599	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.774778	0.157681	1.859216	0.08481	0.932412	NA
	1.943515	-0.00541	1.550248	-0.00349	0.997218	NA
	0.873864	1.205392	2.855153	0.422181	0.672893	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR296	0.845418	1.095819	2.535106	0.432258	0.665554	NA
	6.823343	-0.42044	0.825844	-0.5091	0.610683	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	1.866275	0.432622	1.441196	0.300183	0.764038	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.239563	1.504644	1.913282	0.786421	0.431621	NA
	12.41695	0.115433	0.628342	0.18371	0.854241	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	14.04323	0.067879	0.570255	0.119033	0.905249	NA
	0.582339	-1.69412	2.750801	-0.61586	0.537985	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SIGLEC22P	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	6.346297	-0.53098	0.778523	-0.68204	0.495213	NA
IGFL1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA

A1BG-AS1	119.8421	-0.14459	0.238577	-0.60606	0.544475	0.686238
	28.94988	-0.25517	0.405209	-0.62972	0.528875	NA
	2.075104	-0.04243	1.404124	-0.03022	0.975893	NA
	5.454979	0.617273	0.944818	0.653325	0.513547	NA
ZNF818P	2.093688	-0.03423	1.403269	-0.02439	0.980541	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	4.283963	-0.34721	1.04811	-0.33127	0.740438	NA
	4.622537	-1.01428	0.999887	-1.01439	0.310396	NA
	1.60219	1.363436	1.739646	0.783743	0.433191	NA
	0.490493	0.776209	2.895261	0.268096	0.788625	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.584911	2.38756	2.690807	0.887303	0.374916	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	1.49965	-0.07978	2.07973	-0.03836	0.969401	NA
	4.587117	-0.41298	0.967476	-0.42686	0.669479	NA
	2.070791	1.716585	1.470558	1.167302	0.243088	NA
	7.734557	-0.07463	0.739878	-0.10087	0.919654	NA
LINC00528	0.324752	1.53082	4.022025	0.380609	0.703493	NA
HCCAT3	0.853176	0.733892	2.189324	0.335214	0.737464	NA
	1.475145	0.336818	1.696708	0.198512	0.842644	NA
ZNF587B	146.0861	-0.18047	0.214274	-0.84223	0.399661	0.564314
	1.784716	-0.14025	1.577434	-0.08891	0.929155	NA
	10.77733	0.319277	0.638566	0.49999	0.617082	NA
	1.107959	-0.3351	1.823092	-0.18381	0.854166	NA
	58.43228	-0.47478	0.357097	-1.32957	0.183661	0.336932
	0.966942	0.917791	1.915974	0.47902	0.631924	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
SPIB	1.192047	-2.11452	2.271965	-0.9307	0.352008	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
NPCDR1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.1119	0.46633	1.933926	0.241131	0.809453	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LRRC3DN	76.30696	-0.56726	0.529017	-1.0723	0.283586	0.450055
	5.000827	0.082522	0.903795	0.091306	0.927249	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	2.431407	0.225417	1.273728	0.176975	0.859528	NA
	0.97663	-0.60197	1.931737	-0.31162	0.755327	NA
	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RPL12P41	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	7.635363	-0.60015	0.719059	-0.83463	0.403924	NA
	12.07104	0.103175	0.579153	0.178147	0.858607	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	2.880779	-0.3917	1.222068	-0.32052	0.748572	NA

	2.92619	-5.69E-05	1.276199	-4.46E-05	0.999964	NA
	33.49778	0.819219	0.44472	1.842101	0.06546	NA
	37.79193	0.163843	0.400018	0.409589	0.682107	NA
MIR519A2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	34.61105	-0.14691	0.403599	-0.36401	0.71585	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FUCA2	1586.446	-0.13482	0.142019	-0.94929	0.342475	0.510698
GCLC	919.2599	0.329031	0.15258	2.156454	0.031048	0.101538
NFYA	767.7125	-0.02343	0.136885	-0.17113	0.864122	0.919997
ENPP4	1.249048	0.800669	1.919369	0.417152	0.676567	NA
LAP3	3115.041	-0.17221	0.163869	-1.05093	0.293291	0.460403
HS3ST1	1.937191	0.501769	1.44322	0.347673	0.728086	NA
PLXND1	2906.194	-0.33705	0.195101	-1.72755	0.08407	0.197553
CD38	0.860207	-2.14053	2.512764	-0.85186	0.394291	NA
SLC22A16	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CCDC109B	142.1583	0.067873	0.223787	0.303291	0.761668	0.851908
IBTK	900.8505	0.55804	0.29781	1.873812	0.060956	0.158996
CDKL3	37.98882	0.711924	0.389774	1.826506	0.067774	NA
PROM1	26.61304	0.096155	0.450577	0.213403	0.831012	NA
TEAD3	588.3462	-0.31426	0.153541	-2.04674	0.040683	0.121674
MYLIP	575.2741	-0.05042	0.148796	-0.33887	0.734706	0.832199
JARID2	1110.263	-0.3082	0.140052	-2.20062	0.027763	0.094307
TFAP2B	3.18775	-0.56873	1.217754	-0.46704	0.640474	NA
TFAP2D	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SEC62	1630.358	0.93749	0.580965	1.613678	0.106597	0.232765
REV3L	804.2154	0.274545	0.59646	0.460291	0.645308	0.764324
VTA1	998.2584	0.580346	0.200247	2.89815	0.003754	0.024478
RANBP9	1322.655	0.217577	0.135444	1.606398	0.108187	0.234942
ETV7	61.0803	-0.8523	0.357728	-2.38252	0.017194	0.068328
HFE	407.0791	-0.20884	0.160055	-1.30481	0.191959	0.346567
FYN	3473.809	-0.10692	0.144269	-0.7411	0.458635	0.617083
HIVEP2	732.4387	0.177223	0.153716	1.152925	0.248941	0.412801
ELOVL5	2780.551	0.016648	0.120982	0.137611	0.890548	0.936036
MAN2B2	2173.387	-0.45628	0.133816	-3.40974	6.50E-04	0.007923
SLC7A14	124.1301	2.153344	1.102251	1.953589	0.05075	0.140047
CLDN11	282.0927	0.656305	1.166863	0.562452	0.573808	0.709406
PGM3	730.9543	0.561533	0.185694	3.02397	0.002495	0.018778
RWDD2A	208.6721	0.28603	0.193468	1.478431	0.139292	0.279268
RNF14	2611.175	0.089508	0.13346	0.670673	0.502429	0.652458
TACC3	972.4209	-0.56682	0.234996	-2.41205	0.015863	0.064508
UFL1	460.5	0.768706	0.610343	1.259464	0.207863	0.365177
ACPP	5.998947	-0.29473	0.857545	-0.34369	0.731082	NA
SLC30A9	1844.291	0.506549	0.209163	2.421796	0.015444	0.063199
MATR3	4158.843	0.622988	0.283948	2.194024	0.028234	0.095223
ATP2C1	4092.518	0.161097	0.134733	1.195679	0.231822	0.394183

RUFY3	652.4729	0.322477	0.288645	1.117212	0.263904	0.428396
WWTR1	2620.833	0.167393	0.229172	0.730426	0.46513	0.622571
CD74	26.07483	-0.16296	0.454817	-0.3583	0.72012	NA
SERPINB1	627.1426	0.037533	0.154153	0.243481	0.807633	0.885215
DEF6	49.3895	0.188144	0.383385	0.490743	0.623608	0.747737
UBR2	1019.969	0.207569	0.187406	1.107592	0.268038	0.433032
CCDC28A	497.749	0.106571	0.162371	0.656343	0.511604	0.659389
RRAGD	3556.979	-0.00515	0.119021	-0.04324	0.96551	0.981198
HSF2	527.9416	0.501297	0.174061	2.880008	0.003977	0.025373
SEC63	1395.195	0.393645	0.229602	1.714469	0.086443	0.201508
BTN3A1	505	-0.50302	0.230097	-2.1861	0.028808	0.096427
IFNGR1	1262.981	0.619108	0.149709	4.135404	3.54E-05	0.001346
B4GALT7	750.5233	-0.21338	0.140348	-1.52033	0.128427	0.264779
BRD9	875.4039	0.050048	0.132064	0.378965	0.704714	0.810633
TBPL1	337.0992	0.309851	0.172436	1.796908	0.07235	0.178764
BCLAF1	1922.449	0.585274	0.327078	1.789401	0.07355	0.180809
IBSP	0.518939	0.925178	3.271397	0.282808	0.777324	NA
BAK1	536.5866	-0.34539	0.173438	-1.99143	0.046434	0.132422
FAM13B	1209.314	0.48757	0.187803	2.596186	0.009427	0.04539
ARHGAP31	2785.989	-0.57088	0.149484	-3.81903	1.34E-04	0.003043
CENPQ	179.3642	1.28651	0.236972	5.42895	5.67E-08	2.35E-05
UBA6	693.8851	0.782891	0.269823	2.901502	0.003714	0.02432
ASTE1	117.8967	0.175947	0.24546	0.716806	0.473494	0.629168
PEX3	286.151	0.246729	0.166002	1.4863	0.1372	0.276381
DEPDC1B	304.0393	0.369141	0.229107	1.61122	0.107132	0.233594
RFC1	798.5903	0.765115	0.315292	2.426688	0.015237	0.062765
TBC1D23	860.6802	0.979007	0.22692	4.314332	1.60E-05	8.22E-04
RPL26L1	529.9437	0.417423	0.201232	2.074332	0.038048	0.116164
FLT4	0.324752	1.53082	4.022025	0.380609	0.703493	NA
NSUN2	1891.971	0.197661	0.123801	1.596606	0.110354	0.238252
MFAP3	878.6442	0.100415	0.186278	0.539058	0.589847	0.721858
AGA	724.3791	0.197031	0.196617	1.002106	0.316292	0.483763
PI4K2B	501.2562	0.680378	0.208349	3.265566	0.001092	0.010985
BOD1L1	790.195	0.777378	1.038538	0.748531	0.45414	0.612913
MAT2B	1433.671	0.518385	0.187962	2.757927	0.005817	0.032729
TRIO	3855.6	-0.10108	0.173468	-0.58269	0.560101	0.698472
VCAN	365.9386	-0.60586	0.401111	-1.51045	0.130928	0.267383
SKIV2L2	1025.476	0.629876	0.263711	2.388513	0.016917	0.067684
DNAH5	1.401736	2.557161	1.873156	1.365162	0.172202	NA
ZFYVE16	4678.843	0.932369	0.334758	2.785202	0.005349	0.031041
RAI14	2651.829	0.571682	0.230415	2.481098	0.013098	0.056711
SOX30	5.325266	0.010376	0.914028	0.011352	0.990943	NA
SPDL1	171.5345	1.205413	0.391624	3.077988	0.002084	0.016597
CDH10	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LSG1	1192.253	0.428195	0.133933	3.197079	0.001388	0.012868
DCUN1D1	432.8935	0.840725	0.289767	2.901381	0.003715	0.02432
JADE2	3010.682	-0.31125	0.305828	-1.01774	0.3088	0.476128

LCP2	1.600812	0.66716	1.651524	0.403966	0.686238	NA
CUL7	1275.296	-0.59285	0.149718	-3.95978	7.50E-05	0.002133
CTNNA1	18178.74	0.079017	0.129837	0.608592	0.542795	0.684848
EPHA3	4.586454	-0.27843	1.046999	-0.26594	0.790289	NA
YTHDC2	543.6999	0.781823	0.236198	3.310036	9.33E-04	0.00992
POLR2B	3587.335	0.371125	0.154888	2.396095	0.016571	0.066637
ARAP2	88.58401	0.798905	0.423535	1.886278	0.059258	0.155834
CP	0.35636	1.709252	3.651833	0.468053	0.639746	NA
DTNBP1	595.139	-0.16697	0.148721	-1.12268	0.261575	0.426022
FAM184B	142.3985	0.374252	0.212891	1.75795	0.078756	0.189267
GOPC	744.592	0.630692	0.202425	3.115687	0.001835	0.015242
TSPAN17	2650.354	-0.36387	0.127645	-2.85063	0.004363	0.026927
NOP16	472.4544	0.461252	0.180071	2.561503	0.010422	0.048395
CC2D2A	1224.217	0.12106	0.153936	0.786434	0.431613	0.592892
MRPS10	1113.009	0.155652	0.151166	1.029673	0.303164	0.47046
GUCA1A	4.858375	1.300778	0.994027	1.308594	0.190672	NA
ERCC8	235.7273	0.274506	0.209446	1.310628	0.189984	0.344236
ADAMTS6	4.434857	1.079029	1.095704	0.984781	0.324731	NA
CLPTM1L	3936.355	-0.11019	0.151388	-0.72784	0.466712	0.623704
HEXB	6568.79	0.089985	0.145079	0.620251	0.535093	0.678307
PTCD2	260.7526	-0.08641	0.187981	-0.45968	0.645743	0.764681
MCUR1	712.1722	0.357064	0.145726	2.450239	0.014276	0.060039
TNIP3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MAPK9	1078.419	0.303497	0.153354	1.979067	0.047808	0.134794
POLQ	162.277	0.989493	0.286158	3.457863	5.44E-04	0.007109
PIK3CB	1476.907	-0.10547	0.191252	-0.55146	0.581321	0.714966
THOC3	304.5649	0.004144	0.185107	0.02239	0.982137	0.990311
HEBP2	612.4116	0.113345	0.170258	0.665727	0.505586	0.654811
FNIP2	2355.183	0.382191	0.153405	2.49138	0.012725	0.055583
MSMO1	3213.454	0.251487	0.183459	1.370803	0.170436	0.32082
FSTL4	4.422597	-0.32034	0.934232	-0.3429	0.731677	NA
METTL24	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MCF2L2	25.81497	0.160874	0.419172	0.383789	0.701135	NA
ANAPC4	496.8055	0.526259	0.151789	3.46703	5.26E-04	0.006994
FOXC1	64.61663	0.046338	0.296175	0.156454	0.875675	0.925771
FAM114A2	615.3801	0.29402	0.181537	1.619612	0.105316	0.231078
CYFIP2	302.9481	0.00176	0.23466	0.007499	0.994017	0.997382
TAB2	1849.174	0.013333	0.131678	0.101253	0.919349	0.953283
GINM1	734.0359	0.171179	0.149235	1.147044	0.251363	0.415319
C4orf27	432.1287	0.630868	0.188553	3.345842	8.20E-04	0.009177
ZFR	3144.131	0.324227	0.159075	2.038206	0.041529	0.123608
NPFFR2	157.8919	-0.71576	0.288225	-2.48333	0.013016	0.056459
TRAF3IP2	1312.369	-0.38141	0.18783	-2.03063	0.042292	0.125119
DCBLD2	2130.939	0.242274	0.160725	1.507377	0.131714	0.268537
PRDM1	9.050699	0.041624	0.667472	0.062361	0.950276	NA
ATG5	631.4566	0.737735	0.22506	3.277955	0.001046	0.010649
USP13	824.8244	-0.08215	0.204902	-0.40092	0.688481	0.797454

ATP11B	1362.286	0.703575	0.219092	3.211321	0.001321	0.012431
SEC61A1	8820.335	-0.38385	0.155446	-2.46934	0.013536	0.05789
RIOK2	331.0769	0.858534	0.224661	3.821461	1.33E-04	0.003029
DGKG	13.75978	-0.65837	0.636324	-1.03465	0.300831	NA
PET112	885.3892	-0.10174	0.132066	-0.77034	0.441096	0.601277
RPS17P5	0.327913	1.543154	4.021063	0.383768	0.701151	NA
PRDM6	1.855741	-0.82082	1.601184	-0.51263	0.608209	NA
GUCY1B3	115.8765	0.731447	0.305936	2.390851	0.016809	0.067346
TNK2	1416.162	-0.27119	0.197222	-1.37505	0.169116	0.319451
GPBP1	843.1175	0.711527	0.212539	3.347755	8.15E-04	0.009155
AHRR	2323.793	-0.3056	0.168527	-1.81337	0.069775	0.174038
RNF4	2115.731	-0.21687	0.142536	-1.52153	0.128126	0.264346
LIMCH1	65.50675	1.360056	0.360285	3.774942	1.60E-04	0.003412
ST3GAL6	1538.312	0.423541	0.158656	2.669553	0.007595	0.03937
SLC12A2	659.4911	0.259239	0.250979	1.032912	0.301645	0.468492
SNX24	395.3558	0.510738	0.207375	2.462871	0.013783	0.058544
SNCAIP	0.096202	0.408546	4.079639	0.100143	0.920231	NA
POU1F1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TAF11	565.1711	0.212784	0.157812	1.348338	0.17755	0.329811
ANKS1A	3451.803	-0.2753	0.187601	-1.46747	0.142248	0.283134
ZNF76	771.8313	-0.18398	0.144373	-1.27431	0.202553	0.358825
UHRF1BP1	1000.525	-0.32711	0.153554	-2.13025	0.033151	0.106017
TRAM2	3459.809	-0.45104	0.148329	-3.04081	0.002359	0.017993
ROPN1	445.8781	-0.18138	0.195641	-0.9271	0.353877	0.521857
PDIA5	623.7357	-0.08305	0.161181	-0.51525	0.606382	0.734435
TBC1D22B	467.561	-0.0406	0.168386	-0.24111	0.80947	0.886082
NDUFB4	3219.098	-0.02028	0.1662	-0.12203	0.902871	0.943218
MYLK	594.8607	-0.35473	0.226429	-1.56662	0.117204	0.247806
SNAP91	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CYB5R4	425.7091	0.571257	0.202593	2.819723	0.004807	0.028764
ME1	1064.441	0.450467	0.145623	3.093381	0.001979	0.016077
TBC1D1	2182.341	0.143672	0.222478	0.64578	0.518422	0.665428
SLC9A3	35.01134	-0.06123	0.451977	-0.13548	0.892232	NA
ZNRD1	194.2801	-0.14486	0.188071	-0.77024	0.441157	0.601277
CLDN18	7.444634	1.245235	0.81121	1.535034	0.124775	NA
ZBTB11	396.4308	0.663941	0.204485	3.246899	0.001167	0.011459
ISOC1	185.7115	0.111176	0.20581	0.540188	0.589068	0.721298
TRMT11	182.738	0.948006	0.21709	4.366881	1.26E-05	7.08E-04
PPAP2A	989.7099	0.459527	0.265714	1.729403	0.083737	0.197146
DHX29	549.3833	0.797955	0.298306	2.674955	0.007474	0.038996
FGFR3	4.081179	-0.03727	0.990527	-0.03763	0.969983	NA
KIF2A	562.622	0.635773	0.229546	2.76969	0.005611	0.032054
IFT80	161.7394	1.200579	0.37089	3.237022	0.001208	0.011766
PITX1	0.787148	-0.70094	2.357021	-0.29738	0.766174	NA
MAST4	140.8988	-0.67258	0.25455	-2.64222	0.008236	0.041392
GPR116	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
ATP1B3	7753.813	0.082825	0.202138	0.409746	0.681992	0.792882

PFN2	4963.938	-0.36529	0.307136	-1.18933	0.234309	0.396876
DAPP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZXDC	424.255	-0.16031	0.189853	-0.84439	0.398454	0.563281
NDST1	6105.354	-0.51185	0.143539	-3.56595	3.63E-04	0.005542
CAMK2A	12.71722	-0.34066	0.638378	-0.53363	0.593595	NA
TCOF1	1656.269	-0.27185	0.171841	-1.582	0.11365	0.242586
WDR1	17266.34	-0.17671	0.141811	-1.24609	0.212731	0.371473
ARHGAP10	472.4795	0.289343	0.15102	1.915922	0.055375	0.148657
TRIP13	644.7418	-0.13495	0.238044	-0.56692	0.570765	0.706602
HLTF	873.5427	0.781927	0.318054	2.45847	0.013953	0.059055
LNX1	6.916809	0.04757	0.931729	0.051055	0.959282	NA
TFRC	3227.072	0.175066	0.210237	0.832709	0.405009	0.569272
AFF4	3430.738	0.244635	0.166735	1.467209	0.142319	0.283134
HMMR	234.1803	1.117189	0.296387	3.769359	1.64E-04	0.003461
P4HA2	1537.829	-0.1343	0.195368	-0.6874	0.491832	0.643353
STK10	4756.262	-0.40548	0.130484	-3.10753	0.001887	0.015523
FBXW11	2458.402	-0.0327	0.166295	-0.19663	0.844117	0.907349
CRMP1	207.8506	-0.42722	0.212043	-2.01476	0.04393	0.127739
EVC	2902.791	-0.62674	0.152787	-4.10205	4.10E-05	0.001483
SIDT1	29.99277	-0.71784	0.462907	-1.55072	0.120968	NA
MCM2	981.4633	-0.4871	0.227864	-2.13769	0.032542	0.105005
TP63	0.754374	0.344906	2.513743	0.137208	0.890866	NA
ALPK1	477.1858	-0.12765	0.17367	-0.735	0.462339	0.620395
SDHA	4295.652	-0.26868	0.13815	-1.94486	0.051791	0.141718
PPP2R3A	796.3116	0.60062	0.186466	3.221075	0.001277	0.012122
IGF2BP2	1241.116	-0.0672	0.171554	-0.39173	0.695257	0.803408
MAP3K13	776.6438	0.265641	0.141689	1.874817	0.060818	0.158775
ST6GAL1	3101.85	-0.29705	0.147291	-2.01674	0.043723	0.127417
PPP2R2C	0.651288	1.289307	2.633717	0.489539	0.62446	NA
CDHR2	12.86336	-0.50989	0.58696	-0.86869	0.385016	NA
SNCB	45.87398	-1.23936	0.571702	-2.16783	0.030171	NA
MGLL	213.6793	0.08809	0.886399	0.099379	0.920837	0.953991
TUBE1	180.4881	0.648099	0.202446	3.201344	0.001368	0.012729
TXK	3.71531	-0.28034	1.138387	-0.24626	0.805483	NA
FNDC3B	1310.134	0.13187	0.192581	0.684751	0.493501	0.644607
FRYL	1290.441	0.295687	0.142027	2.081904	0.037351	0.114765
PLD1	848.9125	-0.13918	0.184865	-0.75289	0.451516	0.610554
DLG1	1362.154	0.673058	0.229418	2.933763	0.003349	0.022686
RAB7A	20682.44	-0.06388	0.127975	-0.49918	0.61765	0.742546
JADE1	284.04	0.280432	0.2215	1.266058	0.205492	0.362516
MCCC1	708.7849	0.126332	0.18378	0.687407	0.491826	0.643353
LAMP3	0.884727	1.125991	2.88877	0.389782	0.696698	NA
UBE2K	1939.78	0.286878	0.144373	1.987066	0.046915	0.133248
N4BP2	50.46297	0.634905	0.476967	1.331131	0.183146	0.336255
ADCY2	562.7294	-0.49234	0.189883	-2.59284	0.009519	0.045649
PKD2L2	2.077676	1.160533	1.441605	0.805029	0.420803	NA
SLC1A3	71.90752	0.588829	0.33996	1.732053	0.083264	0.196515

LXN	392.2295	0.470523	0.191859	2.452437	0.014189	0.059806
SCGN	1.38705	-1.18656	1.632795	-0.7267	0.467408	NA
LRRC16A	868.9875	-0.27615	0.179994	-1.5342	0.12498	0.259891
EPB41L2	1536.676	0.071807	0.220088	0.326263	0.744226	0.838959
MOXD1	381.1448	0.120203	0.229563	0.523617	0.600545	0.729987
STX7	6363.56	0.397133	0.186738	2.126685	0.033446	0.10676
DDX43	19.00863	0.777574	0.509449	1.526303	0.126934	NA
CRYBG3	282.4831	0.589698	0.316823	1.861285	0.062704	0.162128
EPHA6	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
SLC4A4	9.339025	-0.1431	0.674163	-0.21227	0.831898	NA
SESN1	478.7142	-0.04021	0.203052	-0.198	0.843041	0.906755
KCNN2	82.75127	-1.27506	0.384261	-3.31822	9.06E-04	0.009758
CPOX	1109.565	0.081143	0.150956	0.537525	0.590905	0.722556
CLDND1	1139.999	0.528219	0.168846	3.128398	0.001758	0.014873
CXCL2	18.99524	-1.52623	0.777631	-1.96267	0.049685	NA
TCF7	95.98481	-0.14345	0.264593	-0.54216	0.587705	0.720278
OSTM1	12193.6	0.50684	0.182299	2.780267	0.005431	0.031364
IMPG2	2.502197	0.811632	1.388482	0.584547	0.558853	NA
PCNP	2164.527	0.581444	0.19562	2.972308	0.002956	0.020932
MEF2C	1851.459	0.661699	0.205179	3.224979	0.00126	0.012025
UBA5	479.1081	0.493592	0.238323	2.071106	0.038349	0.11687
KIAA0141	1822.571	-0.24959	0.120082	-2.0785	0.037663	0.115375
PCDHB4	0.814253	-1.23545	2.246777	-0.54988	0.582405	NA
PCDHA6	0.622842	1.158846	2.735323	0.42366	0.671814	NA
PCDHGA2	44.62724	-0.49215	0.337274	-1.4592	0.144511	NA
WDR70	616.687	0.466438	0.167585	2.783295	0.005381	0.031155
FYB	10.68047	0.084523	0.794305	0.106411	0.915256	NA
C1QTNF3	7.41121	0.31041	0.756851	0.410134	0.681708	NA
C5orf22	1221.326	-0.03605	0.197174	-0.18284	0.854926	0.913749
FAM135A	188.9079	0.802218	0.267645	2.997325	0.002724	0.019937
COL19A1	29.54896	0.335381	0.459156	0.73043	0.465127	NA
MRPL22	1009.57	0.26149	0.178234	1.467118	0.142344	0.283135
GEMIN5	662.0322	-0.30136	0.15191	-1.9838	0.047278	0.133854
GSK3B	1612.148	-0.0671	0.171323	-0.39165	0.695316	0.803408
ITGB5	5819.378	-0.03401	0.167495	-0.20307	0.839077	0.904049
C4orf6	0.555087	0.973802	2.808575	0.346725	0.728798	NA
RNF13	1965.699	0.45593	0.165264	2.7588	0.005801	0.032657
DOPEY1	343.6667	0.202663	0.219918	0.921536	0.356771	0.524363
LYRM2	1049.118	0.630747	0.178133	3.54088	3.99E-04	0.00591
BCKDHB	663.5624	0.103667	0.248436	0.417278	0.676475	0.788478
TNPO1	5670.671	0.719139	0.189404	3.796861	1.47E-04	0.003187
OXCT1	2484.232	0.263664	0.176999	1.489631	0.136321	0.275434
FAT1	3489.787	-0.38226	0.167238	-2.28572	0.022271	0.081537
YTHDC1	911.955	0.60053	0.258474	2.323365	0.02016	0.076136
CHMP2B	771.9123	0.926589	0.2026	4.573494	4.80E-06	4.09E-04
NOA1	797.4221	-0.2634	0.147218	-1.78916	0.073589	0.180809
REST	466.056	0.58799	0.294127	1.999104	0.045597	0.130744

TAF9	1484.533	0.528567	0.18191	2.90566	0.003665	0.024136
MYNN	398.9494	0.666078	0.226879	2.935827	0.003327	0.022548
MECOM	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
SCAMP1	924.8011	0.640458	0.189399	3.381535	7.21E-04	0.008464
PREP	1963.301	-0.49644	0.145654	-3.40833	6.54E-04	0.007955
HACE1	318.7201	0.44563	0.223388	1.994873	0.046057	0.131789
MGST2	307.6902	-0.11135	0.189049	-0.58901	0.555854	0.695462
DIMT1	766.2639	0.228552	0.149941	1.524282	0.127438	0.263318
IPO11	601.6733	0.194348	0.183979	1.056362	0.290803	0.45777
FAT2	15.64352	0.016576	0.54634	0.03034	0.975796	NA
RBM22	998.2796	-0.14441	0.139443	-1.0356	0.300389	0.467283
ACOX3	486.637	-0.34788	0.173206	-2.00848	0.044592	0.129054
ADAMTS2	134.7966	-0.77896	0.396987	-1.96217	0.049743	0.138006
TMPRSS11I	0.899187	0.806933	2.127165	0.379346	0.704431	NA
UIMC1	580.7494	0.314352	0.200381	1.568775	0.1167	0.247139
SH3BP2	1370.292	-0.37719	0.14857	-2.53883	0.011122	0.050539
NOP14	1309.497	0.071148	0.145655	0.488473	0.625215	0.748721
ADD1	8420.74	-0.51488	0.115043	-4.47552	7.62E-06	5.35E-04
F11	0.394291	0.298745	3.141711	0.09509	0.924243	NA
MAEA	2852.721	-0.26121	0.138879	-1.88087	0.059989	0.157199
DNAJB11	1639.331	0.468752	0.157114	2.983523	0.00285	0.020461
LEPREL1	1399.954	0.980227	0.668055	1.467285	0.142299	0.283134
CHRD	1.780992	0.370243	1.531458	0.241758	0.808968	NA
EXOC1	895.5533	0.744495	0.264891	2.810569	0.004945	0.029358
RBM27	497.3019	0.628442	0.245031	2.564749	0.010325	0.048058
POU4F3	0.410275	0.244283	3.100889	0.078778	0.937209	NA
SEL1L3	186.8964	0.408921	0.301712	1.355336	0.175311	0.327146
TF	1.643845	-0.01408	1.719549	-0.00819	0.993465	NA
CDV3	3113.925	0.220049	0.146263	1.504475	0.132459	0.269673
CD200	328.2241	-0.88664	0.283091	-3.13199	0.001736	0.01475
CCDC80	1884.535	-0.18811	0.236411	-0.7957	0.426204	0.588064
SEMA6A	2784.455	-0.23431	0.181482	-1.29109	0.196673	0.352003
ECHDC1	1917.713	0.636058	0.173025	3.676116	2.37E-04	0.004317
GABRP	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
CDC23	778.7543	-0.07805	0.158641	-0.49197	0.622742	0.746925
MAP3K1	615.2008	-0.13353	0.244083	-0.54707	0.58433	0.717551
HIVEP1	310.3068	-0.05575	0.23087	-0.24148	0.809184	0.885851
FKBP5	709.6094	-0.72921	0.250886	-2.90652	0.003655	0.024096
SRPK1	1145.414	0.383355	0.174623	2.195329	0.02814	0.094961
BRPF3	1210.901	-0.34247	0.169493	-2.02057	0.043324	0.126879
MRPS18A	789.3449	-0.03944	0.154214	-0.25578	0.798121	0.877894
TMEM14A	927.9692	0.178669	0.152306	1.173095	0.240758	0.403989
EFHC1	335.9232	0.384903	0.184215	2.089425	0.036669	0.113473
HSP90AB1	24931.76	0.023424	0.140139	0.167146	0.867256	0.921265
MLN	0.162376	0.424913	4.079006	0.104171	0.917034	NA
CDC5L	1027.016	0.74819	0.233848	3.199474	0.001377	0.012785
ITPR3	2960.593	-0.42807	0.177597	-2.41033	0.015938	0.064664

ZNF184	185.5905	0.523051	0.221	2.366744	0.017945	0.070142
DSP	2.215953	0.955495	1.484968	0.643445	0.519936	NA
TMEM33	2172.495	0.161202	0.177358	0.908906	0.3634	0.53062
GNRHR	1.033116	1.025241	1.933005	0.530387	0.595844	NA
SLAIN2	1105.098	0.217555	0.164786	1.320229	0.186759	0.340881
OCIAD1	2201.038	0.377777	0.154114	2.451275	0.014235	0.059928
DCUN1D4	815.5187	0.655181	0.235346	2.783908	0.005371	0.03112
USP46	560.251	0.104125	0.21408	0.486381	0.626697	0.74944
SULT1E1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CHIC2	283.8303	0.120838	0.182159	0.663368	0.507095	0.656218
NMU	6.368434	0.025781	0.841692	0.03063	0.975565	NA
KIAA1211	1040.316	-0.42877	0.158646	-2.70268	0.006878	0.036671
LAMTOR3	814.4725	0.672565	0.177164	3.796278	1.47E-04	0.003187
PF4V1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NFKB1	1741.683	-0.27042	0.136418	-1.98227	0.047449	0.134091
MANBA	1209.435	-0.10388	0.137927	-0.75315	0.451362	0.610554
UBE2D3	6765.19	0.063848	0.134125	0.476035	0.634049	0.755518
MAPK10	13.12067	-0.0447	0.575461	-0.07768	0.938086	NA
ELF2	315.7446	0.782953	0.196284	3.988886	6.64E-05	0.001953
NDUFC1	1374.852	0.268517	0.170986	1.570403	0.116321	0.246689
UCP1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TBC1D9	795.9136	0.252722	0.16336	1.547022	0.121858	0.255054
ZNF330	1198.207	0.26978	0.178463	1.511684	0.130614	0.267063
INPP4B	6108.326	0.773494	0.17155	4.508845	6.52E-06	4.97E-04
GAB1	548.9982	0.223443	0.226159	0.987988	0.323158	0.491033
KLHL2	459.6415	0.638222	0.178982	3.565847	3.63E-04	0.005542
CPE	4.193981	0.087923	1.069757	0.08219	0.934496	NA
RPL34	7729.884	0.526801	0.197094	2.672837	0.007521	0.039107
WFS1	3194.472	-0.46241	0.241915	-1.91148	0.055943	0.149607
ANXA10	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GRPEL1	1302.683	0.009323	0.155973	0.059773	0.952337	0.973943
GAR1	435.0446	-0.15839	0.16299	-0.9718	0.331149	0.499652
FRG1	535.7073	0.646705	0.230934	2.800391	0.005104	0.030014
CLCN3	4513.428	0.289122	0.191194	1.512193	0.130485	0.26704
AADAT	222.3631	-0.00129	0.215931	-0.00597	0.995238	0.997908
GALNT7	800.76	0.424441	0.179391	2.366008	0.017981	0.070259
DHX15	4063.63	0.31702	0.13479	2.35196	0.018675	0.072184
SOD3	18.93969	-0.1695	0.53964	-0.3141	0.753446	NA
SEPSECS	213.191	0.628568	0.236553	2.657198	0.007879	0.04028
TRIM2	4039.217	0.14414	0.260073	0.554229	0.579422	0.713593
SLC2A9	35.33256	-0.15246	0.372564	-0.40923	0.682371	NA
FBXW7	313.4663	0.42454	0.195181	2.17511	0.029622	0.098146
NEIL3	76.0719	0.13037	0.302855	0.430469	0.666855	0.781491
TBC1D19	301.5843	0.138019	0.209526	0.65872	0.510076	0.65835
WHSC1	1916.34	-0.32657	0.216001	-1.51192	0.130555	0.26704
SH3D19	1348.446	0.091623	0.210694	0.43486	0.663664	0.779061
STIM2	462.585	0.220842	0.173004	1.276513	0.201774	0.358267

NKX3-2	3.989361	-0.30952	1.060279	-0.29192	0.770346	NA
MFSD10	1983.649	-0.1482	0.16926	-0.87556	0.381272	0.547441
GLRB	74.48803	0.943828	0.315029	2.996008	0.002735	0.019954
BST1	818.8125	-0.1184	0.152013	-0.77885	0.436068	0.596949
RAPGEF2	1146.355	0.074208	0.133849	0.554414	0.579295	0.713563
HGFAC	0.912824	3.024111	2.331252	1.297204	0.194561	NA
SNX25	1650.008	0.792144	0.163406	4.84772	1.25E-06	1.83E-04
LRP2BP	53.00272	0.837335	0.371947	2.251221	0.024372	0.086453
UFSP2	550.1789	0.391826	0.179538	2.182411	0.029079	0.096999
KLF3	656.4804	0.343112	0.201499	1.702796	0.088606	0.205443
KLHL5	671.0018	0.362352	0.176515	2.052813	0.040091	0.120637
FAM149A	738.0111	-0.34721	0.195872	-1.77266	0.076286	0.185131
NCAPG	319.1286	0.732178	0.214345	3.415884	6.36E-04	0.007818
UGDH	661.8757	0.023067	0.189195	0.121924	0.902959	0.943218
PPARGC1A	75.00745	-0.67315	0.514153	-1.30924	0.190452	0.344799
COL12A1	585.467	-0.56292	0.20426	-2.7559	0.005853	0.032848
BTN3A3	475.6047	-0.45499	0.214163	-2.12451	0.033628	0.107079
TDP2	735.4877	0.681293	0.154628	4.406001	1.05E-05	6.38E-04
FRK	31.93434	0.06483	0.398047	0.16287	0.870621	NA
DSE	134.4042	0.476774	0.258951	1.841175	0.065596	0.167055
RWDD1	1576.463	0.846307	0.218927	3.865707	1.11E-04	0.002747
RSPH4A	4.788028	0.623077	0.914052	0.681665	0.495451	NA
MAK	1.649634	1.909873	1.612286	1.184575	0.236186	NA
TMEM14C	3889.007	0.155139	0.134133	1.156607	0.247433	0.410886
PAK1IP1	486.0193	0.601439	0.153954	3.906618	9.36E-05	0.002433
GCNT2	3137.737	0.04193	0.208616	0.200994	0.840704	0.905184
SMIM8	101.1787	0.37249	0.247823	1.503046	0.132827	0.270093
NEDD9	469.7843	-0.18321	0.165983	-1.10376	0.269697	0.434351
CEP85L	97.56302	0.743597	0.451632	1.646465	0.099668	0.222979
ADTRP	11.54799	-0.27716	0.596794	-0.46441	0.642353	NA
ASF1A	411.0904	0.715209	0.16756	4.268374	1.97E-05	9.23E-04
MCM9	219.5001	0.254874	0.181462	1.404557	0.160153	0.307468
FAM184A	2.865049	3.506201	1.637196	2.141589	0.032227	NA
RNGTT	571.8088	0.227472	0.168673	1.3486	0.177465	0.329706
MAN1A1	509.6807	0.594912	0.173065	3.437504	5.87E-04	0.007468
GABRR2	2.262349	0.147942	1.309881	0.112943	0.910076	NA
SERINC1	8046.415	0.669763	0.186757	3.586287	3.35E-04	0.005288
HDDC2	2164.811	0.263414	0.137904	1.910134	0.056116	0.149964
TPD52L1	70.28062	0.602816	1.108514	0.543806	0.586575	0.719339
HINT3	359.191	0.37515	0.25919	1.447391	0.147788	0.290937
NCOA7	481.5984	0.661631	0.209934	3.151614	0.001624	0.014248
FAM65B	268.6309	-1.12526	0.365607	-3.07778	0.002085	0.016597
SASH1	5265.923	0.223689	0.21462	1.042255	0.297293	0.464533
UST	827.6468	-0.00696	0.15579	-0.04469	0.964353	0.980481
ULBP1	7.109806	1.360974	0.915105	1.487233	0.136953	NA
PPARD	1335.763	-0.2699	0.151354	-1.78326	0.074544	0.182375
FANCE	224.913	-0.40916	0.203919	-2.00649	0.044805	0.129347

TULP1	0.623045	0.091811	2.666142	0.034436	0.97253	NA
SLC26A8	1.56189	-0.54495	1.531142	-0.35591	0.721905	NA
MAPK14	1834.232	-0.09953	0.13718	-0.72557	0.468103	0.624576
KCTD20	5616.1	-0.01986	0.157999	-0.12569	0.899978	0.941432
STK38	1189.251	0.001309	0.134942	0.009701	0.99226	0.996738
SRSF3	4327.71	0.099688	0.14319	0.696194	0.486307	0.639483
MCM3	3072.387	-0.14539	0.181378	-0.80156	0.422807	0.585148
RNF8	528.5092	0.298127	0.149853	1.989468	0.04665	0.132812
PHACTR1	5743.062	0.575294	0.266656	2.157439	0.030971	0.101371
MDGA1	103.0302	-0.6046	0.299553	-2.01833	0.043557	0.127152
ICK	509.1572	0.328301	0.24	1.367922	0.171337	0.322285
FBXO9	1369.022	0.095086	0.128127	0.742122	0.458013	0.616456
CD83	427.7479	-0.08713	0.159672	-0.54568	0.585283	0.718394
MDN1	1331.547	-0.02341	0.163151	-0.14348	0.885915	0.932547
GLP1R	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SAYSD1	226.2792	-0.1974	0.206293	-0.9569	0.338616	0.507304
BACH2	29.14915	-0.28827	0.440528	-0.65437	0.512876	NA
RBM24	2.880633	0.035057	1.181172	0.02968	0.976322	NA
CAP2	674.9739	0.146756	0.175049	0.838368	0.401824	0.566424
TREML2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF451	476.5638	0.667629	0.215456	3.098686	0.001944	0.015854
BAG2	75.405	0.332697	0.271009	1.227623	0.219588	0.379257
RAB23	249.5899	0.729149	0.232022	3.142589	0.001675	0.014459
TSPO2	0.452561	2.061505	3.349456	0.615474	0.538241	NA
GPR63	42.39654	0.243122	0.38197	0.636494	0.524454	NA
KHDRBS2	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
FBXL4	600.26	0.178584	0.183905	0.971068	0.331514	0.500013
CCNC	809.6509	0.565558	0.209575	2.698591	0.006963	0.037018
PRDM13	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
E2F3	616.6046	0.103973	0.169538	0.613271	0.539697	0.681811
PTP4A1	2435.444	0.221484	0.169752	1.304748	0.191979	0.346567
ASCC3	1285.657	0.460601	0.227348	2.025972	0.042768	0.125906
HDGFL1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
BVES	1102.178	-0.11336	0.161263	-0.70294	0.482093	0.636186
COL9A1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MED23	669.3518	0.137555	0.180723	0.761136	0.446576	0.606363
WASF1	216.2147	-0.04872	0.260397	-0.18712	0.851568	0.91179
GPLD1	3.058247	0.878725	1.162511	0.755885	0.449718	NA
ALDH5A1	76.30187	-0.42003	0.332532	-1.26312	0.206546	0.363668
AIM1	4.18377	0.507874	0.962285	0.527779	0.597653	NA
VNN2	2.621815	0.026494	1.280344	0.020693	0.983491	NA
ACOT13	604.3494	0.287416	0.163191	1.761223	0.078201	0.188314
SMAP1	249.7082	0.080011	0.190234	0.420593	0.674052	0.786547
RPS12	31861.85	0.173489	0.159162	1.090015	0.275706	0.4413
C6orf62	3218.022	-0.40039	0.15381	-2.60316	0.009237	0.044695
B3GAT2	3.146306	0.541236	1.25772	0.430331	0.666955	NA
GMNN	495.4953	0.469429	0.157862	2.97366	0.002943	0.020877

EYA4	11.07236	0.537756	0.741061	0.725657	0.468049	NA
SNX3	6588.153	0.193003	0.135724	1.422026	0.155019	0.300482
HBS1L	2096.197	0.456027	0.172441	2.644533	0.00818	0.041197
TRIM38	746.5932	0.197426	0.157378	1.254474	0.20967	0.367209
PEX7	232.4915	9.62E-04	0.184788	0.005207	0.995845	0.998034
ZBTB24	1040.731	0.592824	0.157148	3.772397	1.62E-04	0.003435
FIG4	1078.138	0.023675	0.171445	0.13809	0.890169	0.935891
PERP	3423.552	-0.03669	0.145562	-0.25205	0.800999	0.880141
KIAA1244	71.3004	-0.1093	0.313524	-0.34861	0.727383	0.827079
SLC16A10	187.2043	-0.3393	0.292767	-1.15894	0.246482	0.409996
HECA	490.5128	0.563524	0.215869	2.610487	0.009041	0.044218
GPR126	908.4889	0.137072	0.190831	0.718294	0.472576	0.628423
PHACTR2	442.5623	0.715731	0.268081	2.669836	0.007589	0.039355
EPM2A	537.4827	0.075758	0.180094	0.420657	0.674006	0.786547
SLC39A7	4380.597	-0.07413	0.144104	-0.51443	0.606952	0.734751
PHF1	1543.656	0.035252	0.185343	0.190197	0.849155	0.910193
CUTA	4955.286	-0.15476	0.138336	-1.11875	0.263246	0.427592
MDFI	1.99927	-0.50401	1.413276	-0.35663	0.72137	NA
TFEB	162.6172	-0.26737	0.219515	-1.21801	0.223222	0.384077
CCND3	3491.901	-0.22995	0.143533	-1.6021	0.109134	0.236308
BYSL	1030.241	-0.30068	0.180812	-1.66296	0.096321	0.217461
GUCA1B	8.743757	0.495457	0.704708	0.703068	0.482013	NA
PRPH2	0.785567	-0.70568	2.358063	-0.29926	0.764741	NA
GLTSCR1L	332.8359	-0.27014	0.17623	-1.5329	0.1253	0.260204
PPP2R5D	2221.304	-0.33006	0.120452	-2.74018	0.006141	0.03389
MRPL2	871.9336	-0.13546	0.189977	-0.71302	0.475833	0.630941
PTK7	1984.741	-0.36476	0.134636	-2.70921	0.006744	0.036212
SRF	1436.198	-0.23683	0.144016	-1.64449	0.100075	0.223218
CUL9	1003.835	-0.59389	0.165527	-3.58786	3.33E-04	0.00527
DNPH1	1583.149	-0.29975	0.214332	-1.39851	0.161959	0.309782
DUSP22	1855.2	-0.12289	0.136956	-0.89727	0.369576	0.536532
EXOC2	1410.846	0.116814	0.148324	0.787557	0.430956	0.592439
COX7A2	5884.554	0.195681	0.173324	1.128987	0.258903	0.423177
TMEM30A	3050.591	0.640012	0.172769	3.704436	2.12E-04	0.00404
GMDS	627.4728	-0.11988	0.161629	-0.74171	0.458262	0.616722
SENP6	638.4791	0.82405	0.620793	1.327414	0.184372	0.337667
IMPG1	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
VEGFA	192.4268	0.494518	0.248307	1.99156	0.046419	0.132419
PRPF4B	1014.266	1.108726	0.320048	3.464252	5.32E-04	0.007022
TTK	282.6046	0.814772	0.217585	3.744613	1.81E-04	0.003645
SLC29A1	1505.577	-0.39105	0.169609	-2.30558	0.021134	0.078663
WISP3	0.886724	0.648622	2.434305	0.26645	0.789892	NA
BTN2A1	809.8648	0.308749	0.17835	1.73114	0.083427	0.196777
LAMA4	1879.587	-0.36336	0.179831	-2.02057	0.043324	0.126879
FAM46A	568.3668	-0.28038	0.210693	-1.33073	0.183277	0.336442
ENPP5	23.59907	0.016717	0.453367	0.036874	0.970586	NA
PRSS16	0.564775	-1.6359	3.188247	-0.5131	0.607879	NA

TBX18	8.0246	0.397117	0.778292	0.510241	0.609882	NA
ERBB2IP	1451.611	0.816544	0.302383	2.700363	0.006926	0.036855
PCDHB2	2.085966	-0.1142	1.452328	-0.07863	0.937325	NA
HARS2	824.0106	0.026183	0.147876	0.177062	0.859459	0.916432
NUDT12	353.0599	0.852915	0.32163	2.651851	0.008005	0.040626
CEP72	143.737	-0.54095	0.249899	-2.16467	0.030413	0.099989
MAN2A1	713.9005	0.15668	0.180893	0.866146	0.38641	0.552513
SEMA5A	2544.619	-0.55016	0.211992	-2.59519	0.009454	0.045467
C7	1.63049	1.95266	1.731691	1.127603	0.259488	NA
PAPD7	518.3228	-0.07489	0.176938	-0.42325	0.672109	0.78532
GHR	167.6349	0.095729	0.287321	0.333179	0.738999	0.835002
HMGCS1	2061.046	0.456373	0.255035	1.789452	0.073542	0.180809
DAP	4403.658	-0.2255	0.198055	-1.13859	0.254875	0.419192
NME5	129.0512	0.643172	0.255164	2.520616	0.011715	0.052388
BRD8	1385.031	-0.05405	0.186715	-0.28949	0.772208	0.858857
KIF20A	1357.157	-0.52731	0.243856	-2.16237	0.030589	0.100398
NNT	2825.297	0.068499	0.148035	0.462725	0.643562	0.762832
MRPS30	918.5643	-0.00771	0.17158	-0.04491	0.964177	0.980386
HSPA9	8042.223	0.278553	0.125471	2.220066	0.026414	0.091242
MRPS27	1742.709	-0.27744	0.14605	-1.89962	0.057483	0.152304
PFDN1	1408.998	0.255484	0.146053	1.749251	0.080248	0.19184
HBEGF	265.2514	0.15406	0.293183	0.525474	0.599254	0.728781
SLC4A9	0.651435	0.249629	2.788679	0.089515	0.928672	NA
LOX	361.9088	0.240081	0.184692	1.299897	0.193636	0.348763
APBB3	173.6388	0.14598	0.291777	0.500312	0.616856	0.742224
TMCO6	189.4526	-0.21101	0.184727	-1.1423	0.25333	0.417475
SPARC	31938.83	-0.09374	0.245127	-0.3824	0.702167	0.808431
IK	2111.23	0.306836	0.160736	1.908946	0.056269	0.150106
HMGCR	3976.825	0.084399	0.17278	0.488474	0.625214	0.748721
COL4A3BP	5822.515	0.239986	0.293369	0.818036	0.413337	0.576581
FAF2	1624.617	-0.17415	0.134267	-1.29702	0.194624	0.349693
PCDHB5	19.05335	0.055941	0.519493	0.107684	0.914246	NA
PCDHB6	3.532713	-0.58767	1.04039	-0.56485	0.572173	NA
PCDHB7	5.136339	-0.00468	1.048828	-0.00446	0.996441	NA
PDE8B	37.78456	0.988172	0.367791	2.686779	0.007214	NA
CLK4	217.8155	1.437867	0.248444	5.787493	7.14E-09	5.29E-06
PCDHB15	9.338158	-0.61497	0.917023	-0.67062	0.502465	NA
GRM6	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ITK	2.522361	0.824874	1.302023	0.633533	0.526386	NA
RNF130	2621.637	0.015045	0.132553	0.113501	0.909633	0.947766
THG1L	364.7671	0.193381	0.178909	1.080889	0.279746	0.445692
ARSB	1846.906	-0.37999	0.151529	-2.50773	0.012151	0.053906
CLINT1	1580.746	0.456994	0.186104	2.45558	0.014066	0.059426
THBS4	28.89142	0.103269	0.386546	0.267157	0.789348	NA
CNOT6	804.214	-0.1168	0.222824	-0.52416	0.600166	0.72974
TTC1	1268.707	0.693105	0.178017	3.893467	9.88E-05	0.00253
MSH3	444.3784	0.236836	0.225938	1.048236	0.29453	0.461615

RASGRF2	25.54178	0.586261	0.480494	1.220122	0.222419	NA
CCNG1	5038.848	0.126513	0.199155	0.635249	0.525266	0.670944
POLR3G	487.8133	0.840447	0.344834	2.43725	0.014799	0.061418
DROSHA	1663.725	-0.2362	0.136028	-1.73642	0.08249	0.195273
CDH6	14.77112	1.926026	0.730202	2.637664	0.008348	NA
LMNB1	301.2663	-0.17808	0.222695	-0.79964	0.423917	0.586
ARRDC3	315.5646	0.049076	0.291675	0.168256	0.866382	0.920772
GOLPH3	2190.231	0.23692	0.150591	1.573271	0.115656	0.245718
SUB1	1577.081	0.491466	0.189683	2.590986	0.00957	0.045835
NPR3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
FAM172A	492.6574	0.30211	0.214367	1.40931	0.158743	0.305454
SLC27A6	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TARS	3022.409	0.433876	0.140021	3.09865	0.001944	0.015854
IRX4	0.288605	1.443619	4.029058	0.358302	0.720117	NA
LNPEP	676.1742	0.370066	0.233517	1.584752	0.113023	0.241813
PDE4D	786.6491	0.179553	0.255579	0.702533	0.482347	0.636247
RAD1	664.5784	0.21959	0.149745	1.466428	0.142532	0.283414
BRIX1	408.0614	0.733293	0.211274	3.470818	5.19E-04	0.006943
PRLR	0.326536	0.037056	3.842554	0.009644	0.992306	NA
SLC12A7	671.438	-0.51391	0.186882	-2.74991	0.005961	0.033256
IL4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RAD50	390.3272	0.937786	1.099674	0.852785	0.393778	0.558547
ST8SIA4	89.74367	0.6336	0.29684	2.134486	0.032803	0.10553
GNPDA1	2952.931	-0.1197	0.140693	-0.85078	0.394894	0.559494
PCDH12	24.56414	-0.6732	0.439052	-1.53331	0.1252	NA
SKP1	6926.746	0.001275	0.13046	0.009774	0.992201	0.996738
NUP155	995.4175	-0.0923	0.160104	-0.5765	0.564275	0.702086
PPP2CA	2795.275	0.267034	0.129667	2.059374	0.039458	0.119231
FGF1	86.242	-0.06934	0.279855	-0.24776	0.804323	0.883057
NR3C1	906.2927	0.269946	0.169522	1.592395	0.111296	0.239458
C5orf15	1464.869	0.340721	0.16504	2.064469	0.038973	0.118135
PPWD1	220.3716	0.777754	0.263015	2.957069	0.003106	0.021663
LIFR	0.875096	2.998778	2.317512	1.293965	0.195678	NA
TRIM23	287.4772	0.984953	0.297141	3.314763	9.17E-04	0.009804
TRAPPC13	328.4924	0.765999	0.206803	3.704006	0.000212	0.00404
C9	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
SEC24A	898.4982	0.12082	0.169836	0.711394	0.47684	0.631755
TXNDC15	976.2661	0.00281	0.150371	0.018685	0.985093	0.992141
TTC33	309.3254	1.026577	0.238409	4.30595	1.66E-05	8.32E-04
RARS	1935.113	0.426917	0.175573	2.431569	0.015034	0.062124
WWC1	438.8702	0.293182	0.280285	1.046013	0.295555	0.462854
H2AFY	2736.596	-0.11799	0.126216	-0.9348	0.34989	0.517951
TCERG1	670.3373	0.607444	0.264111	2.299956	0.021451	0.079468
DPYSL3	177.0354	-0.61622	0.236415	-2.60651	0.009147	0.044479
SMAD5	1196.076	0.374886	0.228596	1.639952	0.101015	0.224425
CSNK1A1	2164.193	0.26908	0.154079	1.746379	0.080745	0.192525
HMGXB3	3520.074	-0.27283	0.155174	-1.75822	0.078709	0.189193

ERGIC1	3866.936	-0.34433	0.127154	-2.70798	0.006769	0.036304
PDGFRB	1.930363	1.160669	1.615427	0.718491	0.472455	NA
ATP6V0E1	6950.13	0.001025	0.149912	0.00684	0.994543	0.997674
BNIP1	248.4661	0.074313	0.175533	0.423355	0.672036	0.785312
STC2	2.49803	2.344218	1.523164	1.539045	0.123793	NA
CPEB4	1188.502	0.68831	0.183146	3.75826	1.71E-04	0.003521
HRH2	607.7421	0.362003	0.328872	1.100741	0.271009	0.436168
DBN1	3260.75	-0.40809	0.192321	-2.1219	0.033846	0.107486
ZNF346	281.501	-0.34985	0.164576	-2.12575	0.033524	0.106893
EHHADH	386.341	0.093653	0.20723	0.451927	0.651322	0.769259
CNTN3	3.359711	1.034846	1.163471	0.889448	0.373763	NA
SMC4	509.104	1.17002	0.886647	1.3196	0.186969	0.341107
TBCCD1	245.1701	-0.12101	0.205293	-0.58944	0.555567	0.695339
TIMMDC1	2109.21	0.164575	0.144801	1.136557	0.255723	0.419889
BCL6	645.444	0.35531	0.167226	2.124733	0.033609	0.107059
HGD	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CLDN16	0.458885	0.577525	3.449278	0.167433	0.867029	NA
ARL6	120.3031	0.906339	0.296884	3.052837	0.002267	0.017517
NPHP3	326.2726	0.575585	0.283634	2.029322	0.042426	0.125269
AMOTL2	1362.206	-0.08081	0.242136	-0.33376	0.738563	0.834633
NIT2	1582.111	0.162632	0.187011	0.86964	0.384497	0.550642
FAM162A	1140.52	0.325166	0.14059	2.312867	0.02073	0.077653
KPNA1	2536.951	-0.14142	0.148814	-0.9503	0.341957	0.510118
PCCB	1323.156	-0.20135	0.159411	-1.26308	0.206562	0.363668
ARMC8	562.1976	0.211467	0.154237	1.371049	0.17036	0.320797
CEP70	247.2168	0.800688	0.245968	3.255255	0.001133	0.011192
RBP2	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RBP1	0.604258	1.087325	2.707696	0.401568	0.688002	NA
SLC25A36	1337.308	0.748862	0.205333	3.64707	2.65E-04	0.004599
GRK7	0.787148	-0.70094	2.357021	-0.29738	0.766174	NA
RNF7	1823.974	0.165435	0.13588	1.217504	0.223413	0.384238
TFDP2	960.7408	-0.08605	0.141088	-0.60988	0.541942	0.684136
XRN1	529.2029	0.473555	0.265309	1.784919	0.074274	0.18199
BCHE	1775.794	0.647004	0.191748	3.37425	7.40E-04	0.008671
PDCD10	966.1968	1.062894	0.242086	4.39056	1.13E-05	6.60E-04
FGF12	3.317616	0.016454	1.118979	0.014705	0.988268	NA
HES1	1423.866	0.117975	0.136292	0.865604	0.386708	0.552806
ACAP2	1072.992	0.527477	0.322118	1.637527	0.10152	0.225161
ECT2	849.5672	0.881395	0.164518	5.357437	8.44E-08	3.13E-05
TFG	2329.298	0.011997	0.139064	0.08627	0.931251	0.961169
RPL24	13170.78	0.403771	0.178847	2.257627	0.023969	0.085459
FXR1	2732.392	0.726337	0.217934	3.332831	8.60E-04	0.009421
CBLB	481.4404	0.044081	0.171356	0.257249	0.796987	0.87712
BBX	1255.121	0.505495	0.281254	1.797292	0.072289	0.178651
IFT57	499.6705	0.602581	0.184165	3.271967	0.001068	0.010822
GNB4	810.926	0.409024	0.240311	1.702063	0.088744	0.205541
IQCG	87.99696	0.411355	0.267405	1.538321	0.12397	0.258425

GBE1	1504.472	0.54199	0.199213	2.720651	0.006515	0.035318
MORC1	1.347189	0.804826	1.780891	0.451923	0.651324	NA
UMPS	652.7886	0.221454	0.157996	1.401646	0.161021	0.308584
NCBP2	1742.685	0.338149	0.163737	2.065188	0.038905	0.11802
SNX4	838.0933	0.892569	0.271855	3.283255	0.001026	0.010515
C3orf52	101.3017	0.085171	0.272859	0.312142	0.754933	0.847111
FRMD4B	481.0811	0.104805	0.290583	0.360673	0.718344	0.820342
SLC41A3	1638.879	-0.36319	0.130319	-2.78693	0.005321	0.030907
ROPN1B	221.1035	-0.13314	0.190266	-0.69977	0.484068	0.637767
PLXNA1	6801.174	-0.92027	0.196621	-4.68042	2.86E-06	2.97E-04
ATP6V1A	5794.842	0.131752	0.167527	0.786452	0.431603	0.592892
ABTB1	1030.419	0.094627	0.159745	0.592361	0.553609	0.693987
PODXL2	228.895	-0.72789	0.344156	-2.115	0.03443	0.108718
EFCC1	6.547771	-0.76776	0.795793	-0.96478	0.334657	NA
KIAA1257	1.380174	1.51503	1.913079	0.791933	0.4284	NA
NEK11	73.24137	0.152003	0.310023	0.490297	0.623924	0.747838
MRPL3	1629.439	0.400231	0.132494	3.020738	0.002522	0.018956
PLSCR4	381.7787	0.593322	0.207652	2.857287	0.004273	0.026562
COMMD2	597.4061	0.556431	0.207196	2.685528	0.007242	0.038036
PEX5L	17.10063	-1.12803	0.772529	-1.46018	0.144241	NA
ABCC5	1229.841	-0.00638	0.181268	-0.0352	0.971921	0.984629
ARHGEF26	284.0418	0.082295	0.215476	0.381923	0.702518	0.808735
KLHL24	896.6482	0.507585	0.201313	2.521373	0.01169	0.052315
PLCH1	1.766406	0.99678	1.673542	0.595611	0.551435	NA
SSR3	4314.252	0.059853	0.199827	0.299524	0.76454	0.853834
CLCN2	104.4638	-0.23785	0.227629	-1.04489	0.296072	0.463358
FOXP1	154.7562	-0.07262	0.219815	-0.33036	0.741129	0.836776
EIF4G1	14363.2	-0.49427	0.15493	-3.19026	0.001421	0.013114
STAG1	513.9278	0.637794	0.184078	3.464814	5.31E-04	0.007022
A4GNT	0.572651	0.928649	2.780261	0.334015	0.738368	NA
ATP10B	165.1397	-0.67226	0.267804	-2.51026	0.012064	0.053649
ELOVL4	215.6376	0.355428	0.205978	1.725566	0.084425	0.197995
FILIP1	1.120365	-0.61682	2.073914	-0.29742	0.766148	NA
CASP8AP2	180.171	1.080988	0.848739	1.273639	0.202791	0.359115
HMGN3	1041.622	0.434866	0.15732	2.764202	0.005706	0.032367
UBE3D	128.3165	-0.05728	0.255144	-0.22449	0.822379	0.893074
CNR1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PHF3	627.187	0.87178	0.707671	1.231899	0.217987	0.377425
ZC2HC1B	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ADGB	0.258578	1.233151	4.047809	0.304646	0.760635	NA
PLAGL1	0.67854	-0.89371	2.366391	-0.37767	0.705677	NA
FBXO30	544.3912	0.512186	0.185032	2.768101	0.005638	0.032121
TNFAIP3	710.9264	-0.38126	0.173059	-2.20307	0.02759	0.093918
AKAP7	172.0071	0.23842	0.306529	0.777805	0.436684	0.597284
RAB32	17364.11	0.127881	0.166854	0.766423	0.443425	0.603336
MYB	13.28514	0.019364	0.621652	0.03115	0.97515	NA
ALDH8A1	2.220006	-0.5859	1.353543	-0.43287	0.665111	NA

SGK1	12949.9	-0.01426	0.261725	-0.05449	0.956546	0.976145
RNF146	871.4667	0.534321	0.161976	3.298758	9.71E-04	0.010161
ARG1	0.640609	0.042838	2.379511	0.018003	0.985637	NA
CTGF	56.9022	0.767964	0.388765	1.975394	0.048223	0.135498
FBXL5	2155.548	0.050153	0.191068	0.262487	0.792946	0.874397
MED28	732.7065	0.003743	0.160623	0.023303	0.981409	0.990173
FOXO3	610.5767	-0.48613	0.19412	-2.50426	0.012271	0.054213
ARMC2	35.59993	0.143034	0.377423	0.378974	0.704707	NA
PKD2	3508.71	0.456574	0.143581	3.179898	0.001473	0.013425
ABCG2	62.61801	0.739359	0.344832	2.144113	0.032024	0.103756
SPP1	53.80006	-1.04145	0.527012	-1.97613	0.04814	0.135397
FAM47E-ST	74.57004	0.014547	0.270498	0.053777	0.957113	0.976409
CCNI	5131.77	-0.40534	0.120385	-3.36704	7.60E-04	0.008794
RARRES1	22.31499	-0.09095	0.473638	-0.19203	0.847717	NA
MFSD1	2703.668	0.197559	0.13468	1.466877	0.14241	0.283219
ELL2	397.4689	0.458311	0.165686	2.766143	0.005672	0.032268
GLRXP3	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
UBE2B	1289.84	0.505406	0.143955	3.510857	4.47E-04	0.006364
PIGZ	197.7822	-0.32271	0.244774	-1.3184	0.187369	0.341521
SENP5	854.4017	0.19811	0.181104	1.093899	0.273999	0.439786
SLC17A5	1314.145	0.218053	0.181384	1.202163	0.2293	0.39113
OGFRL1	151.4809	0.096937	0.284191	0.341098	0.73303	0.831029
DUSP1	279.2147	0.025589	0.309398	0.082706	0.934085	0.963062
PANK3	1955.527	0.630152	0.247897	2.541994	0.011022	0.050218
MSX2	55.4149	-0.30943	0.348431	-0.88806	0.374507	0.540843
GRIA2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NUP43	639.672	0.131674	0.224138	0.587468	0.556889	0.696185
MTHFD1L	2162.374	-0.11076	0.203885	-0.54326	0.586951	0.719576
LRP11	445.9335	-0.05918	0.172634	-0.34278	0.731763	0.829991
PCMT1	5260.66	0.134513	0.159741	0.842066	0.399751	0.564374
PLEKHG1	323.2185	-0.01168	0.224078	-0.05213	0.958427	0.977053
CYSTM1	2673.982	-0.05407	0.156097	-0.34639	0.729052	0.827945
WDR55	1381.79	-0.16967	0.158409	-1.07106	0.284142	0.450757
ARAP3	1746.564	-0.51164	0.139372	-3.67103	2.42E-04	0.004366
PCDHB8	2.127664	1.692754	1.452671	1.165269	0.24391	NA
PCDHB10	1.932835	-0.51746	1.539434	-0.33614	0.736767	NA
PCDHB14	10.93435	0.508748	0.708758	0.717803	0.472879	NA
PCDHB12	2.010535	2.225923	1.666585	1.33562	0.181674	NA
SLC25A2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SLC10A7	104.9285	0.486945	0.249588	1.950993	0.051058	0.140634
ETF1	4994.126	0.483927	0.177819	2.721453	0.0065	0.035248
TGFBI	237.6707	1.751346	0.397909	4.401372	1.08E-05	6.41E-04
FAM53C	2151.781	-0.29798	0.149664	-1.99102	0.046479	0.132518
SIL1	2006.209	-0.37568	0.143911	-2.61049	0.009041	0.044218
PAIP2	1444.539	0.483729	0.168228	2.87543	0.004035	0.025524
MYOT	70.0903	1.971143	0.514966	3.827714	1.29E-04	0.002993
KDM3B	2351.822	-0.42054	0.126021	-3.3371	8.47E-04	0.009353

EGR1	130.4803	0.701052	0.455347	1.539599	0.123658	0.258002
SERP1	2411.566	0.048102	0.179862	0.267438	0.789132	0.872032
PLS1	79.89346	0.748968	0.350237	2.138463	0.032479	0.104859
NACA3P	3.204965	0.061803	1.388805	0.044501	0.964505	NA
LRAT	24.49904	0.424196	0.493009	0.860422	0.389557	NA
KIAA0922	325.7859	-0.37653	0.207641	-1.81339	0.069772	0.174038
MND1	50.15761	0.828344	0.316441	2.617686	0.008853	0.043566
PDZRN3	2535.48	0.473966	0.21071	2.249378	0.024488	0.086686
SEC22A	263.3508	0.281679	0.192948	1.459869	0.144326	0.286166
DPPA4	0.47803	0.520083	2.97881	0.174594	0.861399	NA
POPDC2	12.83261	-0.30108	0.622656	-0.48354	0.628714	NA
B4GALT4	672.6729	0.361725	0.165714	2.18282	0.029049	0.09698
NAA50	2454.838	0.384463	0.164309	2.339881	0.01929	0.073814
CD80	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
TNFSF10	10.51905	-0.1957	0.673689	-0.29049	0.771438	NA
ZNF639	348.4077	0.298839	0.186906	1.598869	0.10985	0.23738
SLITRK3	1.113684	-0.35671	2.036264	-0.17518	0.86094	NA
PIK3CA	418.2185	0.778789	0.279594	2.785422	0.005346	0.031036
PDS5A	2328.757	0.548988	0.176205	3.115626	0.001836	0.015242
LIAS	150.4034	0.082384	0.241348	0.341349	0.732841	0.830894
POLK	446.9837	1.340858	0.328137	4.086271	4.38E-05	0.001538
SV2C	0.644964	2.579089	2.975624	0.866739	0.386085	NA
FYTTD1	1581.692	0.609792	0.187493	3.25234	0.001145	0.01127
KIAA1191	4785.317	-0.0869	0.146117	-0.59473	0.552021	0.692949
NLN	820.2666	0.197971	0.207637	0.953449	0.340363	0.508571
CENPK	85.2852	1.468199	0.306845	4.784823	1.71E-06	2.24E-04
COL10A1	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
AMD1	2821.01	0.092501	0.204361	0.452633	0.650813	0.768772
NDUFAF4	435.3489	0.689288	0.153705	4.484474	7.31E-06	5.32E-04
USP45	192.6273	0.921924	0.277877	3.317738	9.07E-04	0.009758
SLC36A1	630.4396	-0.01513	0.181931	-0.08317	0.933715	0.962789
EXOSC9	516.335	0.511504	0.175106	2.921115	0.003488	0.023268
PLA2G12A	760.6644	0.205496	0.205889	0.998093	0.318234	0.486043
MXD4	6714.316	-0.2528	0.125588	-2.01291	0.044125	0.128084
MTRR	1219.047	0.291966	0.16459	1.773904	0.076079	0.184819
FASTKD3	256.1745	0.534121	0.189449	2.819337	0.004812	0.028784
	0.601483	-1.7332	2.729494	-0.63499	0.525436	NA
ATP8A1	34.68855	0.818601	0.379341	2.157956	0.030931	NA
GRM4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TRERF1	8.056973	-0.4465	0.765069	-0.5836	0.559487	NA
BTN2A2	865.0319	-0.10595	0.175808	-0.60267	0.546727	0.688197
SIRT5	267.6906	0.032575	0.167967	0.193936	0.846226	0.908697
HIST1H4B	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MRS2	916.3212	0.192593	0.159034	1.211017	0.225889	0.387093
WRNIP1	2011.893	-0.04366	0.177118	-0.2465	0.805294	0.88355
RRP36	1680.749	0.097722	0.132854	0.735558	0.462	0.620272
BTN2A3P	98.40804	0.611738	0.268007	2.282548	0.022457	0.081967

BTN1A1	1.714724	0.059918	1.668681	0.035907	0.971356	NA
SNRPC	1914.574	0.003471	0.130583	0.026579	0.978796	0.988636
SLC17A3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SERPINB6	4614.464	-0.16077	0.126782	-1.26804	0.204783	0.361426
XPO5	1650.564	-0.37275	0.145302	-2.56535	0.010307	0.048042
ABCC10	1121.666	-0.34615	0.1566	-2.21038	0.027079	0.09262
HIST1H1D	2.28652	1.927295	1.528093	1.261242	0.207222	NA
PEX6	1305.149	-0.41125	0.161513	-2.54623	0.010889	0.049746
NQO2	1675.352	0.134761	0.159803	0.843294	0.399064	0.563807
PRICKLE4	154.402	0.141066	0.207319	0.68043	0.496232	0.647533
OARD1	497.4302	0.285159	0.171015	1.667445	0.095426	0.216181
UNC5CL	9.572125	0.028355	0.739349	0.038352	0.969407	NA
AARS2	718.5941	-0.38279	0.169046	-2.2644	0.02355	0.084549
HIST1H1A	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
ZNF391	45.69331	0.490918	0.432142	1.136011	0.255952	NA
RPS10	8842.5	0.070822	0.155204	0.456314	0.648164	0.76633
MOCS1	863.4787	-0.34971	0.138584	-2.52347	0.01162	0.052181
HIST1H2BJ	30.31982	0.450669	0.629311	0.716131	0.47391	NA
MED20	485.6729	-0.33676	0.165243	-2.03796	0.041554	0.123649
OR2B6	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
TBCC	842.4761	-0.22525	0.136999	-1.64417	0.100142	0.223272
SPDEF	0.911593	1.257757	2.250933	0.558771	0.576318	NA
TCP11	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
MAD2L1BP	1426.042	0.062616	0.143494	0.436366	0.662571	0.778086
HIST1H3B	1.449704	-0.80325	1.854551	-0.43313	0.664924	NA
APOBEC2	0.881769	-0.20384	2.229339	-0.09144	0.927147	NA
KLHDC3	2394.409	-0.19923	0.132103	-1.5081	0.131528	0.268237
GNMT	3.137402	-0.76134	1.141897	-0.66673	0.504945	NA
DNAH8	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
MEA1	1568.58	-0.01533	0.163	-0.09407	0.925053	0.957356
KLHL31	0.614937	2.493639	2.617677	0.952615	0.340785	NA
COL21A1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CDKN1A	7407.1	-0.05651	0.156118	-0.36197	0.717371	0.819783
SOX4	2407.972	-0.41176	0.169815	-2.42475	0.015319	0.062905
GLO1	3758.032	0.111958	0.156921	0.713467	0.475557	0.63076
CPNE5	0.495797	-0.73607	3.324282	-0.22142	0.824763	NA
RREB1	1028.051	-0.65387	0.186608	-3.50399	4.58E-04	0.006438
SSR1	3043.082	0.149304	0.147758	1.010461	0.312274	0.479394
RIOK1	365.4446	0.576777	0.224222	2.572353	0.010101	0.047462
NRN1	13.76436	2.549635	0.763249	3.340504	8.36E-04	NA
SLC35B3	890.373	0.523099	0.155264	3.369085	7.54E-04	0.008786
RPP40	140.7268	0.078383	0.226354	0.346286	0.729127	0.827951
ATXN1	816.1245	-0.07032	0.202974	-0.34645	0.729008	0.827945
NUP153	1386.471	-0.1878	0.144489	-1.29975	0.193687	0.348801
DEK	1148.275	1.048258	0.277064	3.783446	1.55E-04	0.003334
EEF1E1	139.0423	0.940437	0.222446	4.227712	2.36E-05	0.001014
RUNX2	65.68573	-0.22285	0.333491	-0.66825	0.503975	0.653751

OPN5	0.35636	1.709252	3.651833	0.468053	0.639746	NA
CXCL6	8.628908	-1.09391	0.755043	-1.44881	0.147392	NA
EREG	0.192403	0.975392	4.060716	0.240202	0.810174	NA
SH3TC1	18.05295	-0.86785	0.533265	-1.62743	0.103646	NA
IRF1	162.9769	-0.30376	0.26631	-1.14064	0.254021	0.418046
FAM193A	715.0561	-0.51475	0.165547	-3.10941	0.001875	0.015465
GRK4	299.3721	-0.13361	0.165216	-0.80872	0.418676	0.581671
STATH	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CANX	14632.42	0.13347	0.122047	1.093594	0.274133	0.439821
COX7C	5372.61	0.349345	0.13781	2.534975	0.011246	0.050962
MASP1	1.605125	-1.74683	1.620538	-1.07793	0.281064	NA
HRASLS	18.8955	-0.30084	0.482925	-0.62296	0.53331	NA
IDUA	244.5049	-0.06765	0.187988	-0.35986	0.718953	0.8208
FGFRL1	336.2286	0.09361	0.223355	0.41911	0.675136	0.787382
TMEM175	713.2383	-0.41232	0.154261	-2.67288	0.00752	0.039107
SRD5A3	1083.781	-0.0721	0.139194	-0.51799	0.604468	0.732942
SPINK2	10.93856	1.083652	0.802678	1.350046	0.177001	NA
RASL11B	4.157926	0.323471	1.279083	0.252893	0.800351	NA
PAICS	4041.41	0.209859	0.142215	1.475648	0.140038	0.280337
KDR	264.1325	-0.18731	0.350986	-0.53366	0.593579	0.724107
PPAT	389.8005	0.561393	0.218229	2.572494	0.010097	0.047462
ACKR4	2.853527	0.255871	1.229786	0.208062	0.835181	NA
ANAPC13	1586.94	0.213954	0.141489	1.512157	0.130494	0.26704
MBD4	413.3845	0.633082	0.178872	3.539299	4.01E-04	0.005923
PALLD	687.7807	0.507184	0.220541	2.299729	0.021464	0.079491
SPCS3	2603.816	0.51398	0.189477	2.712629	0.006675	0.035967
DCTD	2478.858	-0.20642	0.126391	-1.63321	0.102425	0.226539
EPB41L4A	262.1974	-0.03994	0.176627	-0.2261	0.821124	0.892334
CDO1	12.21506	-0.04637	0.625303	-0.07416	0.940883	NA
REEP5	3247.369	0.256004	0.142575	1.795575	0.072562	0.179101
RTN4IP1	204.0697	-0.26933	0.198485	-1.35695	0.174798	0.326835
QRSL1	574.5099	0.342338	0.149009	2.297426	0.021594	0.079801
C6orf203	305.1116	0.382318	0.18385	2.079511	0.03757	0.115179
ZSWIM6	550.9141	0.118291	0.188841	0.626408	0.531047	0.675555
POLN	42.80983	0.430584	0.344502	1.249874	0.211346	NA
PPIL4	375.4117	1.109032	0.322608	3.43771	5.87E-04	0.007468
ULBP2	74.68838	0.213466	0.305531	0.698672	0.484757	0.63832
ULBP3	19.4946	0.200218	0.466633	0.429071	0.667872	NA
LATS1	465.791	0.081967	0.251932	0.325352	0.744914	0.839379
ZNF141	46.73472	0.666205	0.417338	1.596319	0.110418	NA
SLC34A1	1.153998	-2.85566	2.193533	-1.30185	0.192966	NA
F12	10.66307	-0.20899	0.700732	-0.29824	0.765519	NA
PRR7	142.0493	-0.79685	0.349137	-2.28235	0.022469	0.081968
PDLIM4	201.8072	-0.37831	0.195454	-1.93554	0.052924	0.143837
KIF3A	508.6539	0.645408	0.341424	1.890342	0.058712	0.154812
MGAT1	8228.958	-0.38988	0.121714	-3.20325	0.001359	0.012675
GFPT2	56.40127	-0.60621	0.308688	-1.96383	0.04955	0.137692

NDUFA2	1920.867	0.131566	0.15929	0.825956	0.408829	0.572419
ANKHD1	16.1308	0.27792	0.528995	0.525373	0.599324	NA
DIAPH1	4561.391	-0.29966	0.159699	-1.87638	0.060604	0.158426
NDFIP1	3838.538	0.011493	0.148695	0.077294	0.938389	0.965761
UBE2D2	2931.053	-0.12259	0.143282	-0.8556	0.392217	0.557321
MAP1B	1708.15	0.042941	0.27318	0.157191	0.875094	0.925378
CKMT2	13.46129	0.318266	0.55988	0.568453	0.569727	NA
ZCCHC9	735.5231	0.919083	0.166189	5.530334	3.20E-08	1.65E-05
MCCC2	1393.351	-0.32709	0.133036	-2.45869	0.013944	0.05904
PRKAA1	1139.186	0.638934	0.213088	2.998452	0.002714	0.019907
CARD6	331.2424	0.281554	0.245635	1.146229	0.251701	0.415702
EEFSEC	412.6329	-0.52632	0.200603	-2.62369	0.008698	0.042987
TBC1D14	1566.596	-0.27232	0.16497	-1.6507	0.0988	0.221581
TMEM128	575.9747	0.175775	0.15858	1.10843	0.267676	0.432663
COQ3	198.5121	0.251594	0.212482	1.184074	0.236384	0.399195
PNISR	487.7329	1.257176	0.640083	1.964082	0.049521	0.137692
POPDC3	1015.02	0.346703	0.13498	2.568543	0.010213	0.047836
GRSF1	3384.141	0.023477	0.148611	0.157974	0.874477	0.925145
ENAM	0.096202	0.408546	4.079639	0.100143	0.920231	NA
IGJ	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
ANKRD17	2393.033	0.055701	0.192208	0.289795	0.771973	0.858857
UTP3	672.9604	0.265031	0.231788	1.143421	0.252864	0.4171
REEP2	363.0245	-0.14709	0.259051	-0.56781	0.570161	0.706149
PCBD2	87.42219	0.159303	0.256667	0.620661	0.534823	0.678307
DMGDH	6.088804	-0.16832	0.825402	-0.20393	0.83841	NA
BHMT2	2.924557	0.520008	1.207106	0.430789	0.666621	NA
AP3B1	1829.162	0.191014	0.134463	1.420566	0.155443	0.301206
ZBED3	526.5973	-0.36682	0.202484	-1.81159	0.070049	0.174461
DCTN4	2152.327	-0.155	0.140607	-1.10239	0.270291	0.435249
PDE6A	0.638825	1.117948	3.106359	0.35989	0.718929	NA
PDE6B	2.946864	0.225162	1.229126	0.183189	0.85465	NA
ANKRD32	148.863	1.187084	0.289098	4.106165	4.02E-05	0.001472
MED10	630.1268	0.421991	0.152694	2.763638	0.005716	0.032408
PDZD2	57.892	-1.7729	0.526817	-3.3653	7.65E-04	0.00881
ATP13A3	1478.616	0.764985	0.250567	3.053022	0.002265	0.017517
LARS	3145.771	0.397986	0.142373	2.79537	0.005184	0.030299
SPINK5	3.113539	0.860327	1.14635	0.750492	0.452958	NA
HSD17B4	3638.061	0.143709	0.154156	0.932236	0.351214	0.519158
MRPS36	480.4661	0.547465	0.152331	3.593916	3.26E-04	0.005188
CCNB1	2632.018	-0.21879	0.216204	-1.01196	0.311557	0.478921
CDK7	432.6552	0.509761	0.176807	2.883145	0.003937	0.025203
CD180	1.15657	-0.18697	1.786779	-0.10464	0.916661	NA
IL6ST	1843.407	0.945216	0.241673	3.911128	9.19E-05	0.002404
FST	74.336	0.937396	0.444438	2.10917	0.03493	0.109781
CCNH	1003.347	0.423679	0.165572	2.558887	0.010501	0.048647
DOCK2	47.82316	0.353442	0.481926	0.733394	0.463318	0.621129
TMEM165	2852.339	0.411861	0.137866	2.987404	0.002814	0.020314

CLOCK	911.9717	0.649938	0.223429	2.908928	0.003627	0.024006
PDGFRA	2.502168	-0.28004	1.24218	-0.22544	0.821633	NA
KLB	1.708254	1.515646	1.692807	0.895345	0.370603	NA
TMED7	1489.959	0.295877	0.199339	1.48429	0.137732	0.277124
APC	1045.86	0.75822	0.339678	2.232176	0.025603	0.089457
NREP	1.06329	0.285492	1.942399	0.146979	0.883149	NA
WDR36	554.3421	0.437026	0.20822	2.098864	0.035829	0.111632
ADAM19	480.5836	0.02303	0.251434	0.091596	0.927019	0.958156
HAVCR2	0.556667	0.972496	2.522454	0.385536	0.699841	NA
CCNJL	548.5122	-0.33709	0.16256	-2.07361	0.038116	0.116339
MTO1	449.6229	0.242475	0.180695	1.341907	0.179626	0.332211
BAI3	19.78432	-0.30506	0.548346	-0.55633	0.577987	NA
ANKRD6	276.8034	0.583473	0.169005	3.452398	5.56E-04	0.007215
HTR1B	0.411855	0.250456	3.097618	0.080854	0.935558	NA
KHDC1	5.685096	0.068273	0.910546	0.07498	0.940231	NA
KIAA1009	66.14402	1.026699	1.043032	0.984341	0.324948	0.492847
SYNCRIP	2621.505	0.3773	0.153031	2.465517	0.013682	0.058239
SNX14	1200.826	0.45146	0.16631	2.714566	0.006636	0.035809
NT5E	825.096	0.371044	0.257035	1.443553	0.148865	0.292187
MRAP2	118.7027	0.044262	0.255099	0.173511	0.86225	0.918473
AKIRIN2	562.2163	-0.23324	0.159577	-1.46159	0.143853	0.285467
ORC3	477.0586	0.516068	0.234826	2.197661	0.027973	0.094695
LCA5	90.00538	0.990387	0.454101	2.180982	0.029185	0.097105
MAP3K7	907.0234	0.63327	0.167731	3.775512	1.60E-04	0.003412
LTV1	458.8138	0.933933	0.250994	3.72093	1.98E-04	0.003853
MAP7	74.83942	0.311893	0.315208	0.989485	0.322426	0.490549
CD164	6422.352	0.301013	0.143475	2.098016	0.035904	0.111755
LACE1	148.5571	0.465874	0.244568	1.904885	0.056795	0.151046
NHSL1	2787.732	-0.6422	0.2002	-3.20778	0.001338	0.012526
AHI1	496.6457	1.141756	0.240054	4.756245	1.97E-06	2.46E-04
HEY2	1.359945	-0.90023	1.873741	-0.48045	0.63091	NA
PKIB	343.2161	0.52552	0.247435	2.123866	0.033681	0.107164
SMPD2	977.9126	-0.19877	0.176607	-1.12549	0.260379	0.424594
MICAL1	8511.348	-0.47893	0.189844	-2.52276	0.011644	0.052224
REPS1	907.4195	-0.24439	0.13712	-1.78231	0.074699	0.182427
STX11	73.81687	0.526668	0.282219	1.866167	0.062018	0.161078
TEC	45.44948	0.675798	0.333781	2.024675	0.042901	NA
RTP4	311.8111	-0.76817	0.269167	-2.85387	0.004319	0.026723
ACTL6A	1461.403	0.131234	0.169383	0.774778	0.438471	0.59858
NDUFB5	2469.982	0.130415	0.163152	0.799345	0.42409	0.586153
MRPL47	842.256	0.606058	0.174409	3.474931	5.11E-04	0.006892
TRA2B	2512.733	0.063978	0.149166	0.428905	0.667992	0.782205
SKIL	272.4891	1.509825	0.347654	4.342903	1.41E-05	7.65E-04
CNPY3	2537.365	-0.28201	0.189459	-1.48849	0.136622	0.275639
FOXP4	762.1052	-0.38475	0.149108	-2.58033	0.00987	0.046768
PPIL1	1091.079	7.69E-04	0.159048	0.004832	0.996145	0.99825
KLC4	517.5287	-0.25359	0.17258	-1.46943	0.141717	0.282551

KIF13A	2450.262	-0.02817	0.152391	-0.18487	0.853333	0.912938
ZSCAN9	183.0523	0.022057	0.21694	0.101674	0.919015	0.953103
PIM1	100.5421	-0.19255	0.314236	-0.61274	0.540046	0.682173
GMPR	8289.199	-0.62448	0.198142	-3.15165	0.001623	0.014248
CMTR1	2052.513	-0.3716	0.128045	-2.90212	0.003706	0.024303
TFAP2A	10099.18	-0.3289	0.163447	-2.01229	0.04419	0.128169
YIPF3	3936.3	-0.20628	0.138911	-1.485	0.137543	0.276837
TMEM14B	1002.877	0.152333	0.13593	1.120674	0.262427	0.426852
TMEM63B	2412.598	-0.27244	0.146317	-1.86199	0.062604	0.161941
FRS3	134.2992	-0.41729	0.254011	-1.6428	0.100424	0.223616
TJAP1	763.1979	-0.34568	0.142676	-2.4228	0.015401	0.063089
CAPN11	2.004414	2.249048	1.52881	1.47111	0.141261	NA
HIST1H2AB	0.833158	-0.52049	2.521552	-0.20642	0.836464	NA
KIAA0319	1.169033	-0.01411	1.776406	-0.00794	0.993662	NA
IRF4	7289.164	-0.45974	0.150859	-3.04751	0.002307	0.017728
SLC22A23	342.513	-0.11527	0.230719	-0.49962	0.617344	0.742508
TUBB2A	1144.688	-0.26589	0.188849	-1.40795	0.159147	0.306013
LRRC1	153.4008	0.416153	0.299747	1.388348	0.165031	0.313807
GCM1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FOXF2	391.5908	0.20332	0.183622	1.107272	0.268176	0.433138
BPHL	752.15	-0.27382	0.148302	-1.84638	0.064837	0.165956
RIPK1	1352.289	0.037761	0.147451	0.256091	0.797881	0.877773
TUBB2B	616.831	-0.35523	0.203214	-1.74808	0.08045	0.192131
UQCC2	1856.089	-0.0185	0.14278	-0.1296	0.89688	0.939766
HMGA1	5722.691	-0.29585	0.126465	-2.33935	0.019317	0.07385
TCF19	530.269	-0.24695	0.294961	-0.83722	0.402467	0.566889
FLOT1	7655.127	-0.13606	0.136207	-0.99895	0.317818	0.485595
IER3	1740.162	0.258519	0.255822	1.010543	0.312235	0.479394
MDC1	763.7894	-0.59991	0.1921	-3.12291	0.001791	0.015078
PGBD1	254.5109	0.337229	0.193134	1.746086	0.080796	0.192597
ATAT1	268.0798	-0.21926	0.169218	-1.29573	0.195069	0.350068
TPMT	658.5219	0.667899	0.17789	3.754566	1.74E-04	0.003555
RNF144B	326.2578	-0.58007	0.243803	-2.37927	0.017347	0.068779
NRM	386.7236	-0.49471	0.169053	-2.92638	0.003429	0.022982
MTCH1	9469.644	-0.21505	0.135212	-1.59046	0.111731	0.239914
VARS2	1222.048	-0.37671	0.148717	-2.53306	0.011307	0.051105
TAF8	666.9725	-0.14559	0.159754	-0.91131	0.362131	0.529133
FAM8A1	897.8388	0.305416	0.182501	1.673503	0.094228	0.214616
C6orf52	23.67649	0.320889	0.442615	0.724985	0.468461	NA
FGFBP2	32.34869	-1.0762	0.488783	-2.2018	0.02768	NA
CPEB2	1824.007	0.041549	0.227628	0.18253	0.855166	0.91391
FHDC1	1582.337	-0.08703	0.204249	-0.4261	0.670033	0.783821
TLR2	15.62294	-0.56405	0.578563	-0.97492	0.329602	NA
MGARP	7.20559	0.1137	0.860036	0.132203	0.894824	NA
NEK1	271.9725	0.505011	0.399236	1.264943	0.205892	0.362965
DDX60	497.2371	-0.47485	0.645767	-0.73533	0.462136	0.620315
DBR1	614.4211	0.245972	0.179291	1.371916	0.17009	0.32037

DNAJC13	4150.377	0.540752	0.230042	2.350666	0.01874	0.072294
SLC35A5	1411.092	0.287826	0.17533	1.641623	0.100668	0.223907
DIRC2	995.6766	0.05429	0.167839	0.323467	0.746341	0.840414
SENP7	193.7841	0.910518	0.329354	2.764559	0.0057	0.032354
GUCA1C	0.162376	0.424913	4.079006	0.104171	0.917034	NA
CCDC54	2.183362	0.811377	1.346294	0.602674	0.546726	NA
COX17	1004.95	0.608943	0.20786	2.929575	0.003394	0.022819
PARP9	1099.566	-0.47923	0.289449	-1.65567	0.097788	0.219811
ARHGAP24	1476.83	0.213816	0.196762	1.086676	0.27718	0.44307
FAM13A	700.4105	0.222352	0.182719	1.216902	0.223642	0.384409
HERC3	676.3502	0.112187	0.154508	0.726096	0.46778	0.624246
HERC6	972.1377	-0.63022	0.267542	-2.35558	0.018494	0.071682
HERC5	469.7823	-0.52902	0.311705	-1.69719	0.089661	0.207239
PCDH10	16.74887	-0.38463	0.540628	-0.71144	0.476809	NA
NDST4	0.613743	-0.17004	2.749758	-0.06184	0.950691	NA
C4orf21	92.20552	1.113245	0.426797	2.608369	0.009097	0.044383
AP1AR	601.1019	0.858848	0.241712	3.553185	3.81E-04	0.005726
COPS4	1246.787	0.297468	0.175701	1.693038	0.090448	0.208467
HNRNPD	3660.597	-0.22257	0.163119	-1.36446	0.172422	0.323815
RASGEF1B	41.14487	0.005266	0.397034	0.013264	0.989417	NA
SEC31A	4775.311	-0.19517	0.122688	-1.59082	0.11165	0.239791
FGF5	0.837367	2.9578	2.751439	1.075001	0.282374	NA
AGPAT9	64.69772	0.442304	0.28884	1.531313	0.125692	0.260777
FGF2	82.22987	0.597112	0.299567	1.993249	0.046234	0.132137
BBS7	439.0394	0.785773	0.243178	3.231263	0.001232	0.011864
KIAA1109	1230.49	0.527785	0.250367	2.108047	0.035027	0.10994
BMPR1B	196.9617	0.79662	0.224047	3.555591	3.77E-04	0.005688
RAP1GDS1	1545.197	0.196197	0.145178	1.351421	0.176561	0.328856
LARP1B	194.7263	0.844455	0.21947	3.847699	1.19E-04	0.002873
MMRN1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PDE5A	171.1016	0.597676	0.210078	2.845016	0.004441	0.02725
PRDM5	150.243	0.81508	0.225206	3.619263	2.95E-04	0.004874
NAAA	313.4224	0.276951	0.214136	1.293344	0.195892	0.351223
NUP54	413.2013	0.559278	0.195501	2.860749	0.004226	0.026398
CXCL9	3.232475	2.761465	1.472997	1.874725	0.060831	NA
BMP2K	524.905	0.379505	0.148793	2.550564	0.010755	0.049294
G3BP2	5611.448	0.175323	0.160929	1.089441	0.275959	0.441557
11-Sep	2090.726	0.283095	0.173437	1.632266	0.102624	0.226809
FRAS1	432.5173	-0.32108	0.290404	-1.10562	0.268892	0.433761
SCARB2	9125.7	0.300671	0.161396	1.86294	0.062471	0.161813
CCNG2	762.6128	0.119353	0.180687	0.660553	0.508899	0.657414
CNOT6L	365.828	0.338442	0.205876	1.643911	0.100195	0.223272
USO1	1324.22	0.727949	0.282959	2.572632	0.010093	0.047462
CDKL2	109.4119	0.444407	0.295937	1.501695	0.133176	0.270643
SHROOM3	5.052651	-0.2078	0.934223	-0.22243	0.823977	NA
ANXA3	117.3924	0.31964	0.480457	0.665283	0.50587	0.655061
PPA2	1495.312	0.040276	0.138799	0.290172	0.771685	0.858857

CENPE	124.8624	0.940991	1.494099	0.629805	0.528822	0.673961
GSTCD	357.7451	0.456403	0.220336	2.071392	0.038322	0.116819
INTS12	591.5285	0.297415	0.166685	1.784299	0.074375	0.182135
CASP6	325.2076	0.129911	0.178926	0.726059	0.467803	0.624246
LEF1	736.6444	-0.41307	0.179192	-2.30516	0.021158	0.07868
HADH	1373.896	-0.12676	0.139002	-0.91194	0.361802	0.52898
EGF	13.53347	0.855701	0.672352	1.272697	0.203126	NA
PAPSS1	2900.012	0.048491	0.153621	0.315655	0.752264	0.844956
SEC24B	1148.827	-0.04091	0.184798	-0.2214	0.824784	0.894421
PPP3CA	861.7073	0.372328	0.174729	2.130881	0.033099	0.106006
SLC39A8	713.8584	0.245114	0.168577	1.454018	0.145941	0.28834
MTTP	5.245513	0.635819	0.984898	0.645569	0.518559	NA
FBN2	89.40881	-0.68373	0.320071	-2.13619	0.032664	0.105198
SLC6A3	0.926585	-2.43791	2.203722	-1.10627	0.268609	NA
PLK4	218.9313	0.8069	0.228885	3.525357	4.23E-04	0.006131
SHQ1	573.0568	-0.10246	0.15591	-0.65715	0.511083	0.659182
UBA3	1401.725	0.605238	0.165856	3.649172	2.63E-04	0.004587
ARL6IP5	5228.486	0.355969	0.153343	2.321398	0.020265	0.07639
NFKBIZ	452.5361	0.619548	0.242169	2.558332	0.010518	0.048662
COL8A1	73.70996	2.128631	0.568881	3.741787	1.83E-04	0.003662
NXPE3	982.9138	0.204813	0.15533	1.318568	0.187314	0.341474
MYH15	3.144872	0.186687	1.300233	0.14358	0.885832	NA
PHLDB2	165.4758	0.071967	0.352538	0.204141	0.838244	0.903398
ABHD10	875.3908	0.304715	0.178841	1.703833	0.088412	0.205049
TAGLN3	1.159694	-0.24887	2.055096	-0.1211	0.903612	NA
PLA1A	2739.916	-0.51939	0.223842	-2.32033	0.020323	0.076558
RABL3	421.9663	0.274409	0.203347	1.34946	0.177189	0.329348
ADPRH	450.4901	-0.27704	0.254116	-1.09019	0.275628	0.441265
IGSF11	1569.744	-0.8596	0.253487	-3.39111	6.96E-04	0.008269
ATG3	1012.799	0.454049	0.149375	3.039653	0.002369	0.018039
NR1I2	6.971389	-0.57426	0.88723	-0.64725	0.517468	NA
BOC	1610.166	-0.22999	0.250098	-0.91959	0.357789	0.525131
SRPRB	1290.948	-0.1461	0.147973	-0.98737	0.323462	0.491431
TMEM108	170.9257	0.153294	0.214305	0.715306	0.47442	0.629745
AGTR1	52.92918	0.467851	0.56128	0.833544	0.404538	0.569031
MED12L	28.05565	0.055906	0.44773	0.124866	0.90063	NA
EIF2A	1549.283	0.595023	0.215857	2.756566	0.005841	0.032803
ALDH1L1	14.78697	0.302515	0.616919	0.490365	0.623876	NA
OSBPL11	431.2547	0.278183	0.163224	1.704301	0.088325	0.20491
TRPC1	180.7214	0.631771	0.27497	2.297599	0.021585	0.079801
NCEH1	476.8608	0.395208	0.184906	2.137349	0.03257	0.105021
LPP	1542.181	0.114554	0.283247	0.40443	0.685897	0.795471
TMEM44	343.0971	-0.20342	0.232763	-0.87396	0.382142	0.548263
KIAA0226	1383.432	-0.3838	0.222365	-1.72601	0.084346	0.197978
CCDC39	12.76142	1.39568	0.669058	2.086039	0.036975	NA
EAF2	24.85065	0.76581	0.463416	1.652532	0.098426	NA
TM4SF19	0.921281	-1.21902	2.226885	-0.54741	0.584096	NA

MUC4	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
SLIT2	16.36964	-0.14963	0.527046	-0.2839	0.776487	NA
EIF2B5	2083.933	0.009289	0.146161	0.063556	0.949324	0.9717
AHSG	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ECE2	263.9804	0.11486	0.210236	0.54634	0.584832	0.717944
VWA5B2	2.488483	-0.10059	1.309775	-0.0768	0.938783	NA
DGKQ	1251.686	-0.29036	0.15444	-1.88012	0.060092	0.157435
FIP1L1	711.0661	0.226565	0.163195	1.388309	0.165043	0.313807
SLC26A1	79.0613	-0.32613	0.278893	-1.16937	0.242256	0.405185
LYAR	421.7037	0.607684	0.203538	2.985606	0.00283	0.020359
CENPC	145.4515	0.859994	0.423248	2.031894	0.042164	0.124934
EPHA5	443.7734	0.40767	0.230529	1.768408	0.076993	0.186394
CORIN	2.376115	0.248207	1.301898	0.19065	0.8488	NA
ATP10D	563.9026	0.269121	0.162923	1.651834	0.098568	0.221145
OCIAD2	81.66211	-0.01915	0.325076	-0.05892	0.953012	0.974382
SLC10A4	0.911593	1.257757	2.250933	0.558771	0.576318	NA
SCD5	662.7733	-0.31505	0.229513	-1.37267	0.169855	0.320335
PLAC8	1.723043	0.159776	1.599185	0.099911	0.920415	NA
ENOPH1	1216.125	0.500055	0.145326	3.440916	5.80E-04	0.007426
TRMT10A	52.89247	1.265092	0.3766	3.359247	7.82E-04	0.008918
KLHL8	314.3254	0.530185	0.188209	2.817006	0.004847	0.028921
SNCA	5587.783	-0.01638	0.13267	-0.12346	0.901746	0.942449
PYURF	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
TBCK	568.9151	0.02442	0.194829	0.125341	0.900254	0.941637
CAMK2D	1137.57	0.076542	0.180888	0.423145	0.672189	0.785336
CISD2	652.8381	0.329265	0.15384	2.140305	0.03233	0.104486
DDIT4L	181.4765	0.263586	0.338248	0.779267	0.435822	0.596751
ANK2	1892.49	0.09389	0.220983	0.424872	0.67093	0.784483
TIFA	266.5176	0.357752	0.205062	1.744605	0.081054	0.193008
SPATA5	141.7756	0.349359	0.236447	1.477538	0.139531	0.279653
FABP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CCNA2	584.8611	-0.05685	0.236842	-0.24004	0.810302	0.886567
METTL14	308.8746	0.602359	0.233935	2.574897	0.010027	0.047283
USP53	779.8244	1.509975	0.201817	7.481911	7.32E-14	2.17E-10
SETD7	2391.91	0.345053	0.189684	1.819098	0.068896	0.172715
NAF1	276.4191	-0.1319	0.168591	-0.78236	0.434002	0.595222
1-Mar	10.03912	1.43329	0.702975	2.038892	0.041461	NA
SFRP2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPS3A	8587.193	0.359559	0.18691	1.923703	0.054392	0.146816
RNF175	0.658173	-0.01016	2.630582	-0.00386	0.996919	NA
PDGFC	33.94324	1.055077	0.399479	2.641132	0.008263	NA
CBR4	416.41	0.560636	0.227748	2.461647	0.01383	0.058681
GLRA3	0.324752	1.53082	4.022025	0.380609	0.703493	NA
CYP4V2	440.6761	0.131891	0.234987	0.561267	0.574615	0.709812
ROPN1L	3.903518	1.131075	1.067727	1.05933	0.289449	NA
NDUFS6	3049.777	-0.09315	0.141005	-0.66063	0.508849	0.657414
6-Mar	1990.495	-0.01063	0.181411	-0.05858	0.953288	0.974496

NKD2	0.823352	-0.17011	2.472341	-0.06881	0.945144	NA
CDH18	262.8343	0.409099	0.702223	0.582577	0.560178	0.698472
ADAMTS16	7.451567	0.723867	0.746061	0.970251	0.331921	NA
SRD5A1	573.0615	-0.07067	0.149434	-0.47295	0.63625	0.757303
MYO10	20587.83	-0.21191	0.156222	-1.35648	0.174947	0.326872
FAM105A	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPL37	11168.87	0.304686	0.180438	1.688591	0.091298	0.209918
SKP2	347.0685	0.058067	0.248637	0.233541	0.815341	0.889858
OSMR	202.6961	0.059802	0.256903	0.232782	0.815931	0.889858
PLK2	1019.804	-0.21185	0.239227	-0.88557	0.37585	0.542371
PIK3R1	1823.666	0.488612	0.287085	1.701978	0.08876	0.205541
LHFPL2	3299.803	0.002683	0.14161	0.018946	0.984884	0.992081
SSBP2	391.7045	-0.25882	0.177401	-1.45898	0.144569	0.286552
ANKRD31	2.11319	0.276435	1.648585	0.16768	0.866835	NA
IQGAP2	94.9362	0.126429	0.425382	0.297212	0.766305	0.854855
CRHBP	5.381714	1.095163	0.945603	1.158163	0.246797	NA
RASA1	654.8692	0.319844	0.240219	1.331467	0.183036	0.336174
LIX1	13.27377	0.626861	2.279637	0.274983	0.783329	NA
GIN1	88.89661	0.977456	0.318794	3.066102	0.002169	0.017049
PPIP5K2	1068.617	1.003378	0.291612	3.440792	5.80E-04	0.007426
PAM	5458.667	0.096655	0.131085	0.737345	0.460913	0.619023
BDP1	444.0439	1.037772	0.88803	1.168622	0.242556	0.405514
GTF2H2	28.93185	0.703049	0.43842	1.603597	0.108803	NA
SLC30A5	1072.503	0.339399	0.137365	2.470786	0.013482	0.05774
BTF3	9190.895	0.184812	0.169	1.093562	0.274147	0.439821
FBXL17	503.7685	0.140435	0.178793	0.785458	0.432185	0.593416
SPATA9	10.32549	0.172038	0.654792	0.262738	0.792753	NA
TSLP	0.614937	2.493639	2.617677	0.952615	0.340785	NA
TNFAIP8	49.02622	0.613792	0.340753	1.801285	0.071658	0.177498
FEM1C	561.2375	0.158031	0.178464	0.885504	0.375885	0.542371
COMMD10	707.2644	0.543399	0.204681	2.654857	0.007934	0.040456
ATG12	883.4816	0.535282	0.181009	2.957209	0.003104	0.021663
MEGF10	2.070895	-1.60252	1.459124	-1.09827	0.272085	NA
ADAMTS19	1.843132	-0.21958	1.589334	-0.13816	0.890117	NA
YIPF5	1522.942	0.222139	0.159757	1.390483	0.164382	0.313223
ARHGAP26	230.689	-0.13274	0.202004	-0.65711	0.511108	0.659182
CXCL14	0.623045	0.091811	2.666142	0.034436	0.97253	NA
SLC25A48	0.684273	2.627785	2.896325	0.907282	0.364257	NA
DDX46	927.8878	0.804233	0.339234	2.370731	0.017753	0.069688
RNF145	5585.615	-0.01833	0.147743	-0.12405	0.901278	0.942193
C1QTNF2	78.481	-0.30023	0.339806	-0.88354	0.376944	0.543599
GABRB2	0.47961	0.535796	3.39605	0.15777	0.874638	NA
FBXO38	997.7644	0.256116	0.1454	1.761458	0.078161	0.188276
PCYOX1L	361.4359	-0.60661	0.220903	-2.74606	0.006032	0.03358
GLRA1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TNIP1	3164.345	-0.29695	0.117808	-2.52066	0.011714	0.052388
G3BP1	4871.163	0.226728	0.150854	1.502965	0.132848	0.270093

ZNF300	140.6535	1.105695	0.270467	4.088096	4.35E-05	0.001535
N4BP3	86.40043	-0.65248	0.305114	-2.13849	0.032477	0.104859
NHP2	1731.277	-0.0178	0.176138	-0.10104	0.919517	0.953373
RMND5B	1064.106	-0.30539	0.134637	-2.26824	0.023314	0.083915
BOD1	1160.123	-0.07772	0.167198	-0.46485	0.642041	0.761812
TENM2	2.891858	-0.44544	1.348405	-0.33034	0.741141	NA
KCNMB1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
FAM50B	320.789	-0.2177	0.208183	-1.04573	0.295687	0.462999
MYLK4	27.15463	-0.02953	0.450423	-0.06557	0.947719	NA
	0.520316	2.239969	3.173769	0.705776	0.480328	NA
FAM217A	0.745706	2.741883	2.882857	0.951099	0.341554	NA
TBC1D7	7229.29	-0.10974	0.132115	-0.83062	0.406188	0.569932
FARS2	373.116	-0.1593	0.169644	-0.939	0.347733	0.515942
GFOD1	215.0347	0.033133	0.18963	0.174722	0.861298	0.917815
CDKAL1	306.3339	-0.33936	0.165852	-2.04617	0.040739	0.121776
PCDHB18	2.964225	0.463071	1.2684	0.365083	0.71505	NA
PSD2	0.919554	0.143913	2.343626	0.061406	0.951036	NA
LRRTM2	3.189542	0.027668	1.286588	0.021505	0.982843	NA
ZMAT2	1803.107	0.105024	0.14426	0.728022	0.4666	0.623684
GFRA3	161.5847	0.688918	0.410236	1.679319	0.09309	0.212923
KLHL3	65.37756	-0.41229	0.372999	-1.10535	0.269008	0.433776
DCDC2	4.198742	-0.1703	1.121114	-0.15191	0.879261	NA
SLC17A4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KAAG1	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
TRIM7	203.6431	0.12692	0.190471	0.666349	0.505188	0.654702
TRIM41	1137.115	-0.32555	0.143804	-2.26381	0.023586	0.084611
HIGD2A	1174.593	-0.1791	0.145273	-1.23285	0.217631	0.377018
FAM193B	411.7343	-0.03704	0.157253	-0.23552	0.813806	0.888941
PLA2G7	0.326536	0.037056	3.842554	0.009644	0.992306	NA
TNFRSF21	47.84048	-2.00159	0.542907	-3.6868	2.27E-04	0.004193
RNF44	984.778	-0.38487	0.18525	-2.07755	0.03775	0.115552
MUT	1136.415	0.262055	0.157556	1.663251	0.096262	0.217411
RASGEF1C	76.24601	-0.02831	0.405712	-0.06978	0.944372	0.969226
DOK3	29.20677	-0.29762	0.515517	-0.57732	0.563723	NA
ABT1	857.4315	0.07283	0.15241	0.477856	0.632753	0.754704
PPP1R18	2890.875	-0.26359	0.149202	-1.76669	0.077281	0.186896
DAAM2	4306.607	-0.63718	0.129764	-4.91028	9.09E-07	1.53E-04
PRIM2	345.1993	-0.07216	0.191388	-0.37705	0.706138	0.811641
MLIP	768.3848	0.064324	0.174545	0.368525	0.712482	0.8164
FGD2	0.488709	2.119056	3.307564	0.64067	0.521737	NA
SCUBE3	37.16674	0.033668	0.440854	0.076369	0.939125	NA
CRIP3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TTBK1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TCTE1	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
RPL7L1	2283.883	0.073203	0.139956	0.523046	0.600943	0.730247
NFKBIE	563.3411	-0.31642	0.147612	-2.1436	0.032065	0.103843
CYP39A1	51.56842	0.218428	0.381601	0.572399	0.567052	0.704045

TPBG	467.2463	0.222764	0.217066	1.02625	0.304774	0.472114
IRAK1BP1	56.24664	0.356173	0.311717	1.142618	0.253197	0.417418
PHIP	468.7759	0.828597	0.327738	2.528227	0.011464	0.051636
PRSS35	22.94127	3.015514	0.969289	3.111057	0.001864	NA
MMS22L	173.8513	0.538959	0.277509	1.942135	0.052121	0.142371
FAXC	290.352	0.13115	0.176145	0.744556	0.45654	0.615032
GABRR1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PNRC1	1919.405	-0.17031	0.163127	-1.04406	0.296456	0.463653
PM20D2	110.1867	0.217707	0.423859	0.513631	0.60751	0.73511
RARS2	950.6124	0.484751	0.168287	2.880495	0.003971	0.025354
SCML4	0.488709	2.119056	3.307564	0.64067	0.521737	NA
TBC1D32	109.775	0.835717	0.39803	2.099631	0.035761	0.111536
RNF217	265.3884	0.453821	0.198607	2.285015	0.022312	0.081613
RSPO3	2.84792	3.695545	1.702753	2.170336	0.029981	NA
ARHGAP18	810.6299	0.605959	0.174004	3.482452	4.97E-04	0.006762
ABRACL	1823.772	0.49918	0.176253	2.832184	0.004623	0.027963
SLC18B1	5252.647	0.018863	0.166901	0.113022	0.910013	0.947811
MTFR2	199.7819	0.305228	0.320082	0.953592	0.34029	0.508571
SLC2A12	7.035025	0.89405	0.827917	1.07988	0.280196	NA
SHPRH	298.5076	0.672029	0.321372	2.091125	0.036517	0.113179
AIG1	1061.021	-0.00111	0.138495	-0.00801	0.993611	0.997229
LPHN3	1.883489	1.441511	1.673794	0.861224	0.389115	NA
GPM6A	6.506648	-0.09909	0.859511	-0.11528	0.90822	NA
WDR17	185.7493	0.759378	0.289326	2.624645	0.008674	0.042935
SPATA4	0.642189	0.046766	2.378271	0.019664	0.984311	NA
VEGFC	21.71695	1.061272	0.648579	1.636303	0.101776	NA
MTMR12	1100.552	-0.08825	0.159682	-0.55268	0.58048	0.714368
CCT5	6107.063	0.051458	0.143352	0.35896	0.719625	0.82133
FAM173B	328.5823	0.297174	0.182251	1.630573	0.10298	0.227301
SEC24D	1240.302	-0.02563	0.138811	-0.18464	0.853512	0.912964
SLC7A11	1559.872	0.9599	0.303544	3.162305	0.001565	0.0139
CCRN4L	107.3758	-0.62613	0.271021	-2.31026	0.020874	0.077988
EIF4E	491.8587	0.429137	0.198078	2.166505	0.030273	0.099745
CSNK1G3	542.9633	0.744333	0.259643	2.866756	0.004147	0.026026
SRFBP1	242.9587	0.942384	0.277725	3.393227	6.91E-04	0.00825
ADAMTS12	7.096302	0.026427	0.75083	0.035197	0.971923	NA
FER	674.3186	0.744321	0.572941	1.299123	0.193902	0.348953
ANKRD50	1829.84	0.713319	0.22142	3.221573	0.001275	0.01212
SCLT1	142.8032	0.580376	0.327614	1.771526	0.076473	0.185473
C4orf33	282.5549	0.683616	0.226642	3.016278	0.002559	0.019152
QDPR	5749.907	-0.31168	0.128465	-2.42616	0.01526	0.062814
QTRTD1	761.5902	0.347581	0.187349	1.855266	0.063558	0.163694
DRD3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MMAA	107.4261	0.417409	0.26162	1.59548	0.110605	0.238534
ZNF827	506.2869	-0.05505	0.196712	-0.27983	0.77961	0.864814
EDNRA	1.009228	2.053856	2.077371	0.98868	0.322819	NA
NR3C2	29.03244	-0.14743	0.425377	-0.34659	0.728903	NA

WWC2	889.3041	0.678168	0.253209	2.678291	0.0074	0.03868
CENPU	246.9855	1.061019	0.23281	4.557444	5.18E-06	4.24E-04
ACSL1	5069.824	-0.05382	0.131046	-0.41071	0.681282	0.792212
SLC25A4	2917.222	0.076804	0.123476	0.622019	0.533929	0.677629
TDO2	1.266226	2.422108	1.957907	1.237091	0.216053	NA
GUF1	532.2683	0.431601	0.239058	1.805421	0.071009	0.176295
FBXO4	145.6156	0.108046	0.250117	0.431981	0.665755	0.780588
C5orf28	264.3541	0.742636	0.203862	3.642837	2.70E-04	0.004608
CCL28	722.8642	0.095649	0.205168	0.466198	0.641074	0.761059
PARP8	826.434	0.408714	0.152854	2.673887	0.007498	0.039071
DST	2635.288	1.12501	0.756727	1.486679	0.1371	0.276319
BEND6	66.6934	1.707211	0.374627	4.5571	5.19E-06	4.24E-04
RBM46	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SCHIP1	12.00245	0.450707	0.605758	0.744037	0.456854	NA
GRID2	3.163758	1.939479	1.228603	1.578606	0.114427	NA
ATG10	164.1611	0.261442	0.221817	1.178636	0.238543	0.401466
POC5	215.1608	0.334934	0.20352	1.645701	0.099825	0.223192
SPOCK1	172.5714	-0.03212	0.219397	-0.14639	0.883612	0.931048
FAM151B	47.49691	0.732887	0.325793	2.24955	0.024478	0.086673
JMY	394.2831	0.663458	0.2596	2.555694	0.010598	0.048904
HOMER1	237.9869	0.647577	0.263774	2.455042	0.014087	0.059494
XRCC4	119.0719	0.93819	0.26959	3.480063	5.01E-04	0.006784
CCDC50	3073.596	0.240066	0.149427	1.606579	0.108147	0.234942
CAMK4	0.563552	-0.48645	2.808029	-0.17324	0.862465	NA
TRIM36	91.59458	0.344205	0.282046	1.220388	0.222318	0.382911
IGSF10	39.39773	-0.74756	0.416618	-1.79435	0.072758	NA
SPEF2	24.48949	1.014083	0.53766	1.886104	0.059281	NA
SPARCL1	41.59974	-0.43226	0.579121	-0.7464	0.455425	NA
MBNL1	1572.814	0.707156	0.264507	2.673482	0.007507	0.039084
NADK2	211.7854	0.526692	0.307669	1.711882	0.086918	0.20236
GJA1	275.4418	-1.09152	0.380159	-2.8712	0.004089	0.025773
CCNO	20.73795	0.759941	0.578924	1.312679	0.189291	NA
DDX4	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PELO	695.4569	0.03544	0.15485	0.228864	0.818974	0.89171
SAR1B	1631.064	0.388506	0.156856	2.476838	0.013255	0.057233
CATSPER3	0.774742	-0.40577	2.223483	-0.18249	0.855195	NA
HNRNPDL	3112.954	0.465876	0.152379	3.057362	0.002233	0.017347
UTRN	2839.337	0.533488	0.252849	2.109907	0.034866	0.109623
GRM1	70.11977	0.32482	0.402454	0.807099	0.419609	0.582695
PTPRK	1056.031	-0.02646	0.135781	-0.19487	0.845497	0.908091
PART1	16.94883	-0.46589	0.563425	-0.82689	0.408299	NA
RAB3C	14.37188	0.483996	0.626721	0.772268	0.439956	NA
MARVELD2	19.12094	-0.45405	0.475549	-0.9548	0.33968	NA
RAD17	617.2103	0.664052	0.220684	3.009064	0.002621	0.019392
PLOD2	1142.913	0.83262	0.238716	3.487909	4.87E-04	0.00668
STK32B	664.2673	0.118103	0.242129	0.487769	0.625713	0.748948
ZIC1	0.096202	0.408546	4.079639	0.100143	0.920231	NA

GPR125	1535.655	-0.19413	0.249519	-0.77801	0.436564	0.597215
CPB1	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
SREK1IP1	251.953	0.970251	0.290575	3.339067	8.41E-04	0.00931
LGI2	8.395325	1.036955	1.047288	0.990133	0.322109	NA
CWC27	241.5609	0.796896	0.373328	2.134576	0.032796	0.10553
SRP19	229.0299	0.650085	0.198671	3.272165	0.001067	0.010822
CENPH	183.1761	0.504174	0.209877	2.402234	0.016295	0.065864
CDYL	1279.85	-0.00662	0.131144	-0.05046	0.959758	0.977906
BANK1	4.241892	-0.00716	1.133692	-0.00631	0.994964	NA
DAB2	7242.497	-0.26849	0.117482	-2.28533	0.022293	0.081595
CAST	4096.956	0.39877	0.138022	2.889172	0.003863	0.024886
SCOC	1219.261	1.093085	0.244494	4.470803	7.79E-06	5.40E-04
CLGN	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
CETN3	203.1394	0.687815	0.242284	2.838877	0.004527	0.027525
SMARCA5	1769.683	0.753773	0.303179	2.48623	0.01291	0.056209
SYCP2L	0.815245	1.670886	2.214146	0.754641	0.450464	NA
BMP6	0.584911	2.38756	2.690807	0.887303	0.374916	NA
SLC25A27	33.87473	0.751727	0.484318	1.552135	0.12063	NA
FAM81B	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LPCAT1	3159.837	-0.6141	0.17293	-3.55116	3.84E-04	0.005756
PLEKHG4B	6.93878	0.940799	0.83421	1.127773	0.259416	NA
GTF2E1	338.2598	0.040625	0.196001	0.207267	0.835801	0.901643
TMPRSS11I	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SREK1	506.83	1.054619	0.678801	1.553649	0.120268	0.252484
CHD1	795.4362	1.116642	0.34969	3.193234	0.001407	0.01301
ZUFSP	181.9238	0.656741	0.24166	2.717628	0.006575	0.035561
NUS1	507.8634	0.313908	0.179811	1.745764	0.080852	0.192625
C6orf57	343.3996	-0.12015	0.222435	-0.54014	0.589103	0.721298
ANKH	614.7304	0.0215	0.164121	0.130999	0.895776	0.939107
FAM105B	470.5899	0.187163	0.159117	1.176264	0.239489	0.402773
FAM134B	141.5294	0.161199	0.233425	0.690581	0.489829	0.642357
CDH12	0.612365	-1.10341	2.696105	-0.40926	0.682349	NA
TOMM70A	1427.18	0.399811	0.21708	1.841764	0.06551	0.166907
ABI3BP	2.592056	0.786877	1.28561	0.612065	0.540495	NA
ENPP3	6.365945	-0.65205	1.028194	-0.63417	0.525968	NA
C4orf19	23.97933	-1.36613	0.562823	-2.42728	0.015213	NA
UCHL1	1808.745	0.166538	0.18351	0.907516	0.364134	0.531495
TNIK	970.7036	0.210834	0.152251	1.38478	0.16612	0.315242
SH3RF1	447.5064	0.19713	0.186608	1.056386	0.290792	0.45777
SRSF12	17.2774	0.246109	0.544029	0.452382	0.650994	NA
PDLIM3	696.2998	0.326499	0.24294	1.343951	0.178964	0.331503
SORBS2	2184.821	0.096181	0.17954	0.535711	0.592158	0.7233
CEP170P1	81.98693	0.321106	0.427282	0.751508	0.452347	0.611259
RAB6B	609.5973	-0.31183	0.166786	-1.86967	0.061529	0.160095
EPHB1	27.50757	-0.63658	0.458191	-1.38934	0.164729	NA
DKK2	3.746069	0.490952	1.093864	0.448824	0.653559	NA
CYP2U1	4652.762	0.342659	0.178568	1.918928	0.054993	0.147867

AK9	129.5272	0.502674	0.25491	1.971969	0.048613	0.136179
CDK19	839.0945	0.087101	0.188177	0.462865	0.643461	0.762832
GTF3C6	1268.39	0.061629	0.184075	0.334806	0.737772	0.833932
MARCKS	10174.86	-0.04299	0.204367	-0.21037	0.833377	0.900035
TRMT44	298.6034	-0.27094	0.18257	-1.48405	0.137796	0.277148
GRAMD3	588.5789	0.307252	0.231443	1.327552	0.184326	0.337654
ZCCHC10	218.2068	0.988704	0.235158	4.204418	2.62E-05	0.001085
LARP1	7194.05	-0.51355	0.148269	-3.46366	5.33E-04	0.007027
CNOT8	1139.427	0.155598	0.173369	0.897494	0.369455	0.536481
GRIA1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SETD9	307.6763	0.061431	0.189251	0.324602	0.745482	0.839686
MIER3	461.3175	0.712608	0.263374	2.70569	0.006816	0.036449
PPARGC1B	493.1843	-0.4358	0.159231	-2.73691	0.006202	0.034086
SLC26A2	1164.325	0.362841	0.177945	2.039062	0.041444	0.123384
LSM11	405.726	0.052891	0.166961	0.316788	0.751404	0.844591
MED7	181.8759	0.320184	0.197874	1.618121	0.105637	0.23144
ACPL2	156.8359	0.153118	0.209123	0.732188	0.464054	0.621482
RASA2	255.3939	0.821909	0.244613	3.36003	7.79E-04	0.008909
RAET1L	0.774888	-2.09879	2.346327	-0.8945	0.371054	NA
DCK	572.6862	0.382188	0.184749	2.068692	0.038575	0.117311
ADAMTS3	19.23739	-0.36101	0.558232	-0.6467	0.517825	NA
PPEF2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ART3	5.636294	0.974853	0.938581	1.038645	0.29897	NA
CXCL13	2.435167	-0.1181	1.474488	-0.08009	0.936164	NA
FGF18	2.049579	0.21725	1.39331	0.155924	0.876093	NA
PCDH1	964.1774	0.281128	0.297786	0.94406	0.345139	0.51312
SH3RF2	2.486545	-0.37573	1.244864	-0.30183	0.762784	NA
PPP2R2B	49.17611	-0.01139	0.347522	-0.03277	0.973857	0.985496
EEF1A1	108801.4	0.133883	0.156838	0.853637	0.393306	0.558333
CD109	5961.479	0.240334	0.193402	1.242665	0.213991	0.37274
ZFAND3	2622.845	-0.28855	0.1185	-2.43503	0.01489	0.061701
MAPK13	1.680813	-0.20962	1.673961	-0.12522	0.900347	NA
VPS8	1399.483	0.148535	0.181029	0.820503	0.41193	0.575044
EIF4A2	6824.409	0.259475	0.171643	1.511714	0.130607	0.267063
FCHO2	440.7108	1.010114	0.317314	3.183324	0.001456	0.013326
TMEM171	1777.579	0.148867	0.23888	0.623185	0.533163	0.677164
ARMC12	2.192644	0.820157	1.628928	0.503495	0.614616	NA
KIT	5435.243	0.21034	0.154769	1.359051	0.17413	0.326179
AASDH	284.7203	0.361098	0.219522	1.644932	0.099984	0.223198
AFAP1L1	1958.331	0.050753	0.161267	0.314711	0.752981	0.845641
SLC35B2	5069.767	-0.37642	0.13081	-2.87764	0.004007	0.025436
SLC34A2	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
WDR19	736.9108	0.392443	0.191744	2.046699	0.040688	0.121674
RAB28	343.5707	0.247536	0.176732	1.400633	0.161324	0.308965
NCK1	698.2924	0.61733	0.152888	4.037792	5.40E-05	0.001726
DZIP1L	139.1463	0.188938	0.229952	0.82164	0.411282	0.574631
MRAS	2747.39	-0.14416	0.16727	-0.86186	0.388767	0.554243

ESYT3	13.38499	-0.09851	0.676531	-0.1456	0.884234	NA
FAIM	201.5815	0.491094	0.251357	1.953772	0.050728	0.140019
CLSTN2	3.463713	0.232996	1.229333	0.189531	0.849677	NA
HIST1H2BD	104.2642	0.424816	0.820041	0.518042	0.604429	0.732942
CDC25C	168.9608	-0.32333	0.289546	-1.11667	0.264137	0.428684
HIST1H4H	29.22609	0.684803	0.571391	1.198484	0.230729	NA
NRG2	49.82936	-0.64463	0.313474	-2.05641	0.039743	0.119837
ZSCAN12	200.5056	0.628426	0.224025	2.805163	0.005029	0.029751
CDC42SE2	682.7305	0.189958	0.182018	1.043624	0.29666	0.463665
RAPGEF6	110.427	0.641858	0.24473	2.622721	0.008723	0.043052
SPON2	332.5022	-0.28516	0.323023	-0.8828	0.377346	0.543904
CHCHD6	1610.213	-0.67761	0.262561	-2.58079	0.009858	0.046728
CTBP1	3638.445	-0.35405	0.151318	-2.33977	0.019296	0.073814
ZFYVE28	574.348	-0.20775	0.202956	-1.02362	0.306013	0.473169
RGS12	3432.92	-0.33655	0.152619	-2.20514	0.027444	0.093545
CCDC58	218.8027	0.495006	0.220083	2.249178	0.024501	0.086705
KALRN	70.76813	-0.65568	0.373321	-1.75635	0.079028	0.189689
FGFR4	40.85482	-0.32583	0.33639	-0.9686	0.332742	NA
HK3	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
C5orf45	211.8835	0.234321	0.201907	1.160537	0.24583	0.409012
SQSTM1	11889.11	-0.37621	0.134254	-2.80225	0.005075	0.029923
MGAT4B	7138.442	-0.2177	0.118165	-1.84237	0.065421	0.166897
MAML1	854.4968	-0.33755	0.148639	-2.27097	0.023149	0.083463
SCGB3A1	1.275914	0.876396	1.883164	0.465385	0.641656	NA
DVL3	4378.442	-0.40322	0.148445	-2.71628	0.006602	0.035673
AP2M1	16903.29	-0.2695	0.136177	-1.97904	0.047812	0.134794
ABCF3	1812.736	-0.27038	0.145894	-1.85327	0.063843	0.164285
PCYT1A	2693.224	-0.11496	0.141672	-0.81147	0.417098	0.580188
BDH1	1092.31	-0.29505	0.135218	-2.18204	0.029106	0.09701
IP6K3	361.8185	-0.70079	0.264676	-2.64771	0.008104	0.040934
LEMD2	1661.479	-0.1658	0.164108	-1.01032	0.312344	0.479394
TREML1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
ADCY10P1	34.59204	1.059848	0.39452	2.686423	0.007222	NA
MT2P1	0.614937	2.493639	2.617677	0.952615	0.340785	NA
SGCB	2682.596	0.312424	0.148807	2.099519	0.035771	0.111538
SPATA18	702.3294	0.060447	0.233978	0.258345	0.796141	0.87685
SMARCAD1	607.5536	0.911518	0.319498	2.852967	0.004331	0.026758
PDLIM5	1152.811	0.406054	0.146769	2.766614	0.005664	0.032237
STPG2	0.91323	0.960961	2.376661	0.404332	0.685968	NA
MSX1	20.83135	0.298283	0.455936	0.654222	0.512969	NA
PACRGL	297.1313	0.372231	0.177462	2.097528	0.035947	0.111821
C1QTNF7	0.260158	1.240347	4.047124	0.306476	0.759242	NA
DCAF16	623.8862	-0.04631	0.185312	-0.24989	0.802676	0.881739
GNPDA2	321.743	0.620745	0.202751	3.061607	0.002202	0.01722
GABRB1	5.906067	0.777578	0.843832	0.921484	0.356798	NA
PAQR3	455.38	0.485984	0.178344	2.724988	0.00643	0.035001
NIPAL1	25.34972	0.621742	0.499736	1.24414	0.213448	NA

ANTXR2	402.7761	-0.11654	0.173184	-0.67292	0.500999	0.65153
HELQ	247.5924	0.628947	0.235413	2.671678	0.007547	0.039226
MRPS18C	424.63	0.425725	0.150317	2.832181	0.004623	0.027963
CGGBP1	3239.922	0.30968	0.156843	1.974452	0.04833	0.135643
FAM175A	162.499	0.50658	0.297876	1.700641	0.08901	0.205977
CLDN1	222.4245	0.449786	0.265539	1.693862	0.090292	0.20825
LMOD3	1.035891	3.235292	2.200744	1.47009	0.141537	NA
POGLUT1	486.01	-0.00653	0.194008	-0.03367	0.973138	0.985082
SLC15A2	5.060003	1.367331	0.976149	1.40074	0.161292	NA
EIF4E3	109.8803	-0.25669	0.264734	-0.96962	0.332234	0.500589
LRRC58	1216.64	0.689872	0.280285	2.461324	0.013843	0.058713
FSTL1	10886.33	-0.6072	0.22157	-2.74045	0.006136	0.03389
IGFBP7	10727.36	0.156532	0.138849	1.127358	0.259591	0.423892
KIAA1524	189.6839	1.065579	0.297972	3.576099	3.49E-04	0.005433
SERPINI1	593.1174	1.599938	0.332393	4.813399	1.48E-06	2.07E-04
PRKCI	402.7725	0.666113	0.206198	3.230448	0.001236	0.011864
EIF5A2	605.5823	0.652999	0.160066	4.079571	4.51E-05	0.001553
RPL22L1	2149.042	0.57666	0.188357	3.061536	0.002202	0.01722
PPM1L	288.9294	0.076742	0.205557	0.373336	0.708899	0.813788
RYBP	964.3564	0.310009	0.20107	1.541802	0.123122	0.257064
PPP4R2	846.9277	0.687087	0.218046	3.151115	0.001626	0.014249
GTPBP8	325.19	0.337275	0.175351	1.923425	0.054427	0.146868
C3orf17	1119.188	0.429715	0.157308	2.731682	0.006301	0.034456
SPICE1	282.6119	0.521067	0.200593	2.597633	0.009387	0.045248
FAM86KP	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
KIAA1407	42.08893	0.66245	0.491986	1.346481	0.178147	NA
NKX6-1	0.327913	1.543154	4.021063	0.383768	0.701151	NA
CDS1	14.83017	0.30337	0.729897	0.415633	0.677678	NA
WDFY3	1624.758	0.173916	0.147921	1.175735	0.239701	0.4029
COX18	534.8009	-0.25075	0.149522	-1.67704	0.093534	0.213528
PTPN13	1158.875	0.274635	0.252461	1.087832	0.276669	0.442514
C4orf36	94.33649	0.406655	0.264226	1.539041	0.123794	0.258104
PPM1K	318.9855	0.238899	0.238037	1.00362	0.315562	0.482895
FAM194A	1.486027	0.48257	1.621445	0.297617	0.765995	NA
GMPS	1513.283	0.113576	0.150733	0.753493	0.451154	0.610412
TIPARP	1517.172	0.388422	0.15649	2.482095	0.013061	0.056594
CCNL1	685.4511	0.984731	0.177373	5.551737	2.83E-08	1.52E-05
PTX3	39.08182	0.126675	0.35358	0.358265	0.720145	NA
RPL9	9714.425	0.30183	0.166186	1.816223	0.069336	0.173413
SMIM14	235.5512	-0.0027	0.214731	-0.0126	0.98995	0.995239
RBM47	2.740661	2.242175	1.490258	1.504554	0.132439	NA
APBB2	837.3169	-0.20127	0.192758	-1.04415	0.296415	0.463649
PCOLCE2	112.9084	0.126779	0.286317	0.442792	0.657916	0.774307
U2SURP	657.4868	0.967063	0.606636	1.59414	0.110905	0.23892
TTC14	279.7145	1.268258	0.337147	3.76174	1.69E-04	0.003497
CXCL3	27.77847	-0.83034	0.436548	-1.90206	0.057163	NA
CXCL5	63.65826	-1.28692	0.600167	-2.14427	0.032011	0.103742

PF4	8.866015	0.100663	0.692627	0.145336	0.884446	NA
MTHFD2L	102.9254	0.659549	0.243223	2.711705	0.006694	0.035989
CXCL1	162.2694	-0.76792	0.775766	-0.98989	0.32223	0.490321
RCHY1	439.0293	0.399664	0.172547	2.316261	0.020544	0.077121
PLSCR2	0.326333	1.533889	3.826878	0.40082	0.688553	NA
CCDC158	2.068374	1.106444	1.590177	0.695799	0.486554	NA
GYG1	1873.187	-0.13505	0.162247	-0.83236	0.405207	0.569433
HPS3	1367.697	0.013923	0.163558	0.085128	0.93216	0.96152
TM4SF18	7.859517	0.595821	0.77924	0.764618	0.444499	NA
TOPBP1	1059	0.63414	0.17283	3.669156	2.43E-04	0.004384
RYK	1008.878	0.361428	0.168749	2.141804	0.032209	0.104129
DTX3L	1050.591	-0.69146	0.231234	-2.99031	0.002787	0.020207
ZNF148	610.3889	0.728113	0.242515	3.002339	0.002679	0.019691
NMNAT3	1.140347	0.579353	2.036091	0.284542	0.775995	NA
TPRA1	1078.531	-0.19903	0.15264	-1.30391	0.192265	0.34682
YEATS2	1703.776	-0.0753	0.132397	-0.56875	0.569526	0.705805
POLR2H	1237.031	0.065964	0.164484	0.401035	0.688395	0.797432
KLF15	341.7243	-0.12219	0.214331	-0.57009	0.568616	0.70534
CCDC37	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
CAMK2N2	22.61937	0.242599	0.490572	0.494523	0.620937	NA
LIPH	1.381958	0.900194	1.866056	0.482405	0.629519	NA
TMEM41A	405.8939	-0.12628	0.180497	-0.6996	0.484178	0.63777
RPN1	7239.93	-0.22817	0.143515	-1.58984	0.11187	0.240128
SENP2	1217.346	0.171044	0.168062	1.017743	0.3088	0.476128
IFT122	546.7114	-0.44309	0.142899	-3.10073	0.00193	0.015794
C3orf65	0.394291	0.298745	3.141711	0.09509	0.924243	NA
RFC4	355.5224	0.498434	0.18452	2.701245	0.006908	0.036774
RPL39L	674.1131	-0.08813	0.244306	-0.36074	0.718292	0.820342
UVSSA	202.2431	-0.07135	0.181771	-0.39252	0.694677	0.80314
SLBP	1248.667	0.231359	0.13063	1.7711	0.076544	0.185607
LRPAP1	5739.542	-0.3353	0.154274	-2.17343	0.029748	0.098482
ZDHHC19	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
SLC51A	52.2442	-0.18801	0.30573	-0.61494	0.538592	0.681093
UBXN7	851.5121	0.157056	0.181896	0.863434	0.387899	0.553708
RNF168	297.9749	0.245636	0.200342	1.226088	0.220166	0.379921
PIGX	649.4408	0.334321	0.186433	1.793255	0.072932	0.179865
MFI2	3565.531	-1.03036	0.241686	-4.26323	2.01E-05	9.36E-04
S100P	0.928019	-0.78227	2.07134	-0.37767	0.705679	NA
ABLIM2	1.706702	-0.21718	1.592383	-0.13639	0.891516	NA
AIMP1	575.2155	0.812461	0.210536	3.859011	1.14E-04	0.002777
SGMS2	268.9839	0.608785	0.178054	3.419099	6.28E-04	0.007783
METAP1	1153.192	0.134209	0.148859	0.901586	0.367277	0.534385
DNAJB14	744.8993	1.058441	0.338895	3.123212	0.001789	0.015078
H2AFZ	12500.49	-0.03078	0.135912	-0.22646	0.820845	0.892334
EMCN	2.334113	1.474346	1.633851	0.902375	0.366858	NA
SLC9B1	20.436	0.147126	0.462818	0.317893	0.750566	NA
SLC9B2	723.7026	0.011718	0.146778	0.079833	0.93637	0.964437

BDH2	510.1394	0.513514	0.154929	3.314523	9.18E-04	0.009804
PGRMC2	2354.341	-0.02339	0.199426	-0.11727	0.906643	0.945876
SPRY1	79.10515	-0.31104	0.266954	-1.16515	0.243959	0.406712
INTU	59.00657	0.531117	0.302567	1.755371	0.079196	0.190015
HSPA4L	66.70433	0.722915	0.371118	1.947936	0.051423	0.141213
MFSD8	203.4554	0.585983	0.206588	2.836487	0.004561	0.027674
C4orf29	130.1138	0.543605	0.225131	2.414617	0.015752	0.064127
ETNPPL	1.51293	0.51091	1.562353	0.327013	0.743658	NA
PITX2	1.668624	0.880224	1.734128	0.507589	0.611742	NA
C4orf3	4981.146	0.250485	0.140091	1.788019	0.073773	0.181081
PRSS12	508.2437	0.136215	0.151974	0.896306	0.370089	0.536887
NDST3	7.875792	1.997371	0.792217	2.521244	0.011694	NA
HMGB2	768.6242	0.489864	0.185208	2.644948	0.00817	0.041164
SAP30	503.3826	0.349114	0.192092	1.81743	0.069151	0.173097
SCRG1	156.7591	1.462319	0.326842	4.474084	7.67E-06	5.35E-04
HAND2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MAD2L1	795.0097	0.263854	0.218974	1.204957	0.22822	0.389884
ANXA5	42900.68	0.119441	0.136735	0.873521	0.382379	0.54847
TMEM155	0.724348	0.185001	2.57534	0.071836	0.942733	NA
MAP9	81.08385	1.132944	0.962596	1.176967	0.239209	0.402358
FBXO8	553.4821	0.527154	0.181965	2.897002	0.003767	0.024487
CEP44	123.0098	0.996653	0.291906	3.414301	6.39E-04	0.007848
HPGD	4442.402	0.671996	0.304148	2.209433	0.027145	0.092684
C4orf45	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
TMEM144	77.57131	-0.43181	0.317735	-1.35903	0.174136	0.326179
FAM198B	84.47556	-1.27014	0.922498	-1.37684	0.16856	0.318655
NPY1R	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NAA15	802.7047	0.668599	0.299085	2.235482	0.025386	0.088933
IL15	22.25475	-0.13625	0.588141	-0.23166	0.816802	NA
FAM160A1	5.283286	-0.20458	0.990655	-0.20651	0.836396	NA
ARFIP1	996.4539	0.675829	0.196539	3.438659	5.85E-04	0.007457
KIAA0947	920.0421	0.664138	0.232203	2.860158	0.004234	0.026417
HHIP	0.670433	1.255281	2.356401	0.532711	0.594234	NA
ANAPC10	138.5543	0.701014	0.244971	2.861614	0.004215	0.026354
ABCE1	1326.682	0.731129	0.170688	4.283426	1.84E-05	8.78E-04
OTUD4	740.7418	0.308702	0.168479	1.832281	0.06691	0.169092
LSM6	243.2718	0.350409	0.208979	1.67677	0.093588	0.213567
TMEM184(	976.9107	0.15715	0.155275	1.012074	0.311503	0.478908
PRMT10	239.0836	0.368338	0.233208	1.579443	0.114235	0.243483
ITGA2	511.0964	0.978187	0.28996	3.373526	7.42E-04	0.008681
MOCS2	955.9294	0.703344	0.205395	3.424352	6.16E-04	0.007731
SLC45A2	721.591	-1.10617	0.266774	-4.14647	3.38E-05	0.001308
EDIL3	0.288605	1.443619	4.029058	0.358302	0.720117	NA
TMEM161E	355.5636	0.752802	0.19797	3.802614	1.43E-04	0.003156
ELOVL7	5.583458	0.466374	0.891437	0.523171	0.600855	NA
NDUFAF2	411.3333	0.680467	0.239875	2.836755	0.004557	0.027664
ZNF474	1.043999	1.178957	2.24578	0.524966	0.599607	NA

LMBRD2	258.0998	0.792297	0.23324	3.396919	6.81E-04	0.008177
RANBP3L	0.9715	2.024222	2.39445	0.845381	0.397898	NA
NIPBL	661.1087	0.644866	0.659009	0.978539	0.327808	0.495937
RNF180	128.1117	0.909486	0.286121	3.178672	0.00148	0.013453
GPR98	3.984775	0.074762	1.017175	0.0735	0.941408	NA
SLC25A46	1397.25	0.555635	0.206455	2.691318	0.007117	0.037572
STARD4	557.2878	0.818741	0.255866	3.199881	0.001375	0.012783
PGGT1B	263.3706	0.421581	0.252382	1.670408	0.094839	0.215442
F2RL2	0.787148	-0.70094	2.357021	-0.29738	0.766174	NA
CCDC112	110.9962	0.669377	1.014149	0.660038	0.50923	0.657545
ANKRD33B	0.72077	0.527966	3.060238	0.172524	0.863025	NA
CMBL	928.3009	-0.25884	0.145711	-1.77637	0.075673	0.184058
C5orf63	22.55941	0.174111	0.440381	0.395364	0.692574	NA
PRRC1	1413.824	0.074937	0.183998	0.40727	0.68381	0.794294
F2RL1	0.719393	-0.9644	2.652838	-0.36354	0.716204	NA
AGGF1	746.7095	0.950763	0.236431	4.021304	5.79E-05	0.001791
WDR41	1347.965	0.259234	0.159901	1.621214	0.104972	0.230452
NDUFS4	942.7826	0.403883	0.207656	1.944962	0.05178	0.141718
SPINK1	8.479087	1.15163	0.747713	1.540202	0.123511	NA
HTR4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GRPEL2	245.5394	0.473802	0.215561	2.197994	0.02795	0.094666
CDC20B	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
ARSK	340.0583	0.917756	0.226076	4.059495	4.92E-05	0.001622
RHOBTB3	1657.501	0.45527	0.212304	2.144429	0.031999	0.103731
GPX8	1725.397	0.416888	0.152166	2.739698	0.00615	0.03389
TIGD6	174.2259	0.219091	0.223487	0.980333	0.326922	0.495092
SERINC5	914.3312	-0.31436	0.147638	-2.12924	0.033234	0.106198
CAGE1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
CASP3	638.055	0.984598	0.228642	4.306282	1.66E-05	8.32E-04
PRIMPOL	202.1393	0.536625	0.230829	2.324773	0.020084	0.075965
ERAP1	1258.953	-0.20235	0.131842	-1.53477	0.12484	0.259646
ERAP2	90.71468	0.267815	0.325763	0.822117	0.411011	0.57432
CMYA5	6.008879	-0.63929	0.824285	-0.77557	0.438004	NA
EGFLAM	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
KIAA1430	1652.832	0.849893	0.190368	4.464488	8.03E-06	5.46E-04
RICTOR	713.9576	0.956707	0.248913	3.843537	1.21E-04	0.0029
PAPD4	1083.992	0.696216	0.177986	3.911637	9.17E-05	0.002404
EBF1	7.847192	0.800597	0.815991	0.981135	0.326526	NA
ANKRA2	212.8552	0.489357	0.203867	2.400378	0.016378	0.066132
UBLCP1	680.0792	0.71395	0.279079	2.558238	0.01052	0.048662
UTP15	407.4495	0.486005	0.16489	2.947453	0.003204	0.0221
TLR3	141.5768	0.310434	0.313789	0.989307	0.322513	0.490619
KLKB1	4.810782	1.525338	1.048407	1.45491	0.145694	NA
NSA2	892.7863	0.894248	0.235282	3.80075	1.44E-04	0.003162
GFM2	879.1991	0.350499	0.187295	1.871376	0.061293	0.159664
TERT	0.162376	0.424913	4.079006	0.104171	0.917034	NA
CCDC127	575.28	-0.0109	0.159335	-0.0684	0.945465	0.969593

FOXQ1	163.7724	0.818631	0.707157	1.157637	0.247012	0.410475
C6orf195	0.326333	1.533889	3.826878	0.40082	0.688553	NA
GPR111	0.327913	1.543154	4.021063	0.383768	0.701151	NA
ACSL6	11.98768	0.26444	0.756967	0.349342	0.726833	NA
8-Sep	2028.766	-0.11595	0.204129	-0.56801	0.570025	0.706055
SHROOM1	98.48175	-0.44429	0.329703	-1.34754	0.177805	0.330181
GDF9	1.974736	1.142697	1.441282	0.792834	0.427875	NA
UQCRQ	3299.581	0.194118	0.144866	1.339982	0.180251	0.332803
LEAP2	8.710063	0.631627	0.716497	0.881549	0.378021	NA
GJB7	0.778894	2.823374	2.403613	1.174637	0.24014	NA
SLC35A1	150.2309	0.574328	0.240553	2.38753	0.016962	0.067758
GRIK2	867.2174	0.641381	0.205458	3.121718	0.001798	0.015096
MB21D1	78.05171	0.394248	0.300239	1.313115	0.189144	0.343385
FABP7	19.54905	-0.45966	0.568321	-0.8088	0.418628	NA
TLX3	0.327913	1.543154	4.021063	0.383768	0.701151	NA
TXLNB	1.512858	-1.25993	2.088308	-0.60332	0.546293	NA
CITED2	450.1961	-0.47803	0.179542	-2.66251	0.007756	0.039822
FAM26D	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
CREBRF	632.2266	0.9251	0.24979	3.703511	2.13E-04	0.00404
DCBLD1	246.2143	0.138659	0.178361	0.777405	0.43692	0.597357
SFXN1	801.1539	0.148831	0.171318	0.868743	0.384987	0.550927
SAMD3	0.324752	1.53082	4.022025	0.380609	0.703493	NA
TMEM200A	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PDSS2	439.3225	0.095521	0.156756	0.60936	0.542286	0.684424
STXBP5	1455.813	0.4124	0.185887	2.218559	0.026517	0.091356
IL31RA	1.943275	0.401937	1.639001	0.245233	0.806276	NA
ANKRD55	1.047103	1.538196	2.447568	0.628459	0.529703	NA
RAET1E	0.548763	2.343695	3.135478	0.747476	0.454776	NA
PI16	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GALNT10	847.0717	-0.29906	0.136678	-2.18808	0.028664	0.096154
SAP30L	661.2821	0.117641	0.164163	0.71661	0.473614	0.629168
RPS14	18931.74	0.020976	0.191069	0.10978	0.912584	0.949346
MYOZ3	30.25733	-0.0598	0.412618	-0.14492	0.884775	NA
SLU7	1010.174	0.873159	0.235127	3.713557	2.04E-04	0.00392
PTTG1	2559.003	-0.12214	0.215321	-0.56724	0.570548	0.706481
CAMLG	1259.789	0.290211	0.151335	1.917678	0.055152	0.148193
RELL2	461.4291	0.029514	0.197304	0.149588	0.881089	0.929216
SMAD5-AS1	1.330966	2.102973	2.223531	0.945781	0.344261	NA
KCNK5	1.143361	1.348976	1.954071	0.690341	0.48998	NA
KIF6	356.9631	0.053879	0.186666	0.28864	0.772857	0.859277
USP49	232.3672	0.123578	0.244672	0.505075	0.613506	0.740094
PHAX	797.7291	0.459072	0.246195	1.864669	0.062228	0.161495
ALDH7A1	1525.777	0.017174	0.143395	0.119769	0.904666	0.944585
KDM1B	469.1932	0.166567	0.217502	0.765819	0.443784	0.603679
NSD1	1314.168	-0.17592	0.165608	-1.06228	0.288108	0.454312
C2	2.088887	0.208509	1.392705	0.149715	0.880989	NA
HSBP1P2	0.624422	1.162588	2.733761	0.425271	0.670639	NA

KIAA1586	96.31121	1.280904	0.471845	2.71467	0.006634	0.035809
OR2W6P	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
FAM83B	0.411855	0.250456	3.097618	0.080854	0.935558	NA
THAP9	65.72214	1.055818	0.332549	3.174921	0.001499	0.013563
RBPJ	1319.32	0.207437	0.178511	1.162042	0.245219	0.408145
LMBRD1	1715.872	0.491683	0.172119	2.856641	0.004281	0.026588
ZCCHC4	205.4997	0.163483	0.206624	0.791209	0.428822	0.590577
HIST1H2BI	0.941473	1.959123	2.152875	0.910003	0.362821	NA
UBTD2	638.412	0.016984	0.152489	0.111379	0.911316	0.948604
HIST1H2AE	8.069769	0.056421	0.741445	0.076096	0.939342	NA
HIST1H1E	2.221294	0.463708	1.319619	0.351396	0.725292	NA
IRF2	526.9501	0.039259	0.150237	0.261316	0.793849	0.874961
FILIP1L	3.955504	1.385986	1.132884	1.223414	0.221174	NA
TAP1	3032.891	-0.65137	0.182309	-3.57287	3.53E-04	0.005479
CMAHP	5.605651	1.230508	0.953153	1.290987	0.196708	NA
CDC40	382.8811	0.797259	0.226074	3.526542	4.21E-04	0.006131
TNXB	10.80352	-0.418	0.651186	-0.64191	0.520934	NA
CCDC110	22.62453	1.07755	1.521553	0.708191	0.478827	NA
TRAPPC11	758.8255	0.367119	0.233672	1.571088	0.116162	0.246527
ING2	143.2928	0.293833	0.215963	1.360574	0.173648	0.325574
CDKN2AIP	319.8899	0.61289	0.211765	2.894198	0.003801	0.024629
SNRNP48	224.8266	1.028221	0.272829	3.768732	1.64E-04	0.003461
ADAM29	0.326333	1.533889	3.826878	0.40082	0.688553	NA
GDNF	363.5341	0.365917	0.323912	1.129678	0.258612	0.422992
UGT3A2	6.457834	-0.01963	0.908879	-0.02159	0.982772	NA
IL7R	10.31216	0.670491	0.793347	0.845142	0.398032	NA
DNAJC21	708.1097	0.790176	0.293595	2.69138	0.007116	0.037572
NPNT	29.72297	1.2034	0.630756	1.907868	0.056408	NA
TET2	267.154	0.59404	0.243176	2.442834	0.014572	0.060744
CXXC4	10.54029	0.271173	0.679358	0.39916	0.689775	NA
SHOX2	5.880093	0.200048	0.858352	0.233061	0.815714	NA
TSPAN5	456.0588	0.009049	0.228968	0.039523	0.968474	0.982732
IL12A	6.53687	-0.06444	0.86917	-0.07414	0.940902	NA
STX18	928.3671	0.103033	0.129256	0.797124	0.425379	0.587405
	6266.093	-0.32844	0.178758	-1.83737	0.066155	0.16784
ZBTB49	86.07233	0.156907	0.28023	0.559922	0.575533	0.710649
GFM1	1765.377	0.304685	0.12601	2.417942	0.015609	0.063675
FSTL5	9.625695	0.370985	0.722446	0.513513	0.607593	NA
TNIP2	1648.945	0.048195	0.179483	0.268523	0.788297	0.871434
ZNF608	717.8003	-0.05916	0.15949	-0.37095	0.710677	0.81504
SLC35G2	77.32865	0.775875	0.359306	2.159374	0.030821	0.100963
LETM1	2035.144	-0.54113	0.142376	-3.80071	1.44E-04	0.003162
TMEM129	1715.637	-0.35414	0.132664	-2.66941	0.007598	0.03937
PPIC	255.3315	-0.00727	0.19726	-0.03687	0.970585	0.983948
CEP120	285.2775	0.880687	0.28135	3.130223	0.001747	0.014823
CPLX1	4.156839	-0.24362	0.990595	-0.24593	0.805734	NA
PXDC1	1259.731	0.086095	0.160741	0.535615	0.592225	0.7233

COMMD8	444.5555	1.125192	0.292786	3.843049	1.22E-04	0.0029
ATP5I	973.8608	0.278027	0.164492	1.690222	0.090986	0.209443
MFSD7	149.8768	0.099801	0.272611	0.366092	0.714296	0.817689
HNRNPH1	3038.96	0.377202	0.145695	2.588984	0.009626	0.045996
ZBBX	0.47803	0.520083	2.97881	0.174594	0.861399	NA
ACTBL2	1.617239	-0.2809	1.534249	-0.18308	0.854732	NA
BRD7P3	0.588072	2.39955	3.098804	0.774347	0.438726	NA
HSPBAP1	337.0782	0.381446	0.190375	2.00366	0.045106	0.129917
PARM1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZNF354A	112.5654	0.985676	0.276857	3.560237	3.71E-04	0.005601
RGS14	544.2698	0.25772	0.186454	1.382217	0.166905	0.316383
LMAN2	5039.625	-0.30903	0.12666	-2.43981	0.014695	0.061041
RAB24	239.1474	-0.14294	0.176267	-0.81091	0.417416	0.580397
PRELID1	3082.415	-0.10191	0.160198	-0.63616	0.524673	0.670408
CXCL10	8.004064	0.739983	0.962935	0.768466	0.44221	NA
SH3TC2	1034.56	-0.14405	0.159908	-0.90083	0.367679	0.534761
CXCL11	2.344747	-0.10449	1.291193	-0.08092	0.935504	NA
NMD3	868.5617	0.765046	0.246852	3.099212	0.00194	0.015853
ADRB2	428.0396	0.470298	0.340812	1.379932	0.167608	0.317106
B3GALNT1	401.1412	0.252407	0.160765	1.570037	0.116406	0.246693
GPRIN1	720.3848	-0.49708	0.158042	-3.14523	0.00166	0.014396
HSPB3	7.658997	2.18399	1.026729	2.127134	0.033409	NA
KCNAB1	47.32775	0.33764	0.328411	1.028102	0.303902	0.471133
MRPL1	365.5676	0.728439	0.255951	2.846011	0.004427	0.027207
PGM2	781.0389	0.594979	0.169768	3.504649	4.57E-04	0.00643
STK32A	1199.253	-0.81183	0.287731	-2.82148	0.00478	0.028636
P2RY12	23.15588	0.981692	0.58728	1.671592	0.094605	NA
SLC33A1	870.6462	0.276264	0.161089	1.714974	0.08635	0.201353
ARL13B	177.2987	1.110646	0.29008	3.828751	1.29E-04	0.002993
IL8	86.94404	0.589311	0.449677	1.310522	0.190019	0.344236
RASSF6	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
HINT1	6630.828	0.107818	0.116536	0.925191	0.354866	0.523121
DTWD2	279.7765	0.587272	0.216873	2.707907	0.006771	0.036304
CNBP	5827.801	0.357893	0.142584	2.510045	0.012072	0.053659
LDB2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
NLGN1	665.4053	0.479376	0.237881	2.015195	0.043884	0.127729
TAPT1	581.8088	0.222655	0.195611	1.138254	0.255014	0.419306
PCDH7	1212.557	-0.21166	0.241363	-0.87696	0.38051	0.546716
ROBO1	1076.836	-0.04182	0.197577	-0.21165	0.832383	0.899289
P2RY1	53.29295	0.488707	0.435366	1.12252	0.261641	0.426066
CTNND2	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
TM4SF1	20.06853	-1.21206	0.529337	-2.28977	0.022034	NA
SF3B5	2387.38	-0.09033	0.126211	-0.71569	0.47418	0.629587
TIGD4	14.54307	1.80872	0.654738	2.762509	0.005736	NA
TMEM154	11.51156	-0.03905	0.622538	-0.06273	0.94998	NA
ALCAM	3636.123	1.138472	0.19523	5.831426	5.50E-09	4.65E-06
ZPLD1	0.163957	0.424913	4.079006	0.104171	0.917034	NA

SIMC1	364.122	-0.21845	0.172085	-1.26941	0.204296	0.360991
TMEM192	1223.941	0.043634	0.127485	0.342266	0.732151	0.83035
	124.5653	0.472278	0.240954	1.960037	0.049991	0.138502
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
RNF150	395.877	-0.17091	0.160106	-1.06748	0.285755	0.452292
USP38	601.5796	0.082315	0.166205	0.495261	0.620416	0.744964
ADRA1B	19.75906	-0.5473	0.523168	-1.04612	0.295506	NA
PWWP2A	251.2146	0.39683	0.209892	1.890637	0.058673	0.154802
FAXDC2	937.1583	-0.18139	0.169974	-1.06715	0.285906	0.452344
SMAD1	138.5073	-0.13601	0.23734	-0.57307	0.566598	0.703721
DCLK2	191.9975	-0.35092	0.211058	-1.66265	0.096382	0.217558
HARS	3105.454	-0.0143	0.143598	-0.09958	0.920677	0.953909
NFXL1	154.244	0.579343	0.251783	2.30096	0.021394	0.079307
CD14	48.68346	-0.22061	0.371419	-0.59396	0.552537	0.69323
DNAJC18	681.8624	-0.18613	0.159483	-1.16706	0.243188	0.406164
SPATA24	58.22904	0.363862	0.309506	1.175623	0.239745	0.402918
MZB1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SLC23A1	3.311945	-0.51366	1.173421	-0.43774	0.661572	NA
NUDT9	1217.204	0.259066	0.140206	1.847753	0.064638	0.165719
HSD17B13	0.738391	0.402625	2.276191	0.176885	0.859599	NA
ELOVL6	1413.863	0.293931	0.202345	1.452626	0.146328	0.28883
SERPINB9	14.64308	-0.64028	0.736315	-0.86957	0.384535	NA
IRX1	85.76595	-0.41914	0.275842	-1.51948	0.128643	0.264951
IRX2	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
EMB	272.45	0.774257	0.201535	3.841809	1.22E-04	0.002907
NUDCD2	639.9587	0.358103	0.173167	2.067968	0.038643	0.117459
HSPA4	4713.508	0.312364	0.192996	1.618501	0.105555	0.231319
FAM71B	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
SGCD	738.6885	-0.21843	0.231652	-0.94291	0.345725	0.513605
POLH	561.1929	-0.35935	0.186039	-1.93156	0.053414	0.144835
HTRA3	0.487129	2.123445	3.910539	0.543006	0.587126	NA
BFSP2	8.316907	-0.74082	0.799546	-0.92655	0.35416	NA
GPR27	1.817839	-2.25663	1.669281	-1.35186	0.176421	NA
	353.3146	0.017698	0.2032	0.087097	0.930594	0.960575
MINA	559.6198	0.281772	0.170505	1.65257	0.098418	0.220892
KIAA0232	812.9187	0.55705	0.214059	2.602323	0.009259	0.044768
CYTL1	949.2256	0.00664	0.140471	0.047268	0.9623	0.979485
TRH	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GSTA4	362.2559	0.132504	0.181575	0.729749	0.465544	0.622879
PAQR8	3574.474	-0.52201	0.190064	-2.74648	0.006024	0.033559
NUDT6	80.87613	0.280094	0.282552	0.9913	0.321539	0.489703
PKHD1	0.956409	-1.29092	2.212928	-0.58335	0.559655	NA
PGK2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
FAM86JP	28.12583	-0.46809	0.407062	-1.14991	0.25018	NA
MFN1	1113.927	0.720248	0.214659	3.355314	7.93E-04	0.008995
KCNMB3	5.295926	1.923806	1.011083	1.902718	0.057077	NA
MUC7	0.327913	1.543154	4.021063	0.383768	0.701151	NA

PROL1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
UGT2B7	38.36616	-0.12327	0.374991	-0.32873	0.742362	NA
TPPP	44.81987	-0.58514	0.426025	-1.37349	0.169599	NA
PDE7B	82.98728	0.472169	0.403396	1.170486	0.241805	0.404887
MRPL36	832.9092	0.235093	0.163464	1.438198	0.150378	0.294052
MCC	2447.726	-0.12084	0.197245	-0.61266	0.540099	0.682173
POLR1C	850.2402	-0.0911	0.180787	-0.50393	0.614308	0.74048
DLK2	9.928371	-0.75382	0.725013	-1.03974	0.298461	NA
ZNF318	990.5901	-0.26264	0.162492	-1.61634	0.106021	0.231871
HOPX	1.732381	0.267512	1.498441	0.178527	0.858309	NA
MROH2B	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PPID	595.0502	0.54022	0.247617	2.181673	0.029134	0.097017
ETFDH	680.7712	0.440046	0.146827	2.99703	0.002726	0.019937
PTGER4	21.54678	0.382792	0.451689	0.847468	0.396734	NA
TBCA	2120.005	0.662162	0.212229	3.120029	0.001808	0.015146
PLRG1	1690.563	0.337101	0.135346	2.49065	0.012751	0.055677
CXXC5	686.2213	0.029113	0.2561	0.113678	0.909493	0.947766
PTCRA	14.30962	0.444002	0.633038	0.701382	0.483065	NA
ENC1	1758.726	-0.39107	0.138166	-2.83041	0.004649	0.028075
	74.24455	0.338433	0.358208	0.944794	0.344764	0.512821
HDAC3	1829.378	-0.12778	0.168048	-0.76036	0.447042	0.606718
LRRC34	47.0021	0.418949	0.333435	1.256463	0.208948	0.366595
SYNPO	250.0851	-0.78212	0.247865	-3.15544	0.001603	0.014125
RAB33B	106.4331	0.866777	0.29352	2.953036	0.003147	0.021892
GAP43	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA
LRRC15	7.439618	0.890303	0.833246	1.068476	0.285306	NA
SMN1	57.07163	0.343949	0.290248	1.185018	0.23601	0.399016
SLC9C1	1.417077	-0.96506	1.679421	-0.57464	0.565534	NA
PRL	5.446058	0.975211	0.98651	0.988547	0.322885	NA
MBOAT1	302.7069	-0.19511	0.172611	-1.13034	0.258334	0.422595
ID4	591.2141	0.595834	0.229815	2.592673	0.009523	0.045653
PAIP1	1021.681	0.569198	0.153122	3.717283	2.01E-04	0.003869
C5orf34	89.58584	0.610532	0.266731	2.288942	0.022083	0.081
ZNF131	428.4777	0.772662	0.183987	4.199539	2.67E-05	0.001097
RCAN2	92.43243	-0.31032	0.33241	-0.93355	0.350534	0.518479
MYOZ2	12.51772	1.197529	0.716665	1.670974	0.094727	NA
SYNPO2	23.77767	0.330318	0.462491	0.714215	0.475094	NA
RSPH9	56.74306	-0.17842	0.298446	-0.59783	0.549951	0.691229
GTPBP2	1884.008	-0.09517	0.129816	-0.73315	0.463467	0.621188
MANEA	314.155	0.927939	0.307735	3.015386	0.002567	0.019196
AFF1	1182.395	-0.11955	0.164435	-0.72705	0.467196	0.623787
ACOT12	11.26481	1.058247	0.731497	1.446686	0.147985	NA
NIPAL4	13.69793	-1.27341	0.604009	-2.10826	0.035008	NA
FNDC9	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
KLHL6	35.54598	-0.06757	0.492676	-0.13715	0.89091	NA
SMPDL3A	567.825	0.337751	0.170365	1.982509	0.047422	0.134086
ZMAT3	4020.203	0.275055	0.19193	1.433106	0.151828	0.295942

THEMIS	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TMEM217	15.70089	0.516542	0.5317	0.97149	0.331304	NA
COL6A5	0.556667	0.972496	2.522454	0.385536	0.699841	NA
TMCC1	457.0529	-0.03423	0.176811	-0.19359	0.846499	0.908806
EFCAB12	2.176827	0.450669	1.328484	0.339235	0.734433	NA
RAB43	211.5916	-0.30768	0.213487	-1.44119	0.14953	0.293079
DCP2	275.8784	0.51579	0.262219	1.967024	0.04918	0.137198
DMXL1	1611.562	0.465945	0.265116	1.757512	0.078831	0.189295
	1.327657	3.605863	2.059194	1.751104	0.079928	NA
ADH6	1.063143	1.12382	1.855095	0.605802	0.544646	NA
FRG2C	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
UNC93B3	0.192403	0.975392	4.060716	0.240202	0.810174	NA
GXYLT2	82.27133	-1.3775	0.404652	-3.40417	6.64E-04	0.008036
TADA2B	668.1402	-0.27949	0.167085	-1.67273	0.09438	0.214796
CCDC96	50.54604	-0.30943	0.309837	-0.99867	0.317954	0.485678
EVC2	282.3381	-0.19602	0.199016	-0.98493	0.324658	0.492617
HPSE	116.5236	0.36354	0.309087	1.176174	0.239525	0.402776
COQ2	439.3954	-0.00634	0.209242	-0.0303	0.975827	0.986731
ADCY5	72.29781	-0.23799	0.267538	-0.88954	0.373712	0.539959
PARP14	1518.827	0.067323	0.290264	0.231937	0.816587	0.890173
PARP15	18.90867	0.49496	0.552422	0.895982	0.370262	NA
ABLIM3	2700.169	-0.27427	0.129915	-2.11119	0.034756	0.109442
KIAA1919	131.8479	0.280942	0.217603	1.291074	0.196678	0.352003
GLRX	705.8561	0.500812	0.206496	2.425285	0.015296	0.062857
IQCB1	273.1377	0.375254	0.182897	2.051719	0.040197	0.120825
GOLGB1	1166.883	0.903318	0.934902	0.966216	0.333936	0.502504
GPR151	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PLAC8L1	1.513921	2.643365	1.83893	1.437448	0.150591	NA
STOX2	267.9452	0.227069	0.267736	0.848108	0.396378	0.561082
NDNF	72.46457	1.308121	0.484949	2.697442	0.006987	0.037109
MOB1B	591.7481	0.7621	0.604184	1.261372	0.207175	0.364292
ZNF622	1586.16	0.064082	0.155349	0.412503	0.679971	0.791153
HEG1	559.6745	-0.16675	0.245228	-0.67997	0.496525	0.647636
PHC3	395.2294	0.439773	0.234382	1.876306	0.060613	0.158426
GPR160	22.83276	0.759992	0.464115	1.637509	0.101524	NA
GOLIM4	840.4152	0.754625	0.32223	2.341887	0.019187	0.073519
3-Mar	127.2889	-0.24286	0.229083	-1.06015	0.289076	0.455414
SLCO4C1	4.89561	1.218572	1.199455	1.015939	0.309659	NA
XXYLT1	559.2929	-0.37111	0.192422	-1.92865	0.053775	0.145548
NRROS	226.346	-0.34569	0.191179	-1.80822	0.070572	0.175542
CEP19	224.5981	0.841436	0.252386	3.333925	8.56E-04	0.009417
FBXO45	343.0743	0.348049	0.213195	1.632537	0.102566	0.226809
TLR10	0.327913	1.543154	4.021063	0.383768	0.701151	NA
TLR1	46.50266	-0.42086	0.352498	-1.19394	0.232503	NA
TLR6	83.50799	-0.18292	0.352205	-0.51937	0.603504	0.732334
FAM174A	408.2055	0.057261	0.202387	0.282926	0.777233	0.862824
RGMB	584.18	-0.39319	0.183526	-2.14241	0.03216	0.104055

FAM53A	30.96579	-0.15378	0.382106	-0.40246	0.687346	NA
TRMT10C	642.7592	0.604961	0.194497	3.11039	0.001868	0.015436
PIGG	1521.948	-0.17472	0.138767	-1.25907	0.208004	0.365316
CHRNA9	0.162376	0.424913	4.079006	0.104171	0.917034	NA
GALNTL6	58.76875	-0.05974	0.316195	-0.18892	0.850154	0.910747
GCSAM	7.167498	0.044162	0.805532	0.054823	0.956279	NA
IL20RB	3.42026	0.249042	1.092565	0.227942	0.819691	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MSL2	478.8849	-0.08999	0.153904	-0.5847	0.558749	0.6977
TRAM1L1	83.63983	0.227836	0.264497	0.861393	0.389022	0.554509
UGT8	605.9908	-0.00695	0.175875	-0.03954	0.968459	0.982732
KY	1.610669	-3.3877	2.011403	-1.68424	0.092134	NA
SLCO2A1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TMEM167A	1919.647	0.596308	0.241292	2.471317	0.013462	0.057696
SH3PXD2B	3385.849	-0.77216	0.182412	-4.23304	2.31E-05	0.001003
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
LARP7	409.7095	1.189306	0.613896	1.937308	0.052708	0.14338
C4orf32	80.19097	0.436745	0.262095	1.666365	0.095641	0.216537
WDR49	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SRP72	2431.711	0.428239	0.162712	2.631885	0.008491	0.042207
THAP6	241.5801	0.814321	0.253527	3.211973	0.001318	0.012423
CEP135	82.1746	1.423117	0.913761	1.557429	0.119369	0.251237
BTC	0.911244	3.022036	2.332005	1.295896	0.195011	NA
RSRC1	329.6154	0.93444	0.228286	4.093295	4.25E-05	0.001514
C3orf55	37.72509	-0.22635	0.467808	-0.48386	0.628489	NA
METTL15P1	3.617055	0.929025	1.086095	0.855381	0.39234	NA
C3orf33	56.16612	0.8288	0.363044	2.282919	0.022435	0.081935
P2RY14	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GPR171	0.260158	1.240347	4.047124	0.306476	0.759242	NA
DHX36	1173.746	0.627465	0.243035	2.581784	0.009829	0.046688
ZIC4	0.326333	1.533889	3.826878	0.40082	0.688553	NA
CHST2	858.416	-0.42844	0.160897	-2.66282	0.007749	0.039802
ATR	660.6155	0.530653	0.23239	2.283458	0.022403	0.081897
GK5	112.7273	0.587116	0.295814	1.98475	0.047172	0.133679
SPSB4	1.537313	-3.12242	1.946201	-1.60437	0.108634	NA
ZNF654	304.8091	0.94645	0.219546	4.310948	1.63E-05	8.27E-04
MRPS22	835.2885	0.476938	0.155675	3.063678	0.002186	0.017131
CADM2	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
PSMD2	10783.71	-0.16409	0.130768	-1.25479	0.209557	0.367119
FAM131A	688.8032	-0.31388	0.147309	-2.13072	0.033112	0.106006
PARL	1778.27	-0.055	0.12805	-0.42951	0.667553	0.781923
PHYKPL	436.443	-0.11053	0.151006	-0.73196	0.464191	0.621537
ARL10	786.9937	-0.29527	0.242056	-1.21983	0.222527	0.383217
CLTB	4028.283	0.120661	0.151755	0.795103	0.426553	0.588409
PCSK1	2.807545	1.376467	1.242047	1.108225	0.267765	NA
RFESD	10.64805	-1.04472	0.626201	-1.66834	0.095248	NA
CCDC14	484.7353	1.040267	0.383872	2.709933	0.00673	0.036149

MCTP1	289.0416	0.436109	0.234733	1.857895	0.063184	0.163013
GPR156	3.393351	-1.49503	1.100765	-1.35817	0.174409	NA
NR2F1	63.58586	0.231763	0.328476	0.70557	0.480456	0.634913
EIF3KP1	0.709944	0.232855	2.332364	0.099837	0.920474	NA
RUVBL1	1420.188	-0.15546	0.130546	-1.19088	0.233702	0.396277
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
LYSMD3	0.354779	1.703954	3.657232	0.465914	0.641277	NA
JAKMIP2	177.8567	0.57595	0.403396	1.427756	0.153362	0.298135
MBLAC2	4.636571	0.582373	0.969873	0.600463	0.548198	NA
SLC35A4	4001.789	-0.31629	0.142366	-2.22169	0.026304	0.091046
TMEM39A	496.3491	0.286545	0.172516	1.660979	0.096718	0.21817
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
CDV3P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.983747	1.664671	1.14941	1.448283	0.147538	NA
KIAA2018	462.5801	-0.0937	0.259488	-0.36108	0.71804	0.820231
B3GNT5	108.3926	0.646837	0.23649	2.735162	0.006235	0.034188
RUFY1	1018.214	0.32634	0.152954	2.133581	0.032877	0.105609
BASP1	3007.282	-0.01673	0.16018	-0.10442	0.916838	0.951845
GJA1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GCNT4	22.27971	-0.09581	0.475129	-0.20165	0.84019	NA
TOB2P1	3.408122	-0.57029	1.145049	-0.49805	0.618451	NA
MUC20	5.008496	0.102312	1.158946	0.088281	0.929654	NA
HCG4	114.1356	-0.38836	0.275334	-1.41051	0.15839	0.304971
MTX3	101.3228	0.548254	0.428382	1.279823	0.200607	0.356605
SLC38A9	264.4534	0.474937	0.184594	2.57287	0.010086	0.047448
ZBTB38	1349.189	0.467807	0.183396	2.550798	0.010748	0.049294
MAGEF1	817.9651	0.142006	0.154489	0.919199	0.357991	0.525131
NAP1L5	277.4845	0.288161	0.270057	1.067038	0.285955	0.452361
NIM1K	74.96334	0.252793	0.273898	0.922944	0.356037	0.523878
ZBED2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ATOX1	5860.073	0.077753	0.168084	0.462586	0.643661	0.762832
TBL1XR1	1234.522	0.479218	0.208061	2.303256	0.021264	0.078903
ACAD9	1143.578	-0.161	0.141102	-1.14105	0.253849	0.417883
SUMO4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NAALADL2	79.17504	0.368355	0.268379	1.372517	0.169903	0.320363
PVRL3	292.184	0.551134	0.248037	2.221988	0.026284	0.091031
ANXA2R	9.942282	0.243251	0.71667	0.339418	0.734295	NA
HNRNPA0	3973.11	-0.37202	0.128391	-2.89752	0.003761	0.024485
	62.66926	0.189645	0.297164	0.638182	0.523355	0.669513
YIPF7	6.232227	-1.06113	0.865949	-1.22539	0.220428	NA
	0.82213	0.50433	2.197682	0.229483	0.818494	NA
	183.1582	-0.24217	0.199236	-1.21548	0.224185	0.385176
PCDHB9	2.036409	0.693963	1.504799	0.461166	0.644679	NA
AP3S1	1284.273	0.228292	0.166747	1.36909	0.170971	0.321724
ZNF354C	104.1267	0.732408	0.321655	2.276998	0.022786	0.082561
GPR150	38.33838	-0.12481	0.415277	-0.30054	0.763766	NA
FAM26E	91.76608	0.507546	0.380958	1.332288	0.182766	0.335764

MLF1	193.094	0.376138	0.24133	1.558607	0.119089	0.250765
GRAMD1C	52.44807	0.652216	0.326374	1.998373	0.045676	0.130858
HTR3C	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
ZNF518B	735.8877	0.189939	0.158593	1.19765	0.231053	0.393158
ZNF366	18.71662	0.03633	0.49511	0.073377	0.941506	NA
LCORL	147.0577	0.520486	0.254614	2.044213	0.040932	0.122292
ZNF454	6.651945	-1.49251	0.866741	-1.72198	0.085074	NA
ZC3H12D	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNF212	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TMEM151E	1.796976	0.349301	1.544305	0.226187	0.821056	NA
ZNF354B	60.70105	0.842199	0.312598	2.694188	0.007056	0.037327
NEUROG2	1.372408	-0.70922	1.970671	-0.35989	0.718932	NA
BEND3	141.7003	-0.67411	0.235011	-2.86843	0.004125	0.025944
NT5DC1	682.5435	-0.04428	0.14826	-0.29867	0.765188	0.854172
H3F3AP6	0.163957	0.424913	4.079006	0.104171	0.917034	NA
AMBN	0.326536	0.037056	3.842554	0.009644	0.992306	NA
PSAPL1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ACTG1P1	1.675655	-0.33821	1.472486	-0.22968	0.818338	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
ARMC10P1	1.311188	0.009168	1.781747	0.005146	0.995894	NA
NSUN3	235.4067	0.591539	0.182628	3.239039	0.001199	0.011696
DHFRL1	268.5014	0.303019	0.310448	0.976067	0.329031	0.49728
C5orf64	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
GP5	0.490493	0.776209	2.895261	0.268096	0.788625	NA
C5orf46	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
TAF7	1390.302	0.442174	0.198601	2.226448	0.025984	0.090335
GAK	2690.199	-0.34159	0.13242	-2.57962	0.009891	0.046847
	10.48487	-0.05067	0.633098	-0.08004	0.936209	NA
MRFAP1L1	1226.801	0.278287	0.17379	1.601288	0.109313	0.236504
SNX18	666.1268	0.048866	0.215025	0.227259	0.820222	0.892334
MRFAP1	9485.275	-0.05927	0.138656	-0.42746	0.669048	0.782942
C3orf38	798.1165	0.359607	0.178051	2.019688	0.043416	0.126951
TRIML2	0.548763	2.343695	3.135478	0.747476	0.454776	NA
ZFP42	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
TAAR3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HTR1F	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPS2P28	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
HLA-DQB1	0.941473	1.959123	2.152875	0.910003	0.362821	NA
GATA2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ELMOD2	411.1678	0.545361	0.229296	2.378414	0.017387	0.068915
DNAJB8	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PPP1R14BF	84.82351	0.119644	0.255367	0.468515	0.639416	0.75954
	1.404468	-0.26803	1.627787	-0.16466	0.869211	NA
CRIPAK	81.05084	-0.16141	0.299693	-0.53859	0.59017	0.721887
	34.65176	0.747613	0.389116	1.921309	0.054693	NA
C3orf80	1.04716	1.17329	2.006462	0.584756	0.558712	NA
EXOC3	1572.602	-0.21831	0.149708	-1.45825	0.144772	0.286715

TDRD6	4.778622	2.244701	1.051376	2.135012	0.03276	NA
	3.407042	1.301714	1.30407	0.998193	0.318186	NA
RRH	1.736737	1.348229	1.585181	0.850521	0.395036	NA
PNPLA1	1.464254	-2.05134	1.820308	-1.12692	0.259777	NA
TIGD2	110.1171	-0.07446	0.266633	-0.27925	0.780056	0.865117
HCLS1	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
PAK2	2158.745	0.132693	0.151063	0.878393	0.37973	0.546124
RNF182	599.8303	0.54155	0.239754	2.258772	0.023898	0.085385
HIST1H2AC	526.7255	0.309915	0.36993	0.837767	0.402162	0.56663
HIST1H2BC	5.930152	0.922258	0.917382	1.005315	0.314745	NA
ZBTB12P1	0.952336	1.909203	2.452323	0.778528	0.436258	NA
MB21D2	142.2631	-0.24019	0.257427	-0.93305	0.350792	0.518727
EXOC5P1	1.35035	0.802108	1.736953	0.46179	0.644232	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
WDFY3-AS2	72.1216	0.187844	0.277285	0.677442	0.498125	0.648931
ARSJ	128.4746	0.59848	0.240057	2.493078	0.012664	0.05536
PSMG4	297.1881	-0.08526	0.18914	-0.45076	0.65216	0.76995
MAP6D1	89.45627	-0.18973	0.293529	-0.64637	0.518037	0.665078
MRPL14	1254.148	0.135489	0.16884	0.802472	0.42228	0.584768
BBS12	360.1157	0.3379	0.221181	1.527709	0.126585	0.261896
F2R	2067.044	0.409759	0.146797	2.791324	0.005249	0.030564
HLA-V	23.98273	-0.3121	0.460623	-0.67756	0.49805	NA
NPM1	11323.89	0.505317	0.187411	2.696303	0.007011	0.037173
MTHFD2P7	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ZNF322	83.38615	0.255246	0.310775	0.821321	0.411463	0.574817
NME9	3.860212	0.806016	1.030839	0.781903	0.434272	NA
OFCC1	8.273207	0.145169	0.739872	0.196208	0.844447	NA
HSP90AA6I	0.750448	2.743526	2.504729	1.095338	0.273368	NA
DDX60L	639.1686	-0.34412	0.628189	-0.54779	0.583833	0.717088
SOX2	395.8812	-0.14779	0.235148	-0.62852	0.529664	0.674744
TMEM45A	360.2201	0.199277	0.18427	1.081439	0.279502	0.445601
RAP2B	2689.285	-0.23773	0.206291	-1.15242	0.24915	0.412992
RPL24P4	16.12341	0.322679	0.579321	0.556996	0.57753	NA
MAB21L2	0.450981	2.057325	3.353149	0.61355	0.539513	NA
C6orf223	1.371709	2.506436	1.969102	1.272883	0.203059	NA
FDCSP	0.712719	2.707521	2.836859	0.954408	0.339877	NA
ZBTB20	22.51447	-0.18332	0.541269	-0.33868	0.734848	NA
C3orf58	196.5539	0.19161	0.248746	0.770303	0.44112	0.601277
C5orf30	532.6673	0.328184	0.178299	1.840635	0.065675	0.167149
SIAH2	368.9086	-0.16484	0.205018	-0.804	0.421395	0.584035
COPG1	7971.698	-0.46666	0.117191	-3.9821	6.83E-05	0.002
SLC9A9	209.0825	-0.14294	0.248745	-0.57466	0.565522	0.702826
RELL1	84.49668	-0.46516	0.292271	-1.59154	0.111489	0.2397
TIGIT	0.163957	0.424913	4.079006	0.104171	0.917034	NA
C5orf24	1579.472	0.684718	0.209352	3.270656	0.001073	0.010848
CCDC149	1245.537	0.165834	0.196167	0.845373	0.397903	0.562703
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA

UNC5C	30.31922	0.018123	0.42934	0.042211	0.966331	NA
ZAR1	0.518736	2.237423	2.7713	0.807355	0.419462	NA
DCAF4L1	2.341198	1.022627	1.545554	0.661658	0.508191	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
CEP97	358.2008	0.588889	0.247481	2.379536	0.017334	0.068778
RWDD4	220.2118	0.718837	0.206986	3.472873	5.15E-04	0.006915
HIST1H3I	1.20553	-1.82229	1.887291	-0.96556	0.334266	NA
CSF1R	2.365167	-1.28602	1.366733	-0.94095	0.346732	NA
EPHB3	26.95316	-0.64515	0.41818	-1.54275	0.122891	NA
HIST1H2AJ	2.029451	0.228988	1.643419	0.139336	0.889184	NA
IGIP	126.0178	0.801156	0.376005	2.130703	0.033114	0.106006
SLC35D3	0.586491	2.39072	2.689057	0.889055	0.373973	NA
PLCXD3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL35A	13168.24	0.420024	0.17736	2.368204	0.017875	0.07
ZNF721	91.76296	1.165698	0.460549	2.531103	0.01137	0.051312
CEP63	350.995	0.726221	0.283075	2.565472	0.010304	0.048042
HMGN4	1511.235	0.106609	0.171284	0.622413	0.53367	0.677477
FREM3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ARHGEF37	332.8212	-0.82058	0.290549	-2.82425	0.004739	0.02849
CEP57L1	127.6445	0.850857	0.228505	3.72358	1.96E-04	0.00384
HSP90AB3I	11.65337	-0.19993	0.667897	-0.29934	0.764681	NA
	1.44669	-2.05828	1.971394	-1.04407	0.296452	NA
DDX41	2859.201	-0.1031	0.166822	-0.61803	0.536555	0.679797
CCDC125	41.46991	-0.31838	0.351568	-0.90559	0.365151	NA
LRIT3	0.84823	2.93367	2.713279	1.081227	0.279596	NA
TRIM61	61.21953	0.657824	0.312845	2.102713	0.035491	0.110985
GTF2H2C	68.85321	0.486862	0.294523	1.653051	0.098321	0.220722
FBXL7	1376.933	-0.51467	0.166619	-3.0889	0.002009	0.016251
HMCES	1090.031	-0.37585	0.150448	-2.49823	0.012482	0.054702
11-Mar	0.785567	-0.70568	2.358063	-0.29926	0.764741	NA
	2.251467	0.062178	1.297425	0.047924	0.961777	NA
GUSBP1	129.8058	0.24016	0.237082	1.012982	0.311069	0.478614
LINC00518	4396.465	0.419976	0.211489	1.985807	0.047055	0.133581
TRIM52	75.66585	0.31791	0.288013	1.103804	0.269678	0.434351
FOXL2	34.71527	0.391448	0.471328	0.830523	0.406243	NA
KCTD16	3.720383	0.262403	1.077384	0.243556	0.807575	NA
FAM162B	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
BTBD9	670.8326	-0.56704	0.143634	-3.94784	7.89E-05	0.002195
MAATS1	3.141839	1.22336	1.197961	1.021202	0.307159	NA
ARSI	880.1302	-0.78305	0.318093	-2.4617	0.013828	0.058681
BRD7P2	1.871229	0.897865	1.717095	0.522898	0.601046	NA
TREML3P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL7AP28	3.276971	-0.0773	1.323546	-0.0584	0.953428	NA
ADRA2C	2.687449	-0.40843	1.355159	-0.30139	0.763118	NA
SCFD2	1320.441	-0.32699	0.140339	-2.32998	0.019807	0.075165
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
PPP1R2	790.5371	0.374087	0.203213	1.840866	0.065641	0.167108

CMSS1	651.2068	0.402501	0.189756	2.121151	0.033909	0.1076
CCSER1	16.35122	0.990771	0.56969	1.73914	0.08201	NA
ZDHHC23	61.58376	0.465368	0.377397	1.233098	0.217539	0.376981
HIST1H2AK	1.426388	0.934706	1.835245	0.509308	0.610536	NA
EFNA5	122.8777	-0.46022	0.260806	-1.76461	0.077629	0.187485
HIST1H1B	0.640406	1.11402	2.710977	0.410929	0.681124	NA
ACTRT3	97.81976	0.246951	0.259601	0.95127	0.341467	0.509671
COPB2	4320.424	0.383698	0.151521	2.532304	0.011332	0.051175
POU3F2	482.2217	0.312624	0.190209	1.643583	0.100262	0.223381
PROS1	7033.57	0.846228	0.161343	5.24489	1.56E-07	4.45E-05
C6orf58	10.89398	-1.06693	0.703424	-1.51677	0.129325	NA
TMEM173	1879.425	-0.09426	0.147647	-0.63841	0.523209	0.669419
RPL7P26	1.36261	1.545046	1.790867	0.862736	0.388282	NA
HIST1H2AH	1.282741	-0.13551	1.82613	-0.07421	0.940846	NA
PRR16	198.6169	0.154981	0.211381	0.733181	0.463448	0.621188
TMED9	6381.583	0.024483	0.149533	0.163727	0.869946	0.922965
H1FX	2184.884	-0.39191	0.150281	-2.60788	0.00911	0.044401
SORCS2	342.9099	-0.72908	0.700183	-1.04127	0.297751	0.464828
ROBO2	465.8702	-0.07877	0.269834	-0.29192	0.770349	0.858023
LRRC14B	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NELFA	690.4299	-0.40417	0.162116	-2.49307	0.012664	0.05536
C5orf47	0.354779	1.703954	3.657232	0.465914	0.641277	NA
FAM43A	2259.407	-0.48554	0.274078	-1.77155	0.07647	0.185473
PURA	532.2991	0.298747	0.204446	1.461248	0.143947	0.285539
HIST1H2BL	6.481694	-0.67326	0.945975	-0.71171	0.476644	NA
PPIL6	40.07056	-0.13442	0.377681	-0.35591	0.721906	NA
KIAA0825	36.53858	1.122742	0.390261	2.876904	0.004016	NA
ARL15	342.2465	0.421541	0.194263	2.169951	0.030011	0.099019
GPRIN3	276.5441	-0.08054	0.325992	-0.24706	0.80486	0.88332
SDHAP1	65.57517	0.447257	0.296247	1.509742	0.131109	0.26766
LSAMP	676.4005	-0.23284	0.183688	-1.26756	0.204955	0.361622
PCGF3	1394.369	0.128171	0.143294	0.894463	0.371074	0.53772
LMLN	216.3499	0.128464	0.228259	0.562799	0.573572	0.709406
	13.04996	0.486672	0.60098	0.809797	0.418057	NA
C6orf201	1.045376	2.066118	2.09889	0.984386	0.324926	NA
CLDN24	0.749217	0.7397	2.633289	0.280903	0.778784	NA
KCNQ5	123.034	0.361866	0.219508	1.648533	0.099243	0.222196
KCNIP4	13.43802	1.064083	0.661774	1.607925	0.107852	NA
WDR53	158.4213	0.383312	0.200432	1.912429	0.055821	0.149437
NAT8L	743.0926	-0.51901	0.164031	-3.16411	0.001556	0.013845
SDHAP3	64.24474	0.369752	0.328296	1.126276	0.260049	0.424389
LRCH3	1390.738	-0.38106	0.171576	-2.22097	0.026353	0.091117
HTR3E	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LRRC70	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SOWAHB	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
BLOC1S4	343.5145	0.035568	0.162132	0.219377	0.826357	0.895553
KLHL32	10.4235	-1.07439	0.742231	-1.44751	0.147754	NA

PRELID2	85.75247	0.072806	0.243287	0.299261	0.764741	0.853834
SLC36A3	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
SLC36A2	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA
ANKRD37	180.4575	0.174734	0.187768	0.930581	0.35207	0.520164
KPNA4	2078.799	0.215863	0.164258	1.314175	0.188787	0.343053
RPS23	12211.98	0.209749	0.160278	1.308659	0.19065	0.345009
BTN3A2	1415.85	-0.43487	0.230288	-1.88835	0.058979	0.155272
C5orf38	0.911649	0.958357	2.37748	0.403098	0.686876	NA
C6orf1	1938.928	-0.29775	0.147958	-2.01241	0.044177	0.128169
KATNA1	380.766	0.302922	0.184076	1.645636	0.099839	0.223192
LYRM7	378.7569	0.664882	0.33642	1.976344	0.048116	0.135394
TPI1P3	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ZNF732	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA
QRFPR	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TMEM232	18.22937	0.54765	0.51176	1.070131	0.28456	NA
C3orf70	385.4329	-0.40846	0.238458	-1.71292	0.086727	0.201995
MITF	11034.11	0.185973	0.182916	1.016711	0.309291	0.476621
TSPYL4	423.5362	-0.06864	0.225654	-0.30419	0.760981	0.851319
PCDHB13	29.09597	-0.84524	0.43188	-1.95711	0.050335	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
ATP13A5	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NHLRC1	132.9089	-0.44063	0.211825	-2.08015	0.037511	0.115087
ZKSCAN4	173.516	-0.016	0.212354	-0.07535	0.939936	0.966534
TMSB4XP8	83.94182	0.039008	0.302952	0.128759	0.897549	0.939815
C5orf52	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
SPRY4	880.3387	0.056838	0.156699	0.36272	0.716814	0.819463
	0.890088	-0.08229	2.128047	-0.03867	0.969154	NA
KBTBD12	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HSPE1P11	0.258578	1.233151	4.047809	0.304646	0.760635	NA
HIST1H1C	272.3368	0.364339	0.29902	1.218446	0.223055	0.383846
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ZSCAN23	17.87488	0.277884	0.582958	0.47668	0.63359	NA
HIST1H2BG	6.288645	0.566892	0.922908	0.614245	0.539053	NA
TPRG1	1.216624	0.085515	1.905007	0.04489	0.964195	NA
	130.617	0.259583	0.27361	0.948733	0.342756	0.51086
EYS	3.897095	-0.15637	0.980399	-0.15949	0.873279	NA
	89.4468	-0.03071	0.272617	-0.11264	0.910315	0.947811
LRRIQ4	0.460669	-0.62593	3.398671	-0.18417	0.853882	NA
PLSCR1	1825.222	-0.1452	0.194867	-0.74514	0.456188	0.614817
BLOC1S5	262.703	0.239266	0.233433	1.024988	0.305369	0.472543
COL25A1	7.509845	-0.50426	0.783906	-0.64327	0.52005	NA
FBLL1	139.748	0.200383	0.233874	0.856801	0.391555	0.556781
NKAIN2	2.597724	0.799084	1.309333	0.610298	0.541664	NA
SMIM15	762.0997	0.745973	0.159432	4.678957	2.88E-06	2.97E-04
OSTN	0.354779	1.703954	3.657232	0.465914	0.641277	NA
ZDHHC11	2.308185	-0.57946	1.263128	-0.45875	0.646414	NA
FAM26F	2.653508	-0.68815	1.287749	-0.53438	0.593076	NA

	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
UTS2B	16.35766	-0.02297	0.594699	-0.03863	0.969184	NA
MSANTD1	5.426721	-0.23109	0.926272	-0.24948	0.802986	NA
HIST1H4D	1.772885	1.348764	1.569085	0.859586	0.390017	NA
LRRC66	6.906402	0.575173	0.805573	0.713992	0.475232	NA
ZNF292	219.2973	0.764781	0.68148	1.122236	0.261762	0.426146
HUS1B	1.685985	1.314117	1.571458	0.836241	0.403019	NA
PROSP	0.260158	1.240347	4.047124	0.306476	0.759242	NA
ADAT2	114.9229	0.623172	0.233137	2.672985	0.007518	0.039107
ANKDD1B	17.32053	-0.3098	0.54601	-0.56739	0.570447	NA
APOD	745.7263	-0.67522	0.333902	-2.0222	0.043156	0.126606
PRSS48	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
ANKRD34B	0.788582	0.608095	2.456267	0.247569	0.804468	NA
NKAPL	20.36508	0.471986	0.50357	0.937281	0.348614	NA
FAM47E	13.07636	0.413216	0.555865	0.743375	0.457255	NA
PCDH18	24.09204	0.144737	0.516933	0.279992	0.779483	NA
TSPYL1	2022.518	-0.27994	0.127608	-2.19377	0.028252	0.095227
ZKSCAN3	95.78449	-0.23497	0.238721	-0.98428	0.324976	0.492847
LIN54	310.1351	0.851902	0.183042	4.654146	3.25E-06	3.27E-04
C6orf222	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
ALG1L	3.788633	-0.49455	0.996657	-0.49621	0.619746	NA
KIAA0408	1.455651	1.673699	1.711992	0.977633	0.328256	NA
IL1RAP	1235.104	0.60359	0.194891	3.097065	0.001954	0.015925
SPOCK3	0.616518	2.49285	2.980788	0.836306	0.402983	NA
	1.685286	-2.08097	1.824913	-1.14031	0.254157	NA
HLA-DRB1	100.323	0.16927	0.272883	0.6203	0.53506	0.678307
FAT4	11.87504	-0.13289	0.688026	-0.19315	0.846845	NA
HIST1H4A	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
HIST1H2BB	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TUBB	22784.91	-0.49061	0.174249	-2.81557	0.004869	0.028977
SUPT3H	87.74266	0.131135	0.308962	0.424439	0.671246	0.78462
HIST1H2BC	1.561743	0.170449	1.59364	0.106956	0.914824	NA
CPNE4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.82213	0.50433	2.197682	0.229483	0.818494	NA
HIST1H2BN	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
SLC35F1	375.3082	0.308382	0.287475	1.072727	0.283394	0.44993
TSC22D2	607.3449	-0.09399	0.231929	-0.40525	0.685293	0.79516
PIK3R4	1319.123	-0.01265	0.139868	-0.09043	0.927946	0.958745
ARL9	23.36279	-0.37467	0.494523	-0.75765	0.448663	NA
AFAP1	979.6266	-0.2316	0.172324	-1.34397	0.178959	0.331503
HIST1H3C	2.421508	0.172314	1.33497	0.129077	0.897297	NA
MME	2535.43	0.82357	0.150057	5.488388	4.06E-08	1.85E-05
LAMA2	101.3153	0.060988	0.305512	0.199625	0.841774	0.905885
MYO6	547.8252	0.414912	0.280616	1.478576	0.139254	0.279238
HDAC2	2018.128	0.66613	0.193664	3.439613	5.83E-04	0.00745
	1.113131	2.168349	2.301419	0.942179	0.346101	NA
	0.586694	1.130467	2.734203	0.413454	0.679274	NA

ZFP62	173.9947	0.556533	0.201405	2.76325	0.005723	0.032425
GM2A	6335.925	-0.60725	0.138728	-4.3773	1.20E-05	6.88E-04
HIST1H2AI	4.159782	-0.65853	0.973205	-0.67666	0.498619	NA
CLPSL2	0.411855	0.250456	3.097618	0.080854	0.935558	NA
CD47	3077.28	0.2122	0.132668	1.59948	0.109714	0.237131
MAML3	340.1539	0.189671	0.162114	1.169987	0.242006	0.404995
HIST1H2AG	51.90682	0.283114	0.401591	0.704982	0.480822	0.635255
CTBP1-AS2	328.6785	-0.27782	0.178075	-1.56012	0.118732	0.250234
ZSCAN16	32.1333	1.259964	0.402573	3.129779	0.001749	NA
C6orf106	5808.632	-0.22128	0.204556	-1.08174	0.279366	0.445506
KPNA5	104.6809	1.158502	0.281426	4.116537	3.85E-05	0.001425
PDLIM7	904.8199	-0.20805	0.154903	-1.34308	0.179247	0.331717
	15.27971	0.713342	0.534159	1.335449	0.181729	NA
PCDHB16	9.145477	0.125206	0.743845	0.168323	0.866329	NA
HIST1H3E	23.64039	0.510213	0.598678	0.852233	0.394085	NA
WDR5B	163.5686	0.251058	0.24594	1.020812	0.307343	0.474571
ANXA6	21808.68	-0.20788	0.130981	-1.58714	0.112481	0.241067
DTHD1	0.506476	0.726418	2.864186	0.253621	0.799788	NA
HIST1H4C	3.523439	0.163673	1.12748	0.145167	0.884579	NA
	319.728	0.368126	0.19829	1.856505	0.063382	0.163381
ZNF300P1	10.43737	1.1802	0.704284	1.675744	0.093788	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
HIST1H3J	2.182371	-0.29308	1.361793	-0.21521	0.829601	NA
SLC22A4	3.533836	-0.85602	1.198539	-0.71422	0.475094	NA
TBC1D9B	7244.141	-0.33385	0.165459	-2.01771	0.043621	0.127269
HIST1H4J	1.110762	-0.90437	1.863208	-0.48538	0.627405	NA
ZNF165	10.53161	0.379405	0.728727	0.520641	0.602617	NA
SYNGAP1	568.5487	-0.27652	0.151965	-1.81966	0.06881	0.172582
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SLC22A5	217.999	-0.14841	0.203333	-0.7299	0.465449	0.622857
HTT	8736.762	-0.54071	0.168221	-3.21431	0.001308	0.012352
HIST1H3D	4.00347	0.490809	1.109391	0.442413	0.65819	NA
DCHS2	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
VEPH1	2769.761	0.416293	0.273881	1.519981	0.128516	0.264779
MAP3K5	36.77371	0.02458	0.382258	0.064303	0.948729	NA
HNRNPAB	5009.033	-0.13313	0.155029	-0.85872	0.390493	0.555738
HIST1H2BH	8.079288	-0.21198	0.882703	-0.24015	0.810214	NA
GYPE	4.587592	0.087024	1.168872	0.074451	0.940652	NA
PCDHB11	2.300923	1.882141	1.41558	1.32959	0.183653	NA
RPF2	377.196	0.679095	0.186124	3.64861	2.64E-04	0.00459
C5orf56	34.24861	-0.16553	0.388829	-0.42572	0.670314	NA
RPS17P2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
KCNMB2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ENPP1	115.6499	-0.16115	0.274604	-0.58686	0.557299	0.696283
C5orf42	314.95	0.669275	0.322439	2.075665	0.037925	0.115846
HIST1H2BE	1.407592	-0.33704	1.911227	-0.17635	0.86002	NA
ZNF595	14.12287	0.835383	0.614605	1.359219	0.174077	NA

FAM114A1	1273.792	0.18745	0.196212	0.955347	0.339402	0.508003
PTMAP2	3.888967	0.1813	1.243853	0.145757	0.884113	NA
TXNRD3	406.6684	0.078061	0.152343	0.512402	0.608369	0.73549
OCLN	2.20928	2.480595	1.590007	1.560116	0.118732	NA
	1.618579	0.125281	1.62584	0.077056	0.938579	NA
HIST1H2BF	1.855449	0.479808	1.468999	0.326623	0.743953	NA
SGTB	672.6956	0.626971	0.274824	2.281358	0.022527	0.081968
ADH5	3997.731	0.1964	0.14302	1.373239	0.169678	0.320155
HIST1H2BK	390.0756	0.390905	0.352047	1.110379	0.266836	0.431705
HIST1H4K	3.277056	-0.67446	1.1063	-0.60966	0.542088	NA
ZNF311	42.80347	0.144007	0.329731	0.43674	0.6623	NA
FCHSD1	840.7391	-0.08468	0.151123	-0.56034	0.575248	0.710519
ELOVL2	14.28874	-0.41512	0.639921	-0.64871	0.516524	NA
LEKR1	7.734089	0.694564	0.720954	0.963396	0.335349	NA
GRK6	1565.618	-0.22814	0.15863	-1.43817	0.150387	0.294052
CD2AP	499.4171	0.943335	0.381663	2.471643	0.013449	0.057665
ADH4	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
CHSY3	395.4941	-0.29128	0.173604	-1.67782	0.093383	0.213265
ZNF876P	1.441957	0.19835	1.953344	0.101544	0.919119	NA
HSD17B11	1004.361	0.328132	0.204401	1.60534	0.108419	0.235264
FKBP1C	37.75436	-0.31663	0.400893	-0.7898	0.429643	NA
SDAD1	861.9987	0.447191	0.172639	2.590317	0.009589	0.045892
ZKSCAN8	393.0863	0.034014	0.208377	0.163235	0.870333	0.923107
HIST1H4F	0.921281	-1.21902	2.226885	-0.54741	0.584096	NA
HIST1H4I	10.0394	0.006993	0.687738	0.010168	0.991887	NA
HIST1H3A	2.497667	-0.51615	1.29423	-0.39881	0.690033	NA
HIST1H2AL	2.765461	0.596538	1.229063	0.48536	0.627421	NA
TMEM207	0.327913	1.543154	4.021063	0.383768	0.701151	NA
BZW1P2	2.698984	0.745853	1.560075	0.478088	0.632588	NA
SH3BGRL2	111.7631	0.400318	0.246849	1.621713	0.104865	0.230345
TMA16	239.4179	0.623082	0.24074	2.588193	0.009648	0.046046
HLA-DRB5	4.488516	1.35536	1.235613	1.096912	0.27268	NA
CNGA1	0.862864	-0.92591	2.497199	-0.37078	0.710801	NA
HIST1H4E	3.222147	0.950603	1.186084	0.801464	0.422863	NA
PLN	1.469897	1.171853	1.816097	0.645259	0.518759	NA
DDX39B	843.0799	0.470179	0.170207	2.762391	0.005738	0.03247
NUDT16	1217.062	0.031332	0.175041	0.178997	0.85794	0.915883
LRBA	3259.651	0.144797	0.156842	0.923199	0.355903	0.523878
CCDC69	77.26935	0.110181	0.42145	0.261433	0.793759	0.874943
C6orf89	1381.73	-0.36291	0.131037	-2.76957	0.005613	0.032054
TTC37	2032.035	0.971053	0.288303	3.368165	7.57E-04	0.008794
ECI2	991.4436	0.117346	0.139681	0.840101	0.400852	0.565475
PPP1R14C	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SMIM11P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL10A	14464.73	0.147029	0.154164	0.95372	0.340225	0.508558
FAM169A	18.85146	0.63942	0.480724	1.330119	0.183479	NA
SUCNR1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA

UBE2J1	2444.186	0.359909	0.142314	2.528977	0.01144	0.051545
OPA1	1484.843	0.733165	0.243754	3.007803	0.002631	0.019437
	2158.098	0.25245	0.171125	1.475242	0.140147	0.280366
OSTC	1625.614	0.305402	0.156897	1.946511	0.051593	0.141452
CCDC152	1.454862	-0.58515	1.616608	-0.36196	0.717381	NA
DZIP3	329.3937	0.696267	0.396387	1.756535	0.078997	0.189654
CCDC167	578.7086	-0.13412	0.212471	-0.63123	0.52789	0.673353
ZFP2	14.4836	-0.0468	0.745855	-0.06275	0.949964	NA
SOWAHA	1.72739	-0.40933	2.025112	-0.20212	0.839819	NA
L3MBTL3	135.7847	0.40565	0.285256	1.422055	0.15501	0.300482
MFAP3L	943.1538	0.275098	0.159323	1.726666	0.084228	0.197805
PJA2	2633.62	0.477042	0.190941	2.498368	0.012477	0.054701
MIR219-1	0.682896	1.412658	2.61672	0.539858	0.589295	NA
MIR378A	1.266612	0.746194	1.745721	0.427442	0.669058	NA
MIR30C2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-204F	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RNA5SP17	3.862514	1.282392	1.377812	0.930745	0.351985	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-107	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-888F	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
VTRNA1-1	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
RNA5SP21	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-128	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNORA33	10.87054	1.30781	0.653151	2.00231	0.045251	NA
RNU6-226F	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
RNU6-681F	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-553F	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNORA74A	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
RNU1-33P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNU6-853F	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.290657	-0.19437	1.200431	-0.16192	0.871368	NA
	0.736607	1.395844	2.318642	0.602009	0.547168	NA
RNU6-130	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-646F	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SKP27	4.243848	-0.57255	1.075902	-0.53216	0.594618	NA
	1.48623	-0.09738	1.890909	-0.0515	0.958928	NA
RNU6-1187	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNORD117	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNY4P17	0.327913	1.543154	4.021063	0.383768	0.701151	NA
SNORD48	0.967291	-0.94461	2.160526	-0.43721	0.661958	NA

	0.883146	1.112834	2.554178	0.435692	0.663061	NA
RNU1-36P	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
VTRNA1-2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU1-100P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RN7SK	17.49874	0.872519	0.549461	1.587953	0.112297	NA
	1.412576	-1.39568	1.81698	-0.76813	0.442409	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
RN7SKP292	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNY4P10	1.697254	0.321736	1.546936	0.207983	0.835242	NA
RNA5SP151	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	8.173542	-0.48708	0.758782	-0.64192	0.520925	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.727508	0.192954	2.572892	0.074995	0.940219	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.195026	0.215958	1.271548	0.169839	0.865137	NA
	32.93969	0.405149	0.400802	1.010844	0.312091	NA
RAET1G	14.69223	0.383111	0.813588	0.47089	0.637719	NA
SAMD5	359.7456	0.926169	0.20994	4.41159	1.03E-05	6.34E-04
ECT2L	0.548763	2.343695	3.135478	0.747476	0.454776	NA
TMEM244	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CENPW	398.8299	0.076738	0.205011	0.374311	0.708173	0.813192
FAM229B	881.1281	0.013623	0.17373	0.078417	0.937496	0.965178
DDO	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
CCDC162P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
BVES-AS1	31.54095	0.451579	0.38067	1.186277	0.235513	NA
HIST1H3H	11.339	-0.52371	0.621335	-0.84287	0.399299	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
C6orf164	2.255611	0.057932	1.466288	0.039509	0.968485	NA
C6orf163	4.342597	1.295587	1.01208	1.280123	0.200502	NA
SNHG5	920.5441	0.281763	0.207243	1.359578	0.173964	0.325958
RIPPLY2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
OOEP	0.411855	0.250456	3.097618	0.080854	0.935558	NA
LRRC73	15.37378	0.591832	0.659509	0.897382	0.369515	NA
GGNBP1	0.708364	0.219301	2.144998	0.102238	0.918568	NA
RPL12P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DAXX	1902.229	-0.09839	0.146574	-0.67123	0.502071	0.65228
PFDN6	1002.494	0.194388	0.172621	1.126095	0.260125	0.424389
RING1	1829.873	-0.18266	0.156584	-1.16652	0.243403	0.406201
HSD17B8	236.7387	-0.45692	0.26433	-1.72859	0.083882	0.197268
RXRB	1393.261	-0.31421	0.15808	-1.98767	0.046848	0.133187
COL11A2	24.79772	0.161663	0.474513	0.340693	0.733335	NA
HLA-DOA	2.272972	0.45053	1.368805	0.329141	0.742049	NA
BRD2	4585.879	-0.18926	0.153441	-1.23343	0.217417	0.376879

HLA-DMA	608.7171	-0.22704	0.157081	-1.44539	0.148349	0.291544
TAPSAR1	20.42414	-0.48077	0.512858	-0.93744	0.348533	NA
PSMB8	1961.375	-0.44306	0.187448	-2.36366	0.018096	0.070544
TAP2	400.8281	-0.58192	0.178402	-3.26186	0.001107	0.01108
HLA-DRA	4.526614	0.773459	1.439306	0.537383	0.591003	NA
BTNL2	0.47961	0.535796	3.39605	0.15777	0.874638	NA
C6orf10	0.589223	-3.04304	3.047314	-0.9986	0.317989	NA
NOTCH4	78.80127	-0.14844	0.272371	-0.54498	0.58577	0.718723
PBX2	870.9265	-0.29925	0.138084	-2.16717	0.030222	0.099633
AGER	11.10172	-0.02947	0.651795	-0.04522	0.963933	NA
RNF5	1890.548	-0.06548	0.211514	-0.30956	0.756895	0.848189
AGPAT1	2703.579	-0.38834	0.12504	-3.10574	0.001898	0.015572
PRRT1	86.84734	-0.10122	0.328423	-0.30821	0.757925	0.849022
FKBPL	273.551	-0.08965	0.221097	-0.40547	0.685134	0.795122
CYP21A1P	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
STK19	48.57111	0.146064	0.332658	0.439081	0.660603	0.776536
DXO	365.788	-0.01764	0.200275	-0.08808	0.929816	0.960189
SKIV2L	1861.377	-0.4	0.127178	-3.14516	0.00166	0.014396
NELFE	1848.131	-0.08639	0.149543	-0.57771	0.56346	0.701367
ZBTB12	113.2881	-0.38615	0.258085	-1.4962	0.134602	0.272956
EHMT2	1905.137	-0.42026	0.133494	-3.14818	0.001643	0.014318
SLC44A4	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NEU1	2954.043	-0.15573	0.128352	-1.2133	0.225015	0.386043
C6orf48	4638.386	-0.12867	0.144608	-0.88981	0.373565	0.539878
HSPA1B	708.9694	-0.44761	0.179768	-2.48996	0.012776	0.055765
HSPA1A	730.6663	-0.33037	0.182394	-1.8113	0.070095	0.174538
HSPA1L	34.84706	0.125856	0.379349	0.331769	0.740063	NA
LSM2	928.1304	-0.17436	0.143903	-1.21163	0.225655	0.38686
VARS	4859.73	-0.54251	0.144995	-3.74159	1.83E-04	0.003662
VWA7	4.003647	0.695978	1.093243	0.636618	0.524374	NA
MSH5	10.21191	0.58341	0.653755	0.892399	0.372179	NA
C6orf25	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
ABHD16A	73.19949	-0.26492	0.264078	-1.0032	0.315765	0.483082
LY6G5C	56.11626	0.016342	0.349185	0.046801	0.962672	0.979674
CSNK2B	469.7469	-0.13993	0.172202	-0.8126	0.416449	0.579597
GPANK1	595.1797	-0.13329	0.175298	-0.76037	0.447032	0.606718
C6orf47	614.6189	-0.05043	0.153486	-0.32859	0.742466	0.837721
APOM	15.07329	0.116739	0.572081	0.204059	0.838307	NA
BAG6	7975.404	-0.49798	0.14545	-3.42371	6.18E-04	0.007733
PRRC2A	8400.823	-0.77669	0.145356	-5.34338	9.12E-08	3.24E-05
NCR3	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
LST1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NFKBIL1	541.4423	-0.20002	0.178163	-1.12267	0.261579	0.426022
MICB	446.5374	-0.34155	0.202023	-1.69065	0.090903	0.209295
MICA	422.6807	-0.00451	0.191918	-0.02351	0.98124	0.990173
HLA-C	17051.6	-0.57443	0.184881	-3.10701	0.00189	0.015537
POU5F1	2.901256	-1.27773	1.398493	-0.91365	0.360903	NA

CCHCR1	373.6535	-0.22631	0.183573	-1.23278	0.217656	0.377018
PSORS1C2	0.354779	1.703954	3.657232	0.465914	0.641277	NA
PSORS1C1	5.725448	0.492322	0.982305	0.50119	0.616237	NA
DHX16	1560.002	-0.23377	0.15721	-1.48697	0.137022	0.276211
C6orf136	292.3209	-0.27608	0.189694	-1.45541	0.145557	0.287692
MRPS18B	1873.71	-0.33389	0.158943	-2.10066	0.035671	0.111306
PPP1R10	1229.375	-0.49976	0.17493	-2.85693	0.004278	0.026578
ABCF1	3122.521	-0.02605	0.128129	-0.20329	0.838911	0.903953
PRR3	204.3973	-0.19986	0.183315	-1.09026	0.2756	0.441265
DDR1	2648.911	-0.12282	0.189852	-0.64693	0.517674	0.664972
GNL1	2750.141	-0.1104	0.136989	-0.80588	0.420315	0.583153
HLA-E	17823.57	-0.45521	0.126979	-3.58495	3.37E-04	0.005308
TRIM39	256.6078	0.005135	0.216758	0.023691	0.981099	0.990173
TRIM15	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TRIM31	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RNF39	21.80129	0.223771	0.449042	0.498329	0.618252	NA
PPP1R11	1611.98	-0.19295	0.153426	-1.25761	0.208534	0.365923
HLA-J	5.399039	1.273498	0.883948	1.440694	0.149671	NA
ZNRD1-AS1	71.25524	0.05517	0.311069	0.177355	0.859229	0.916352
HCG9	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GNB2L1	30450.22	-0.17217	0.139415	-1.23494	0.216855	0.37618
HLA-G	266.42	-0.24528	0.325721	-0.75304	0.451427	0.610554
HLA-F	730.6566	-0.45083	0.192381	-2.34343	0.019107	0.073331
CBY3	1.380523	0.101537	1.91231	0.053097	0.957655	NA
C5orf60	0.192403	0.975392	4.060716	0.240202	0.810174	NA
GABBR1	303.9217	0.26215	0.187627	1.397188	0.162357	0.310342
C6orf100	1.864934	0.0222	1.442892	0.015386	0.987725	NA
TRIM27	1966.323	-0.23666	0.119892	-1.97392	0.04839	0.135747
	3.655724	-0.58082	1.01832	-0.57037	0.568424	NA
RANBP17	87.16078	0.370665	0.256163	1.446987	0.147901	0.291014
FAM196B	1.534806	-1.77475	1.804126	-0.98372	0.325255	NA
ZNF204P	29.14356	1.530879	0.543776	2.815273	0.004874	NA
SPINK9	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
PCDHGA1	6.119528	0.165538	0.916747	0.180571	0.856704	NA
PCDHA7	0.574231	0.93227	2.49998	0.372911	0.709215	NA
PCDHA4	3.328656	0.220561	1.247445	0.17681	0.859658	NA
PCDHA2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PCDHA1	1.40704	1.571999	1.812999	0.867071	0.385903	NA
CCNI2	1.930655	-0.04837	1.699957	-0.02845	0.9773	NA
FRG2	0.288605	1.443619	4.029058	0.358302	0.720117	NA
HSP90AA4I	0.260158	1.240347	4.047124	0.306476	0.759242	NA
C4orf47	3.116685	0.03368	1.179472	0.028555	0.977219	NA
C4orf46	320.9953	0.034677	0.182112	0.190416	0.848983	0.910091
TMEM170I	142.5163	0.590261	0.252354	2.339019	0.019334	0.073891
SNX2	1755.97	0.622037	0.200021	3.109849	0.001872	0.015453
GCNT6	3.051823	-0.79466	1.126139	-0.70565	0.480405	NA
CFI	0.096202	0.408546	4.079639	0.100143	0.920231	NA

HNRNPA1P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	312.2247	-0.82116	0.245706	-3.34202	8.32E-04	0.009276
ATP6AP1L	12.02485	0.394337	0.595042	0.662704	0.50752	NA
SMN2	12.59166	0.614178	0.576728	1.064936	0.286905	NA
SERF1B	7.241468	0.104997	0.767478	0.136808	0.891182	NA
C5orf51	1006.819	0.376497	0.228855	1.645131	0.099943	0.223198
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
GMNC	1.113481	0.468899	1.933629	0.242497	0.808395	NA
TTC23L	21.52355	-0.49649	0.461445	-1.07594	0.281954	NA
HSP90AB2P	1.990077	-1.4068	1.647196	-0.85406	0.393073	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
DNAJC19	431.0719	0.488902	0.184085	2.655857	0.007911	0.040371
ZDHHC11B	0.660976	-0.84029	2.673548	-0.3143	0.753294	NA
	1.094751	1.216857	2.01996	0.602417	0.546897	NA
EGFEM1P	8.55123	1.281917	0.779823	1.643856	0.100206	NA
ANKUB1	0.354779	1.703954	3.657232	0.465914	0.641277	NA
C3orf72	1.966482	3.071493	1.706538	1.799839	0.071886	NA
HCP5	7.343005	-1.25261	0.814687	-1.53753	0.124163	NA
HLA-H	1432.002	-0.57746	0.160321	-3.60188	3.16E-04	0.005092
HCG27	2.605832	0.048378	1.259015	0.038425	0.969349	NA
COL6A6	3.62086	2.155508	1.215216	1.773766	0.076102	NA
H1FX-AS1	36.04964	-0.0413	0.385589	-0.1071	0.914706	NA
OR10C1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
HLA-A	19754.57	-0.52199	0.16473	-3.16874	0.001531	0.01373
PTPLB	2454.69	0.15195	0.166296	0.913735	0.360856	0.528077
WDR52	59.24532	1.997901	0.433239	4.611541	4.00E-06	3.70E-04
	0.937264	-1.23834	2.063944	-0.59999	0.548514	NA
LNP1	399.6037	0.139046	0.174561	0.796543	0.425716	0.587731
VGLL3	62.38432	0.808741	0.456876	1.770155	0.076701	0.185912
RNU6-431P	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
RNU1-73P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNU1-11P	4.747072	0.922713	1.145363	0.805607	0.420469	NA
RNU6-26P	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
RNU6-484P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNORD101	7.707138	1.025635	0.771796	1.328895	0.183883	NA
RNU6-701P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.458885	0.577525	3.449278	0.167433	0.867029	NA
RNU6-190P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU6-42P	0.555087	0.973802	2.808575	0.346725	0.728798	NA
RNU6-4P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNORD63	1.406049	-0.26601	1.627656	-0.16343	0.870178	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SNORA7B	0.288605	1.443619	4.029058	0.358302	0.720117	NA
RNA5SP187	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

RNU6-35P	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
RNU6-658P	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-33P	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
MIR570	1.430532	1.196549	1.793968	0.666985	0.504782	NA
MIR573	1.116855	1.112287	2.31317	0.48085	0.630623	NA
MIR584	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
MIR572	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MIR580	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR568	1.232404	0.600643	1.916349	0.313431	0.753953	NA
MIR302A	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR567	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR574	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
MIR579	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
MIR576	0.163957	0.424913	4.079006	0.104171	0.917034	NA
GPX3	77.27391	0.228085	0.477607	0.477557	0.632965	0.754818
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
RNU6-930P	0.506476	0.726418	2.864186	0.253621	0.799788	NA
SNORD72	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
SNORA74B	0.422534	1.924583	3.001758	0.641152	0.521424	NA
RNU6-460P	0.326333	1.533889	3.826878	0.40082	0.688553	NA
SNORA26	3.306277	-0.34359	1.263574	-0.27192	0.785683	NA
RPL15P3	32.47328	0.045508	0.370685	0.122767	0.902292	NA
PDCL3P5	2.747906	1.639263	1.425566	1.149903	0.250184	NA
COX5BP2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TCTEX1D2	36.35875	0.497085	0.413701	1.201558	0.229535	NA
EEF1DP5	9.883981	-0.66187	0.682693	-0.9695	0.332293	NA
YWHAZP4	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
CRYGS	12.41449	0.836218	0.646014	1.294427	0.195518	NA
CNN2P9	3.444294	-0.40636	1.134588	-0.35816	0.720224	NA
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
	1.135211	-1.86222	2.017292	-0.92313	0.355939	NA
PRDX2P4	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	7.678566	0.432225	0.748775	0.577243	0.563775	NA
RPS7P8	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TRIM59	99.58416	0.34214	0.253984	1.34709	0.177951	0.330298
C6orf165	10.68988	0.55847	0.680914	0.820177	0.412115	NA
HNRNPA3P	11.88749	0.93451	0.6788	1.376709	0.168602	NA
RPL9P18	0.82371	0.509057	2.431911	0.209324	0.834195	NA
RPL7AP34	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA

MXD3	247.6203	-0.32797	0.236911	-1.38437	0.166246	0.315386
RANP6	0.994194	-0.63787	1.893391	-0.33689	0.736198	NA
NAP1L1P3	1.216218	1.276946	1.967625	0.648978	0.516352	NA
GAPDHP71	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	6.143556	-0.10362	0.844142	-0.12275	0.902305	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ANXA2P1	7.404549	-0.43696	0.814993	-0.53615	0.591854	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
HSPD1P1	1.986013	1.549979	1.697517	0.913086	0.361197	NA
	5.256711	0.126269	0.917946	0.137556	0.890592	NA
VTI1BP2	0.411855	0.250456	3.097618	0.080854	0.935558	NA
ATP6V0CP3	1.141927	0.609996	1.889109	0.322901	0.74677	NA
RPS23P2	0.326333	1.533889	3.826878	0.40082	0.688553	NA
VDAC1P7	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
AKR1B1P2	0.652869	1.292592	2.374873	0.544278	0.58625	NA
	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
NT5C3AP1	6.019508	0.383078	0.916551	0.417956	0.67598	NA
ACTN4P1	1.760763	-1.59021	1.646198	-0.96599	0.33405	NA
LAP3P2	0.915759	-1.79003	2.342046	-0.7643	0.444687	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RAC1P5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SRA1	1932.946	0.058116	0.162875	0.356812	0.721233	0.822641
HNRNPA1P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
VDAC1	7553.44	-0.25349	0.130513	-1.94228	0.052103	0.142371
ZBTB9	394.8666	-0.52851	0.156671	-3.37338	7.43E-04	0.008681
GPSM3	1571.769	-0.35997	0.195718	-1.83924	0.065879	0.167381
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
ATF6B	2521.404	-0.35057	0.146838	-2.38744	0.016966	0.067758
SETP22	0.938845	-1.23445	2.063177	-0.59832	0.549624	NA
CLIC1	11800.46	2.67E-04	0.163235	0.001633	0.998697	0.999371
DDAH2	834.1257	-0.0671	0.212302	-0.31605	0.751963	0.844818
POLD2P1	0.967088	-0.05827	2.035183	-0.02863	0.977158	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.785421	0.60161	2.458349	0.244721	0.806672	NA
ATP6V1G2	26.81712	-0.28299	0.401237	-0.70529	0.480632	NA
ACTBP2	7.82054	0.201149	0.746562	0.269434	0.787596	NA
GTF2H4	13.58965	0.222273	0.574458	0.386926	0.698811	NA
CFL1P5	0.624422	1.162588	2.733761	0.425271	0.670639	NA
	1.118639	0.415692	1.804658	0.230344	0.817825	NA
EEF1B2P2	0.900767	0.808531	1.963257	0.411831	0.680463	NA
RPL7AP7	1.04035	-1.85633	2.355797	-0.78798	0.430706	NA
UBD	1.390425	-0.34271	2.156269	-0.15894	0.873718	NA
RPL3P6	1.500816	-0.86149	1.576095	-0.5466	0.584655	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPS17P1	0.640609	0.042838	2.379511	0.018003	0.985637	NA
ITGA1	1380.995	0.880328	0.230585	3.817799	1.35E-04	0.00305
	0.326536	0.037056	3.842554	0.009644	0.992306	NA

RPL7P17	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TPT1P5	1.05103	-0.7935	2.094237	-0.3789	0.704763	NA
LYRM4	931.9421	0.043586	0.142224	0.306463	0.759252	0.849946
	154.5409	0.372949	0.205668	1.813358	0.069777	0.174038
LINC00887	0.94127	3.089692	2.23227	1.384103	0.166327	NA
	6.103354	-0.3713	0.798426	-0.46504	0.641902	NA
ALG3	1522.12	-0.12808	0.140468	-0.91184	0.361852	0.52898
UBE2V1P2	0.877625	-0.2954	2.206963	-0.13385	0.893522	NA
SETP21	0.192403	0.975392	4.060716	0.240202	0.810174	NA
AGGF1P1	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.672013	1.253691	2.607776	0.480751	0.630693	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL39P5	0.258578	1.233151	4.047809	0.304646	0.760635	NA
SOGA3	3.651376	-0.37341	1.088889	-0.34293	0.731652	NA
NEURL1B	203.667	-1.00424	0.296814	-3.3834	7.16E-04	0.00842
EFCAB9	1.523755	0.474747	1.576468	0.301146	0.763303	NA
HAUS3	195.224	0.887163	0.288199	3.078302	0.002082	0.016597
LINC00488	4.247744	0.736631	1.008318	0.730555	0.465051	NA
	3.620255	0.6565	1.113929	0.589355	0.555623	NA
TPT1P6	2.395727	1.418403	1.40559	1.009116	0.312919	NA
RPL7P1	68.10987	0.129895	0.36006	0.360758	0.718281	0.820342
SPINK13	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	4.731484	0.182957	0.904669	0.202236	0.839732	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
RBBP4P4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPL6P12	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL9P16	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.987595	1.031131	1.587234	0.64964	0.515925	NA
CYCSP55	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	6.287306	0.291528	0.8445	0.345208	0.729938	NA
SHFM1P1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
FAM177A1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
USP8P1	0.593018	-0.10389	3.151334	-0.03297	0.973702	NA
LINC00243	0.547182	2.340248	3.137689	0.745851	0.455757	NA
HLA-F-AS1	150.3441	0.027993	0.269239	0.103972	0.917192	0.952022
ARHGEF28	513.7442	0.195977	0.161475	1.213663	0.224876	0.385916
PPIAP29	39.67779	-0.27771	0.358294	-0.7751	0.438282	NA
CHCHD2P2	57.8522	-0.13665	0.351813	-0.38842	0.697706	0.805229
	0.833158	-0.52049	2.521552	-0.20642	0.836464	NA
GNL3LP1	0.35636	1.709252	3.651833	0.468053	0.639746	NA
PKMP5	2.096995	-0.60359	1.338602	-0.45091	0.652055	NA
	18.51274	0.755743	0.477914	1.581336	0.113801	NA
	0.967088	-0.05827	2.035183	-0.02863	0.977158	NA
	8.63544	1.406924	0.735982	1.911628	0.055924	NA
LINC00680	171.2142	0.252481	0.216443	1.1665	0.243413	0.406201
	20.29516	-0.71047	0.477447	-1.48805	0.136737	NA

C5orf49	18.22402	-0.07747	0.526352	-0.14718	0.882986	NA
UBE2QL1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
CYP51A1P3	0.462046	0.589069	3.442439	0.17112	0.86413	NA
	2.493511	1.151572	1.712904	0.672292	0.501398	NA
ASS1P10	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MYL5	126.3032	-0.17953	0.309577	-0.57991	0.561974	0.700032
HMX1	0.327913	1.543154	4.021063	0.383768	0.701151	NA
GUSBP9	0.947797	0.979959	2.329332	0.420704	0.673971	NA
MARCKSL1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HIST1H1PS	1.115061	0.450621	2.115791	0.21298	0.831343	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.629929	-1.1413	2.677641	-0.42623	0.669937	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RPL12P2	0.736957	-1.0303	2.640699	-0.39016	0.696418	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.520316	2.239969	3.173769	0.705776	0.480328	NA
	0.631307	-0.20384	3.097925	-0.0658	0.947537	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.208102	0.723565	1.850162	0.391082	0.695737	NA
	55.42466	0.435309	0.322303	1.350621	0.176817	0.329058
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	0.766634	1.516849	2.262991	0.670285	0.502676	NA
TUBB2BP1	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
RBMXP1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL17P26	1.294855	1.463581	1.753443	0.83469	0.403892	NA
LY86-AS1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.015755	0.398771	2.259962	0.17645	0.85994	NA
	7.229254	-1.00565	0.747073	-1.34611	0.178266	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL21P65	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
TPT1P4	4.731216	-0.3231	0.960087	-0.33653	0.736469	NA
	0.74749	1.546424	2.516383	0.614543	0.538857	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
FNIP1	1149.812	0.809502	0.186642	4.337186	1.44E-05	7.71E-04
	2.428632	-0.55253	1.269524	-0.43523	0.663399	NA
LARP1P1	0.411855	0.250456	3.097618	0.080854	0.935558	NA
ANKRD18E	19.36366	0.524888	0.477182	1.099976	0.271343	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
CBX3P9	13.48165	0.850087	0.591678	1.436738	0.150792	NA
	0.6908	0.277604	2.346083	0.118327	0.905809	NA
PRELID1P1	2.866644	0.419087	1.265513	0.33116	0.740524	NA

RPS4XP9	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ISCA1P1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	60.30377	-0.00909	0.304776	-0.02984	0.976194	0.986933
CCT7P1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
HIST1H4PS	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
RSL24D1P1	0.942851	3.091781	2.270302	1.361837	0.173249	NA
	1.536161	0.286569	1.969673	0.145491	0.884324	NA
	2.192405	1.262367	1.52066	0.830144	0.406457	NA
	22.33139	0.276189	0.490831	0.562696	0.573642	NA
RPS4XP7	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
HIST1H2AP	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
TENM3	1193.746	-0.04633	0.156794	-0.29548	0.767625	0.855764
LYPLA1P3	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RAET1K	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.21326	0.631805	1.921077	0.32888	0.742246	NA
	5.324291	-0.18659	0.868957	-0.21473	0.829978	NA
RPS27P15	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
HNRNPA1P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GAPDHP63	3.933096	0.120985	0.992682	0.121877	0.902996	NA
RPL7P28	0.096202	0.408546	4.079639	0.100143	0.920231	NA
BRD7P4	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
HIST1H2AP	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
ST13P16	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.951366	0.463022	1.129732	0.409852	0.681915	NA
DBIP1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL18AP8	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
GSTM2P1	0.802985	0.54709	2.208262	0.247747	0.80433	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
CNN3P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NUFIP1P	0.93741	-3.49975	2.723608	-1.28497	0.198804	NA
TUBB8P2	0.748867	2.740193	2.468928	1.109871	0.267054	NA
FTH1P15	20.81038	-1.01423	0.580795	-1.74628	0.080763	NA
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
	1.75567	0.303256	1.471306	0.206114	0.836702	NA
	3.197424	0.52441	1.222737	0.428882	0.668009	NA
NPM1P37	0.900913	-0.26014	2.222223	-0.11706	0.90681	NA
HMGB1P2(	1.170556	-0.4175	2.096325	-0.19916	0.84214	NA
	8.184532	0.406414	0.818845	0.496326	0.619664	NA
NPM1P38	0.327913	1.543154	4.021063	0.383768	0.701151	NA
PIP5K1P1	0.424115	1.932531	3.45462	0.559405	0.575885	NA

EEF1A1P42	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	5.951992	0.239761	0.848209	0.282667	0.777432	NA
	0.883	1.784395	2.188528	0.81534	0.414878	NA
	2.654857	0.523648	1.183497	0.442459	0.658157	NA
	0.594599	-0.12152	2.771051	-0.04385	0.965021	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RPL17P25	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ZNF259P1	0.804566	0.545894	2.033578	0.26844	0.78836	NA
PPP1R3G	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
BMPR1APS	11.40474	0.2734	0.635751	0.430043	0.667164	NA
	0.842643	-2.08432	2.306153	-0.90381	0.366097	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	8.015478	-0.54992	0.809874	-0.67902	0.497125	NA
	0.715249	-0.95037	2.624937	-0.36205	0.717313	NA
PPIAP9	0.613743	-0.17004	2.749758	-0.06184	0.950691	NA
ATP5F1P6	0.35636	1.709252	3.651833	0.468053	0.639746	NA
GAPDHP42	0.643567	1.129905	3.100382	0.364441	0.715529	NA
ZSCAN12P1	69.74991	-0.04059	0.276965	-0.14654	0.883495	0.931007
RPL35P3	0.613743	-0.17004	2.749758	-0.06184	0.950691	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
BTF3P7	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
LAP3P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.626695	0.638819	1.554182	0.411032	0.681049	NA
HNRNPA1P	0.658173	-0.01016	2.630582	-0.00386	0.996919	NA
RPS24P12	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ACTBP8	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
KRT8P42	3.904118	0.836012	1.094141	0.764081	0.444819	NA
	4.414001	2.169623	1.109848	1.954883	0.050597	NA
	6.969485	0.346012	0.806392	0.429086	0.66786	NA
YAP1P1	2.289455	-0.07193	1.364419	-0.05272	0.957956	NA
	0.619047	-1.7574	3.107232	-0.56558	0.571677	NA
	2.284939	1.924848	1.518308	1.267758	0.204884	NA
PKMP3	0.411855	0.250456	3.097618	0.080854	0.935558	NA
RPL35P2	18.31067	0.158573	0.490578	0.323237	0.746516	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RCC2P7	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.410682	0.240607	1.27308	0.188996	0.850096	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
OR1F12	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL5P18	1.294855	1.463581	1.753443	0.83469	0.403892	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA

RPS18P9	14.70275	0.101451	0.533612	0.19012	0.849215	NA
HIST1H3PS	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.899187	0.806933	2.127165	0.379346	0.704431	NA
OSTCP4	8.063276	-1.00088	0.760046	-1.31686	0.187885	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR1271	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNORD100	6.238898	0.139359	0.800708	0.174045	0.86183	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR1303	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
RNU6ATAC	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.520316	2.239969	3.173769	0.705776	0.480328	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR548I1	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	1.304653	-0.93789	2.220522	-0.42237	0.672753	NA
MIR1324	0.260158	1.240347	4.047124	0.306476	0.759242	NA
C6orf226	140.8616	-0.23621	0.219173	-1.07774	0.281149	0.4473
C5orf54	162.9435	0.443821	0.225994	1.963862	0.049546	0.137692
SLC12A8	40.0451	1.068237	0.466205	2.291343	0.021944	NA
PPT2	1130.669	-0.12864	0.170429	-0.75481	0.450365	0.609693
C5orf55	106.9727	0.138227	0.227714	0.607018	0.543839	0.685582
RNU6-757P	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RNA5SP203	0.410275	0.244283	3.100889	0.078778	0.937209	NA
RNU2-28P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SKP150	1.2638	-0.68861	1.777184	-0.38747	0.698407	NA
RNU4-72P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU4-14P	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	1.674075	-0.35038	1.560479	-0.22453	0.822342	NA
	0.845272	1.770638	2.207891	0.801959	0.422577	NA
RNU2-61P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNA5SP155	0.555087	0.973802	2.808575	0.346725	0.728798	NA
RN7SKP296	0.966942	0.917791	1.915974	0.47902	0.631924	NA
RNA5SP221	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-1054	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU2-64P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SKP30	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
EHHADH-A1	1.414302	-3.09041	1.920811	-1.60891	0.107636	NA
FTH1P10	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.569416	1.765492	1.765492	1	0.31731	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
VPS52	1128.948	-0.33597	0.128925	-2.60591	0.009163	0.04452
	1.809439	0.428428	1.452082	0.295044	0.76796	NA
EEF1A1P8	5.896336	0.128022	0.840339	0.152346	0.878914	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA

RAET1E-AS	2.170475	-0.56273	1.654061	-0.34021	0.733697	NA
	0.921281	-1.21902	2.226885	-0.54741	0.584096	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPS20P14	26.45355	0.529631	0.450529	1.175577	0.239764	NA
	3.660981	1.022934	1.170908	0.873625	0.382323	NA
	2.331096	1.510116	1.371203	1.101307	0.270763	NA
HLA-DPB1	589.3493	-0.02394	0.156362	-0.15311	0.878311	0.926986
ABCC5-AS1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
EPB41L4A-/	646.9651	0.104151	0.181333	0.574361	0.565723	0.702867
	1.05103	-0.7935	2.094237	-0.3789	0.704763	NA
HCG14	1.131248	-0.36273	1.88105	-0.19283	0.847091	NA
C5orf66	11.15196	0.708857	0.646181	1.096995	0.272644	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
MCCD1P2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	6.234458	0.191948	0.831528	0.230838	0.81744	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SLC31A1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	5.93898	0.412252	0.980538	0.420435	0.674168	NA
	4.258844	-0.58597	0.964177	-0.60774	0.543358	NA
SMIM13	503.4579	0.366421	0.173081	2.117053	0.034255	0.108321
HLA-DPB2	0.460669	-0.62593	3.398671	-0.18417	0.853882	NA
LPP-AS1	0.518736	2.237423	2.7713	0.807355	0.419462	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
TNK2-AS1	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.628146	-0.21495	3.102079	-0.06929	0.944756	NA
E2F3-IT1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CETN4P	10.23449	0.042476	0.647685	0.065581	0.947711	NA
RPL32P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DUX4L9	0.653015	0.2552	2.787103	0.091565	0.927044	NA
	7.100219	0.747005	0.762272	0.979972	0.3271	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC00240	2.51156	-0.96251	1.329763	-0.72382	0.469178	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
OPA1-AS1	0.629726	-0.22725	2.732935	-0.08315	0.93373	NA
SUCLA2P1	3.010731	-0.5376	1.177488	-0.45657	0.647982	NA
PSAT1P4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPL29P12	1.466477	2.270865	2.005054	1.13257	0.257395	NA
HMGB3P22	1.582025	1.324554	1.679402	0.788706	0.430284	NA
	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
RPL3P7	9.170146	0.065917	0.728337	0.090503	0.927887	NA
SETP20	0.462046	0.589069	3.442439	0.17112	0.86413	NA
	8.151096	-0.10541	0.80381	-0.13113	0.895671	NA

	45.74805	0.832225	0.339771	2.44937	0.014311	NA	
	38.67062	-0.243	0.42619	-0.57017	0.56856	NA	
	1.244103	1.47325	2.257332	0.652651	0.513981	NA	
OSTM1-AS1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	666.5014	0.130334	0.172572	0.755245	0.450102	0.609421	
	1.186597	-0.04644	1.739087	-0.0267	0.978695	NA	
	1922.372	-0.36082	0.175942	-2.05081	0.040285	0.120955	
	16.91443	0.031665	0.500317	0.063291	0.949535	NA	
	0.288605	1.443619	4.029058	0.358302	0.720117	NA	
NCBP2-AS1	1.679458	2.805265	1.781235	1.574899	0.11528	NA	
	2.514439	0.732437	1.372022	0.533838	0.593454	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
LEPREL1-AS	6.004566	0.916195	1.055627	0.867915	0.385441	NA	
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA	
	4.962207	-0.41815	0.929998	-0.44963	0.652977	NA	
TRAM2-AS1	36.6623	-0.24888	0.374192	-0.66511	0.505979	NA	
	4.568476	-0.53421	0.942642	-0.56672	0.570906	NA	
UBXN7-AS1	3.673085	-0.39705	1.039182	-0.38207	0.702406	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	13.76607	-0.22975	0.596223	-0.38534	0.699987	NA	
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	
NOL7	230.3944	0.064715	0.198975	0.325242	0.744998	0.839379	
	1.809788	-0.55855	1.421691	-0.39288	0.69441	NA	
	0.585114	1.12675	2.73598	0.411827	0.680466	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	5.560854	1.355211	0.91678	1.47823	0.139346	NA	
GTF2H2B	4.063506	0.24849	0.998654	0.248825	0.803496	NA	
ARHGAP26	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
NPY6R	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
ZNF192P1	12.43983	0.329711	0.607982	0.542304	0.587609	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	2.562864	1.620294	1.339764	1.209387	0.226514	NA	
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA	
	0.9197	-1.22346	2.227737	-0.54919	0.582872	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	2.756391	-0.6597	1.168654	-0.56449	0.572419	NA	
GAPDHP73	0.709944	0.232855	2.332364	0.099837	0.920474	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
KIF4B	0.788379	1.583268	2.566172	0.616976	0.53725	NA	
PSMD10P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.823499	-2.06708	2.534576	-0.81555	0.414756	NA	
FGF12-AS3	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.670433	1.255281	2.356401	0.532711	0.594234	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	

	2.812849	0.924313	1.337776	0.690933	0.489608	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
ERVMER34	2.947222	0.430338	1.182873	0.363807	0.716002	NA
	2.692439	0.903518	1.256763	0.718925	0.472187	NA
DANCR	1156.027	0.146781	0.148473	0.988602	0.322858	0.490809
COX6A1P2	40.4327	0.294363	0.332174	0.886173	0.375525	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
WDR46	1817.193	-0.11356	0.133753	-0.849	0.395881	0.560513
RBMX2P5	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
BTF3P13	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
ZNF717	94.47693	-0.21562	0.277886	-0.77594	0.437786	0.597921
	0.977824	1.072535	2.286794	0.469013	0.639061	NA
HCG15	7.504297	-0.6424	0.766654	-0.83792	0.402073	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
HCG4B	0.612162	-0.19706	2.47693	-0.07956	0.936588	NA
	1.198654	1.307481	1.836319	0.712012	0.476457	NA
DLG1-AS1	0.517155	2.232561	3.179631	0.702145	0.482589	NA
ATP5G1P4	2.907054	1.029835	1.344847	0.765764	0.443817	NA
	1.631867	2.786079	1.838189	1.515665	0.129604	NA
LTB	2.109486	-1.84844	1.748283	-1.05729	0.290379	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.108105	-1.62856	2.120834	-0.76789	0.442554	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HCG9P5	0.796661	1.607053	2.50763	0.640865	0.52161	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
HCG4P5	0.554095	-2.96528	3.108533	-0.95392	0.340127	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.845418	1.095819	2.535106	0.432258	0.665554	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
RPL3P2	16.58096	-0.81404	0.512456	-1.58851	0.112171	NA
HCG20	5.958541	-0.45983	0.817146	-0.56272	0.573624	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
HLA-U	90.66031	-0.7175	0.268045	-2.67681	0.007433	0.038826
MFI2-AS1	42.65202	-0.79831	0.365814	-2.18229	0.029088	NA
	2.809357	0.073441	1.197082	0.06135	0.95108	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	9.980403	0.169921	0.687924	0.247006	0.804904	NA
NLGN1-AS1	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
HCG11	287.2634	0.218684	0.194205	1.126046	0.260146	0.424389
COL6A4P2	0.631307	-0.20384	3.097925	-0.0658	0.947537	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
KATNBL1P6	0.096202	0.408546	4.079639	0.100143	0.920231	NA

LYPLA2P1	1.697051	0.81389	1.790776	0.45449	0.649476	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.910252	-0.05889	2.163226	-0.02722	0.978283	NA
	0.913027	1.87659	2.13519	0.878887	0.379463	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PTMAP1	0.612162	-0.19706	2.47693	-0.07956	0.936588	NA
TSTD3	23.84965	0.024294	0.458278	0.053013	0.957722	NA
	5.405245	0.800359	0.994406	0.804861	0.4209	NA
LINC01013	21.86111	0.176224	0.486204	0.362448	0.717017	NA
	37.65015	0.35545	0.363112	0.9789	0.327629	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	9.411475	0.057859	0.765753	0.075559	0.93977	NA
PROB1	92.51709	-0.11281	0.361674	-0.31191	0.755107	0.847146
DHFR	249.3756	0.447936	0.188608	2.374962	0.017551	0.069262
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SAPCD1	1.286951	2.396584	1.948979	1.229661	0.218824	NA
	0.495797	-0.73607	3.324282	-0.22142	0.824763	NA
RPL7L1P8	2.07627	-0.5899	1.351578	-0.43646	0.662506	NA
HCG22	0.651435	0.249629	2.788679	0.089515	0.928672	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA
	38.52021	0.349481	0.380253	0.919074	0.358057	NA
	2.59384	0.49647	1.262873	0.393128	0.694225	NA
	0.575812	0.936922	2.776634	0.337431	0.735792	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SUMO2P8	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA
	8.514852	0.527132	0.751598	0.701348	0.483086	NA
	0.574231	0.93227	2.49998	0.372911	0.709215	NA
	9.016758	1.632965	0.771379	2.116941	0.034265	NA
TMPOP1	4.654925	-0.82433	1.027659	-0.80215	0.422469	NA
	3.128088	0.477643	1.233967	0.387079	0.698697	NA
HCG4P8	1.102801	-0.56687	1.927854	-0.29404	0.768725	NA
	0.801202	1.538543	2.914591	0.527876	0.597585	NA
PTGES3P3	6.450147	-0.19477	0.912985	-0.21333	0.831068	NA
REV3L-IT1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
KRT8P12	103.0449	0.39639	0.254173	1.55953	0.118871	0.250438
ACAP2-IT1	1.850291	0.46146	1.416703	0.325728	0.74463	NA
	10.96236	0.518315	0.649437	0.798099	0.424813	NA
ACTG1P9	1.113481	0.468899	1.933629	0.242497	0.808395	NA
MICD	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
HLA-DRB6	0.49029	2.123092	3.304282	0.642527	0.520531	NA
	16.04323	0.397894	0.510379	0.779605	0.435624	NA
RPL21P44	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RPL4P4	18.49011	-0.54553	0.539858	-1.0105	0.312254	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA

MAST4-AS1	1.225869	-0.07951	1.838357	-0.04325	0.965503	NA	
	0.392711	0.292538	3.145221	0.09301	0.925895	NA	
EIF2S2P2	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	133.5213	0.697628	0.225689	3.091105	0.001994	0.01617	
	3.707	0.307065	1.123666	0.273271	0.784645	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	3.562151	0.161277	1.054983	0.152871	0.8785	NA	
TFAP2A-AS	191.3245	-0.03021	0.218977	-0.13795	0.890278	0.935909	
LRRC37A15	1.378943	0.121795	1.745607	0.069772	0.944375	NA	
MTAPP2	1.900491	2.094705	1.703433	1.229696	0.218811	NA	
	2.663322	0.149457	1.22865	0.121644	0.903181	NA	
	4.624886	0.954021	0.979745	0.973745	0.330183	NA	
	672.0349	0.137348	0.170477	0.805674	0.420431	0.583153	
FTH1P5	1.11225	-1.84067	2.365829	-0.77802	0.436554	NA	
XXYLT1-AS2	1.774668	0.864468	1.522063	0.567958	0.570063	NA	
	94.89486	-0.48561	0.259436	-1.87179	0.061236	0.15955	
ELOVL2-AS	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA	
	1.33457	0.31828	1.850972	0.171953	0.863475	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.708364	0.219301	2.144998	0.102238	0.918568	NA	
	0.574231	0.93227	2.49998	0.372911	0.709215	NA	
PA2G4P4	2.485596	0.786393	1.355943	0.57996	0.561942	NA	
HCG4P7	1.003439	-1.03737	2.189171	-0.47387	0.635596	NA	
	122.2749	1.169037	0.316463	3.694076	2.21E-04	0.004127	
	1.100083	-1.81673	2.026823	-0.89634	0.37007	NA	
OR2H4P	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	1.018713	1.086497	2.092548	0.519222	0.603606	NA	
UQCRHP1	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA	
	2.135532	1.299057	1.458087	0.890932	0.372966	NA	
	0.640406	1.11402	2.710977	0.410929	0.681124	NA	
HLA-K	5.744518	-0.40101	0.873098	-0.4593	0.646019	NA	
STMND1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA	
	1.04874	1.185767	2.243995	0.528418	0.597209	NA	
	10.1389	0.794476	0.665603	1.193618	0.232628	NA	
	2.089668	0.670778	1.571007	0.426973	0.669399	NA	
	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
LINC00271	1.691436	0.062501	1.630675	0.038328	0.969426	NA	
	2.333865	-0.17768	1.351318	-0.13149	0.895389	NA	
GCNT1P3	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
HCG18	330.4346	0.048221	0.160861	0.29977	0.764353	0.853784	
	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
	19.85086	-0.22042	0.47254	-0.46647	0.640883	NA	
BTF3P10	1.088815	-0.29525	1.943541	-0.15191	0.879257	NA	

HLA-T	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	3.688404	-1.17069	1.210494	-0.96712	0.333486	NA
COX11P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	29.26188	0.195067	0.436508	0.446881	0.654961	NA
RPL13AP	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.668697	0.909012	1.246004	0.729542	0.46567	NA
TBL1XR1-A	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.47961	0.535796	3.39605	0.15777	0.874638	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HLA-DPA1	728.6409	-0.42618	0.177603	-2.39962	0.016412	0.066156
	1.196082	-0.75368	1.944802	-0.38754	0.698359	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPS18	34397.79	0.178395	0.175587	1.015997	0.309631	0.476958
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL7P21	6.88189	-0.10157	0.759313	-0.13377	0.893585	NA
	5.409101	1.532357	0.987967	1.55102	0.120897	NA
	2.233168	1.843355	1.445539	1.275202	0.202238	NA
	4.861749	0.327265	0.962958	0.339853	0.733967	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
TMEM44-A	66.54687	0.088811	0.272059	0.326441	0.744091	0.838915
	93.826	-0.72656	0.854371	-0.8504	0.395103	0.559611
	5.507944	-0.59407	0.862485	-0.68879	0.490958	NA
	0.452561	2.061505	3.349456	0.615474	0.538241	NA
HMGB3P14	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MTND5P15	0.260158	1.240347	4.047124	0.306476	0.759242	NA
TRAF3IP2-A	63.99283	0.164003	0.288358	0.56875	0.569526	0.705805
TAPBP	3209.821	-0.76564	0.163305	-4.68843	2.75E-06	2.97E-04
	15.78969	0.904608	0.526836	1.717057	0.085969	NA
	10.71928	0.554838	0.664106	0.835466	0.403455	NA
PPP1R2P3	2.889343	1.474422	1.231237	1.197512	0.231107	NA
	0.572651	0.928649	2.780261	0.334015	0.738368	NA
LEF1-AS1	42.06996	-0.05622	0.337398	-0.16663	0.867663	NA
SCAND3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC01063	1.320673	-0.77722	1.811537	-0.42904	0.667896	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
NCOA7-AS1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
OR2H5P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	1.101221	-0.557	1.814706	-0.30694	0.758892	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	20.47729	0.444254	0.468402	0.948445	0.342903	NA
	109.3485	0.03267	0.265466	0.123066	0.902055	0.942689
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
	3.7347	0.898481	1.318204	0.681595	0.495495	NA
ATP5LP2	0.739768	1.404572	2.591328	0.542028	0.587799	NA
GPR79	0.096202	0.408546	4.079639	0.100143	0.920231	NA

	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
KNOP1P4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CCT6P4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.393832	3.667627	1.97519	1.856848	0.063333	NA
	1.454659	-0.14314	1.627714	-0.08794	0.929924	NA
	9.862314	0.332864	0.661776	0.502985	0.614975	NA
BDH2P1	0.488709	2.119056	3.307564	0.64067	0.521737	NA
	0.978999	3.124447	2.610028	1.197093	0.23127	NA
ETF1P1	0.824933	-0.18668	2.233587	-0.08358	0.933393	NA
TNF	1.922661	1.226147	1.926956	0.636313	0.524572	NA
GSTO3P	1.150043	1.185274	1.979154	0.598879	0.549253	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	7.669688	-0.38914	0.742775	-0.52391	0.600343	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
HCG25	3.631486	0.195864	1.019652	0.192089	0.847673	NA
	19.85474	0.104139	0.528648	0.196991	0.843834	NA
LINC00884	6.537965	0.141867	0.7758	0.182866	0.854903	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	5.233741	1.018761	0.928801	1.096856	0.272704	NA
HIST1H2AM	0.192403	0.975392	4.060716	0.240202	0.810174	NA
LINC00472	40.53082	0.308371	0.41606	0.741171	0.45859	NA
MICF	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	154.856	0.605859	0.349648	1.732767	0.083137	0.196293
XXYLT1-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
OSTN-AS1	0.897992	-1.0518	2.16635	-0.48552	0.627309	NA
	7.946065	-0.38447	0.760611	-0.50547	0.613228	NA
	0.792452	-2.15617	2.562821	-0.84133	0.400166	NA
STXBP5-AS1	13.65322	0.662022	0.559392	1.183468	0.236624	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HNRNPLP1	0.93741	-3.49975	2.723608	-1.28497	0.198804	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	2.39751	1.022432	1.321087	0.773932	0.438971	NA
	0.660976	-0.84029	2.673548	-0.3143	0.753294	NA
UFL1-AS1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.367914	0.791109	1.898548	0.416692	0.676904	NA
HIST1H2BN	7.655654	-0.6177	0.862747	-0.71597	0.474011	NA
KCNQ5-IT1	1.045376	2.066118	2.09889	0.984386	0.324926	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ADH5P4	1.477948	-0.15579	1.683756	-0.09253	0.92628	NA
YEATS2-AS1	3.591044	-0.07257	1.239442	-0.05855	0.953311	NA
PAIP1P1	2.052179	0.249241	1.35466	0.183988	0.854023	NA
	6.530629	-0.16029	0.807109	-0.1986	0.842573	NA
ZDHHC20P	2.084981	1.313786	1.543526	0.851159	0.394681	NA

	44.01998	0.166537	0.350721	0.474843	0.634899	NA	
	2.781524	3.594603	1.581572	2.272804	0.023038	NA	
	0.768215	1.51173	2.494681	0.605981	0.544527	NA	
DDX39B-AS	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
TXNP6	1.205384	-0.56038	1.915155	-0.2926	0.769824	NA	
TPRG1-AS1	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA	
	1.756901	1.38236	1.593708	0.867386	0.385731	NA	
	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA	
TRIM26	1664.026	-0.31735	0.139588	-2.27347	0.022998	0.08302	
	2.19418	-0.47604	1.606374	-0.29634	0.766968	NA	
ETV5-AS1	5.298093	1.447839	0.94588	1.53068	0.125849	NA	
	1.949471	1.180269	1.64521	0.717397	0.473129	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
ZNF879	52.37654	0.311434	0.358292	0.869219	0.384727	0.550705	
	4.115381	0.031086	1.033234	0.030086	0.975998	NA	
	1.213646	-0.78014	1.940269	-0.40208	0.687627	NA	
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA	
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
RPL34-AS1	4.276196	-1.06195	0.997418	-1.0647	0.287011	NA	
C5orf58	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA	
PPP1R2P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	0.834389	1.638864	2.19944	0.745128	0.456195	NA	
MCIDAS	0.47961	0.535796	3.39605	0.15777	0.874638	NA	
WDR82P1	0.411855	0.250456	3.097618	0.080854	0.935558	NA	
	5.780923	1.219494	0.890504	1.369443	0.170861	NA	
HLA-B	7455.81	-0.71859	0.138422	-5.1913	2.09E-07	5.27E-05	
	1.661851	-0.83498	1.718581	-0.48585	0.62707	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
MORF4	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	3.65106	1.249513	1.158914	1.078176	0.280955	NA	
	0.967291	-0.94461	2.160526	-0.43721	0.661958	NA	
	48.39735	0.505767	0.351117	1.440453	0.149739	0.293221	
EIF3EP1	3.403172	2.039051	1.256529	1.622764	0.10464	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	1.84713	0.442645	1.569134	0.282095	0.777871	NA	
TECRP1	17.74614	-0.85265	0.576704	-1.47848	0.139279	NA	
ZSCAN31	57.48412	0.05223	0.336848	0.155056	0.876777	0.926399	
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	19.80667	0.28715	0.483128	0.594355	0.552275	NA	
RPL39P3	3.498863	-0.46199	1.086705	-0.42513	0.670745	NA	
SUMO2P1	1.033466	-0.7302	1.946441	-0.37515	0.707552	NA	
	0.460466	0.568655	3.014642	0.188631	0.850382	NA	
HLA-W	13.50611	-0.41201	0.627174	-0.65693	0.511226	NA	

HLA-Z	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
KRT18P63	1.607843	-0.84781	1.701599	-0.49824	0.618313	NA
JARID2-AS1	0.892688	0.011962	2.434661	0.004913	0.99608	NA
	12.13133	0.304461	0.592021	0.514274	0.60706	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	9.647339	-0.60443	0.698154	-0.86576	0.386624	NA
SAPCD1-AS	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	2.789225	-0.88523	1.536804	-0.57602	0.564604	NA
IFITM4P	2.886568	0.701713	1.159402	0.605237	0.545021	NA
B3GALT4	270.2376	-0.34665	0.253655	-1.3666	0.17175	0.322883
TM4SF19-A	0.754374	0.344906	2.513743	0.137208	0.890866	NA
	6.444567	-0.0035	0.787085	-0.00444	0.996456	NA
	5.392143	-1.41197	0.92897	-1.51993	0.128529	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HMGN2P28	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ZBTB22	693.3715	-0.46332	0.159622	-2.90259	0.003701	0.024281
	0.727508	0.192954	2.572892	0.074995	0.940219	NA
	0.961566	-0.83657	2.359415	-0.35457	0.722915	NA
VEZF1P1	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
GUSBP5	5.679196	0.736868	1.028749	0.716276	0.473821	NA
	4.003647	0.695978	1.093243	0.636618	0.524374	NA
	0.823352	-0.17011	2.472341	-0.06881	0.945144	NA
	5.717556	-1.08812	0.884465	-1.23025	0.218602	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
	2.856448	0.530055	1.408254	0.376392	0.706626	NA
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
RANP1	3.606764	-0.11106	1.023458	-0.10852	0.913584	NA
BZW1P1	0.601483	-1.7332	2.729494	-0.63499	0.525436	NA
ARHGEF38	1.965694	0.686335	1.470951	0.466592	0.640792	NA
LINC01010	25.45437	0.561012	0.563974	0.994748	0.319859	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
CTAGE9	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
COX7A2P2	1.168976	-0.41512	1.914592	-0.21682	0.82835	NA
OR2AI1P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.956262	0.048146	1.9097	0.025211	0.979886	NA
C5orf27	3.787767	1.642894	1.209595	1.358219	0.174394	NA
SULT1D1P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.347189	0.804826	1.780891	0.451923	0.651324	NA
MICG	0.881769	-0.20384	2.229339	-0.09144	0.927147	NA
EHMT2-AS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TAAR9	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.727508	0.192954	2.572892	0.074995	0.940219	NA

MCFD2P1	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
RPS7P15	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NR2F1-AS1	68.20927	0.376588	0.331255	1.136852	0.2556	0.419747
CDKN2AIPN	820.8977	-0.09897	0.201903	-0.49018	0.624008	0.747838
	0.653015	0.2552	2.787103	0.091565	0.927044	NA
	0.488709	2.119056	3.307564	0.64067	0.521737	NA
HNRNPA1P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CDC42P6	11.48739	0.377958	0.588433	0.642313	0.52067	NA
HLA-DPA3	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RPSAP2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RGL2	2284.953	-0.27695	0.136238	-2.03285	0.042068	0.124711
	7.880549	-0.0868	0.718233	-0.12085	0.903809	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.488912	0.771583	2.897678	0.266276	0.790026	NA
KIFC1	809.6308	-0.45306	0.226166	-2.00322	0.045154	0.129997
HCG4P3	15.11254	-0.26415	0.606221	-0.43573	0.663035	NA
GSTA7P	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	1.826011	-0.91092	1.478551	-0.61609	0.537833	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
IRGM	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
P4HA2-AS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.670433	1.255281	2.356401	0.532711	0.594234	NA
FAM200B	515.5418	0.684468	0.169526	4.037532	5.40E-05	0.001726
GFOD1-AS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
C3orf79	29.82975	0.825345	0.689953	1.196234	0.231605	NA
	0.584911	2.38756	2.690807	0.887303	0.374916	NA
	0.92743	1.834049	2.364191	0.775762	0.43789	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
OR2I1P	12.8956	-1.13386	0.621243	-1.82515	0.067978	NA
	21.29106	0.451478	0.467037	0.966687	0.333701	NA
DDX39BP2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	1.380515	-2.27951	2.164938	-1.05292	0.292376	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
MRPL48P1	1.245013	-0.14306	1.979798	-0.07226	0.942396	NA
NMNAT1P3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ALG1L6P	14.59141	-0.65619	0.559116	-1.17363	0.240544	NA
	1.641905	0.146254	1.634613	0.089473	0.928706	NA
SNORA13	0.35636	1.709252	3.651833	0.468053	0.639746	NA

	3.339839	0.381464	1.146708	0.33266	0.739391	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.852156	0.629888	2.425889	0.259653	0.795132	NA
TRNAI2	0.422534	1.924583	3.001758	0.641152	0.521424	NA
TRNAI6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SCARNA7	1.878388	1.529417	1.509029	1.01351	0.310816	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SCARNA18	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SNORA47	0.979202	1.972754	2.08204	0.94751	0.343379	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	1.471218	2.277312	2.055633	1.10784	0.267931	NA
	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA
	0.735027	1.3952	2.594798	0.537691	0.59079	NA
SNORD123	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
RNU2-11P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
GAPDHP39	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	26.47223	0.4434	0.446298	0.993508	0.320463	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SL589P	0.460466	0.568655	3.014642	0.188631	0.850382	NA
RN7SL271P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TXNDC5	208.0429	-0.30542	0.228335	-1.33759	0.18103	0.333581
CLRN1-AS1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.052261	0.993047	2.045208	0.485548	0.627288	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL752P	0.260158	1.240347	4.047124	0.306476	0.759242	NA
PABPC1P10	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
ST3GAL6-A	82.88213	0.110453	0.292012	0.378247	0.705247	0.810853
	0.700488	-1.9689	2.983028	-0.66003	0.509233	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
RN7SL552P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.23121	-0.79704	1.984723	-0.40159	0.687987	NA
RPS15AP16	0.83597	1.639551	2.453777	0.668175	0.504022	NA
MARK2P8	0.584911	2.38756	2.690807	0.887303	0.374916	NA
PLCH1-AS1	1.7399	0.805252	1.580326	0.509548	0.610368	NA
FLYWCH1P	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
MYLK-AS1	19.43096	0.326219	0.462791	0.704895	0.480876	NA
	0.582339	-1.69412	2.750801	-0.61586	0.537985	NA
	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
RPSAP41	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GUSBP4	0.682693	2.623213	2.518338	1.041645	0.297576	NA

PDZRN3-AS	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
RPL21P39	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
	1.683616	-0.56017	1.665479	-0.33634	0.736614	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL273P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ENPP7P2	6.807348	0.169578	0.790775	0.214446	0.8302	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
RPL7P24	1.378797	0.877327	1.658782	0.528898	0.596876	NA
	3.312184	-0.69391	1.094709	-0.63387	0.526163	NA
SLC9A9-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00888	190.1276	0.16182	0.298409	0.542278	0.587627	0.720256
	3.994731	0.199059	0.979733	0.203177	0.838997	NA
DDX50P2	1.893876	-1.70301	1.672434	-1.01828	0.308543	NA
	2.189889	0.094883	1.371711	0.069171	0.944853	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LY6G5B	12.98889	-0.08024	0.56716	-0.14147	0.887499	NA
	8.198811	0.228459	0.687325	0.332389	0.739595	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PSMB9	592.0713	-0.63923	0.184303	-3.46838	5.24E-04	0.006967
RPL21P42	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	16.82849	0.402908	0.527172	0.764282	0.444699	NA
PCDHGC3	7363.149	-0.34375	0.169361	-2.0297	0.042387	0.125217
	3.03962	-0.89323	1.149327	-0.77718	0.437054	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
ACAD11	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SEC62-AS1	1.629295	0.702424	1.625006	0.432259	0.665553	NA
	12.70012	-0.17972	0.640719	-0.2805	0.779096	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.619601	-0.75992	1.264	-0.60121	0.547703	NA
LINC00636	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA
LRRFIP1P1	6.567426	1.491078	0.832243	1.791638	0.073191	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC00973	6.341329	1.608617	0.871056	1.846743	0.064784	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
SETP14	5.666565	-1.02345	0.919999	-1.11245	0.265946	NA
	4.800515	-0.30897	0.989605	-0.31221	0.754878	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TM4SF1-AS	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL7P15	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SL403P	0.624422	1.162588	2.733761	0.425271	0.670639	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
LSP1P2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MME-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA

KRT8P36	1.250628	0.827774	2.160628	0.383117	0.701633	NA
	0.792306	-0.44145	2.21354	-0.19943	0.841926	NA
ISY1	242.0279	0.178096	0.187335	0.95068	0.341767	0.509897
	1.481525	-0.01879	1.737485	-0.01081	0.991373	NA
RN7SL382P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
RN7SL502P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.47961	0.535796	3.39605	0.15777	0.874638	NA
PCDHGC5	9.795327	0.061802	0.743121	0.083165	0.93372	NA
	4.73021	-1.45756	0.949298	-1.5354	0.124685	NA
RPL36AP21	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	17.49293	0.295485	0.501819	0.588828	0.555977	NA
	1.204161	-0.07212	1.765777	-0.04084	0.967423	NA
RN7SL128P	0.584911	2.38756	2.690807	0.887303	0.374916	NA
LINC00886	18.1732	-0.06837	0.52489	-0.13026	0.89636	NA
	1.194704	-1.32372	1.908222	-0.69369	0.487874	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
PLCXD2	1.533443	-0.70521	1.574317	-0.44795	0.654191	NA
LSAMP-AS1	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	4.962913	-0.68426	0.906595	-0.75476	0.450394	NA
RN7SL751P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CYP51A1P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL29P14	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
HMGN1P8	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
ARHGAP31	2.52382	-0.55776	1.44051	-0.38719	0.698612	NA
LINC00877	1.894758	0.474687	1.452938	0.326708	0.743888	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
IQCJ-SCHIP	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
ENPP7P4	5.528533	-0.07842	0.849676	-0.0923	0.926461	NA
	3.278019	0.952522	1.274432	0.747409	0.454817	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	5.449222	0.794537	0.93127	0.853176	0.393562	NA
PPATP1	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
WWTR1-AS	16.51195	0.610113	0.521812	1.16922	0.242315	NA
SETP6	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CT64	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPP21	23.6141	0.049336	0.422522	0.116765	0.907046	NA
EGFL8	17.37276	0.060279	0.498328	0.120963	0.90372	NA

	3.840515	-0.83162	1.113759	-0.74668	0.455257	NA
KRT8P13	0.163957	0.424913	4.079006	0.104171	0.917034	NA
EEF1A1P25	1.631225	-0.44746	1.622828	-0.27573	0.782756	NA
	4.497572	0.194235	1.005335	0.193204	0.846799	NA
RPL7P19	0.697685	-0.92563	2.353044	-0.39338	0.694041	NA
HSPA8P9	49.41385	-0.01626	0.303864	-0.0535	0.95733	0.976509
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
CBX5P1	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
GUSBP2	3.005106	1.434534	1.295379	1.107424	0.268111	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.840989	0.350993	1.484648	0.236415	0.813111	NA
RARRES2P1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
UBQLN4P1	3.233132	-1.339	1.175417	-1.13917	0.254632	NA
	3.514658	0.457525	1.182819	0.386809	0.698898	NA
	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
	2.942267	0.145592	1.125565	0.12935	0.897081	NA
	0.803131	-0.76693	2.349822	-0.32638	0.744138	NA
	18.55973	0.47244	0.718837	0.657228	0.511034	NA
RPL7AP30	37.79676	0.138955	0.372617	0.372918	0.70921	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.415766	0.751898	1.147708	0.65513	0.512384	NA
RPS20P4	0.488912	0.771583	2.897678	0.266276	0.790026	NA
	3.922809	0.856527	1.026477	0.834434	0.404037	NA
WWTR1-IT1	0.476449	0.524262	3.402674	0.154073	0.877552	NA
ALG1L15P	1.140347	0.579353	2.036091	0.284542	0.775995	NA
RN7SL68P	1.695819	-0.35492	1.502388	-0.23624	0.813248	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
	2.2076	-0.44346	1.312082	-0.33799	0.735374	NA
RPL7AP31	0.602678	1.083611	2.70938	0.399948	0.689195	NA
LINC00969	47.81045	0.928873	0.339022	2.739863	0.006146	0.03389
FOXP1-IT1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
AMACR	58.05572	-0.04798	0.289731	-0.16561	0.868465	0.921978
RPL5P13	1.073969	1.636961	2.132951	0.767463	0.442806	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ABCF2P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SL127P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	8.372494	0.616584	0.749537	0.82262	0.410724	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
PVRL3-AS1	1.339488	0.884591	1.876659	0.471365	0.63738	NA
	3.254759	0.116353	1.062243	0.109535	0.912778	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA

	48.10772	-0.0682	0.325809	-0.20933	0.83419	0.900749
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TFP1	1.378797	0.877327	1.658782	0.528898	0.596876	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PCDHGC4	6.404464	0.661434	0.795048	0.831942	0.405442	NA
RPL7AP11	0.288605	1.443619	4.029058	0.358302	0.720117	NA
RBBP4P2	2.943404	0.725767	1.205259	0.602167	0.547063	NA
	0.99434	-2.42645	2.17316	-1.11655	0.264186	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00960	0.688228	-3.2761	2.887102	-1.13474	0.256486	NA
	0.765054	1.506026	2.496832	0.603175	0.546392	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	136.9521	0.231972	0.333827	0.694887	0.487126	0.640231
POU5F1P6	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
HLA-DMB	66.55424	0.298524	0.327016	0.912872	0.36131	0.52861
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	13.46575	0.128368	0.640331	0.200471	0.841113	NA
LINC00971	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	3.556847	2.153553	1.308506	1.645811	0.099803	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
RPL5P12	15.23883	0.599794	0.556628	1.077549	0.281235	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00882	11.51119	0.910326	0.776053	1.17302	0.240788	NA
ZBTB20-AS	0.487129	2.123445	3.910539	0.543006	0.587126	NA
SOX2-OT	1.079716	-1.10401	1.970373	-0.56031	0.57527	NA
	4.620459	-0.07983	0.99678	-0.08009	0.936169	NA
RPS26P21	1.284139	0.830248	2.021758	0.410657	0.681324	NA
	3.306677	-0.17432	1.089825	-0.15995	0.872918	NA
RPL5P11	0.574231	0.93227	2.49998	0.372911	0.709215	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PLCH1-AS2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA
FTH1P23	34.36026	0.153932	0.423869	0.363158	0.716487	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS15AP18	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FTH1P4	3.011174	-0.98124	1.122724	-0.87398	0.382128	NA
PTMAP8	0.326333	1.533889	3.826878	0.40082	0.688553	NA
EIF4EBP3	61.37437	-0.35967	0.356765	-1.00813	0.313393	0.480754
ARHGEF26-	6.118693	0.748305	0.938242	0.797561	0.425125	NA
LINC00870	0.872321	0.678609	2.011629	0.337343	0.735858	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.201429	3.443164	2.06292	1.669073	0.095103	NA
	5.441449	0.266912	0.884482	0.301772	0.762826	NA
	14.99569	-0.17831	0.607237	-0.29364	0.769031	NA

RN7SL558P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	3.054306	0.562517	1.156758	0.486287	0.626763	NA
	9.665501	0.550886	0.76821	0.717104	0.47331	NA
	0.629726	-0.22725	2.732935	-0.08315	0.93373	NA
RN7SL174P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL738P	2.259225	0.145935	1.31686	0.110821	0.911759	NA
RN7SL815P	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
MCCC1-AS1	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
RN7SL141P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TICAM2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.450981	2.057325	3.353149	0.61355	0.539513	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	21.43248	0.563249	0.573506	0.982116	0.326043	NA
C4orf48	1795.165	0.018175	0.178322	0.101924	0.918817	0.953065
GMFBP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.101075	0.447616	1.809417	0.247381	0.804613	NA
	0.816825	1.673341	2.21346	0.755984	0.449659	NA
HNRNPKP4	6.470015	0.625752	0.832768	0.751412	0.452405	NA
C6orf183	1.146882	1.181239	1.979819	0.59664	0.550748	NA
RPL17P22	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.450981	2.057325	3.353149	0.61355	0.539513	NA
CFB	5.145903	0.238868	0.875845	0.272729	0.785062	NA
LINC00883	286.3293	0.349236	0.20121	1.735686	0.082619	0.195427
OR5V1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
HLA-L	162.1612	-0.20276	0.238361	-0.85065	0.394964	0.559494
ST13P15	0.476449	0.524262	3.402674	0.154073	0.877552	NA
	6.834663	0.804808	0.782207	1.028894	0.30353	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PSMC1P7	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL5P17	0.972246	0.032713	2.31623	0.014124	0.988731	NA
	5.047223	-0.24262	0.891093	-0.27228	0.785409	NA
TIPARP-AS1	7.400589	0.102476	0.755517	0.135637	0.892108	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RN7SL684P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
VTI1BP1	0.708567	-0.60605	2.553496	-0.23734	0.812392	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ENO1P3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	1.506338	-0.39416	1.788825	-0.22035	0.8256	NA
RPS2P24	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FAM86DP	339.6342	-0.32083	0.158384	-2.02567	0.042799	0.125933
IL12A-AS1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC01011	21.11607	0.350225	0.44918	0.779699	0.435568	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA

RPS4XP6	0.802782	1.535222	2.550022	0.602043	0.547146	NA
HMGN1P1(	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PDCL3P4	1.254352	0.05565	1.700006	0.032735	0.973886	NA
ATP1B3-AS	3.01274	0.761226	1.23108	0.61834	0.536352	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
WWP1P1	0.640406	1.11402	2.710977	0.410929	0.681124	NA
PBX2P1	2.145366	-0.16838	1.383752	-0.12169	0.903147	NA
	2.194145	-1.96166	1.513853	-1.29581	0.195042	NA
PPIAP15	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	1.235207	0.087213	1.736669	0.050218	0.959948	NA
SIAH2-AS1	1.54826	0.022494	1.643784	0.013684	0.989082	NA
	5.086548	-0.63702	0.940312	-0.67745	0.498118	NA
ITGB5-AS1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	2.069357	1.246945	1.461082	0.85344	0.393415	NA
RN7SL762P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL36P	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.849381	-1.30173	2.226174	-0.58474	0.558724	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
HCG16	4.303363	-0.99787	0.962434	-1.03682	0.299819	NA
RPL7P23	2.531789	0.365928	1.246092	0.293661	0.769017	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
ETV5	4625.634	-0.76071	0.165824	-4.58743	4.49E-06	3.99E-04
RPL38P3	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	10.77882	0.212768	0.629606	0.337937	0.73541	NA
ERVFRD-1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
SLC9A9-AS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
KRT18P34	0.964516	-3.64949	2.277655	-1.6023	0.109089	NA
	0.452561	2.061505	3.349456	0.615474	0.538241	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.594599	-0.12152	2.771051	-0.04385	0.965021	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PTCHD4	314.7944	0.358359	0.237396	1.50954	0.131161	0.267719
	0.638825	1.117948	3.106359	0.35989	0.718929	NA
RN7SL47P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
C4A	0.898195	-1.76199	2.351517	-0.7493	0.453676	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	6.874738	0.518226	0.798065	0.649353	0.51611	NA
	3.227893	0.068535	1.084808	0.063177	0.949626	NA
LIFR-AS1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
LINC00847	705.9594	-0.28335	0.169781	-1.66893	0.095131	0.215801
IGFBP7-AS1	14.2844	0.025271	0.53954	0.046839	0.962642	NA
SMARCA5-A	1.014533	0.983298	2.05986	0.477361	0.633105	NA

LINC01024	16.38376	0.675208	0.528285	1.278111	0.20121	NA
	27.77862	0.2734	0.419229	0.65215	0.514305	NA
SAP30L-AS1	9.32563	-0.06139	0.720622	-0.0852	0.932106	NA
	4.53809	-0.51703	0.940875	-0.54952	0.582649	NA
	7.155781	-0.26424	0.760553	-0.34743	0.728267	NA
	3.904439	-0.38671	1.129753	-0.34229	0.73213	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
LINC00461	0.84823	2.93367	2.713279	1.081227	0.279596	NA
	255.6774	-0.0314	0.23239	-0.13512	0.892521	0.936854
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	1.241087	1.94541	2.287778	0.850349	0.395131	NA
NADK2-AS1	2.915161	0.375982	1.176759	0.319506	0.749343	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.91957	0.26705	1.881816	0.141911	0.887151	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	346.4864	0.027239	0.163243	0.166859	0.867481	0.921339
	0.891457	-2.39215	2.460214	-0.97233	0.330884	NA
	89.70795	0.172588	0.261461	0.66009	0.509196	0.657545
ALDH1L1-A	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NUDT16P1	1.754033	8.20E-04	1.86519	4.40E-04	0.999649	NA
	8.754495	0.524851	0.741322	0.707993	0.478949	NA
	1.005019	-1.03066	2.033647	-0.50681	0.612291	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PRR7-AS1	2.759174	0.908186	1.240891	0.731883	0.46424	NA
	9.706349	0.448246	0.737298	0.607958	0.543215	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.035767	-1.57535	1.459165	-1.07963	0.280309	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	56.10076	-0.3025	0.292336	-1.03477	0.300778	0.467542
	9.901308	0.041081	0.735193	0.055878	0.955439	NA
RGMB-AS1	12.32237	-0.50456	0.587921	-0.85821	0.390779	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
STARD4-AS	1.22868	1.387311	1.789047	0.775447	0.438075	NA
	0.783638	1.586366	2.937049	0.540122	0.589113	NA
	15.24669	-0.40519	0.570769	-0.7099	0.477768	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	3.088659	0.295417	1.130612	0.26129	0.793869	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
MIR4458H(	68.08379	0.345682	0.312784	1.105177	0.269083	0.433778
CKMT2-AS1	347.3615	0.413607	0.198256	2.08623	0.036958	0.114008
CPEB2-AS1	2.381673	0.616161	1.364308	0.451629	0.651536	NA
MTND4P12	1953.569	-0.66779	0.166844	-4.00247	6.27E-05	0.001891
	24.05611	-0.10328	0.437021	-0.23633	0.813178	NA
STX18-AS1	10.70323	-0.08643	0.681943	-0.12674	0.899147	NA
	0.556667	0.972496	2.522454	0.385536	0.699841	NA

	2.096552	0.10239	1.514549	0.067604	0.946101	NA
	81.8317	0.021654	0.253634	0.085375	0.931963	0.961401
TMEM161E	57.7499	0.99056	0.316117	3.133523	0.001727	0.01471
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
HMGN1P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
SEC24B-AS	7.916697	-0.09054	0.714825	-0.12666	0.899206	NA
FAM13A-A	5.172096	1.828486	1.05034	1.740852	0.08171	NA
UBA6-AS1	432.958	-0.13239	0.182207	-0.72662	0.46746	0.624
NNT-AS1	107.7293	0.359408	0.258587	1.389891	0.164562	0.313294
	0.658173	-0.01016	2.630582	-0.00386	0.996919	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.968725	0.233151	2.074813	0.112372	0.910528	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ADH1C	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.583919	-1.6942	2.749224	-0.61625	0.537732	NA
	10.15731	-0.23632	0.661819	-0.35708	0.721033	NA
	29.04465	0.916802	0.569734	1.609176	0.107578	NA
GAPDHP60	1.998193	-0.8045	1.519753	-0.52936	0.596556	NA
	0.871935	2.99121	2.649305	1.129055	0.258875	NA
PES1P1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.653015	0.2552	2.787103	0.091565	0.927044	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	2.576422	0.114583	1.20406	0.095164	0.924185	NA
CICP16	0.992613	-0.6177	2.048917	-0.30148	0.763051	NA
	0.881769	-0.20384	2.229339	-0.09144	0.927147	NA
	5.602348	-2.16847	0.968295	-2.23948	0.025125	NA
	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
OCIAD1-AS	0.748867	2.740193	2.468928	1.109871	0.267054	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
TRIM52-AS	145.1184	-0.20358	0.202113	-1.00726	0.31381	0.48127
	4.366842	-0.08054	1.017927	-0.07912	0.936935	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00616	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MEF2C-AS1	14.10237	-0.19507	0.552835	-0.35285	0.7242	NA
LUCAT1	1.982108	2.303502	1.902751	1.210616	0.226042	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
ARL2BPP6	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
LINC00504	26.39613	0.393636	0.523953	0.751281	0.452484	NA
	1.66204	2.53215	1.869432	1.354502	0.175576	NA

	0.967291	-0.94461	2.160526	-0.43721	0.661958	NA
PCDHAC1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
FOSL1P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.713668	-0.95576	2.626349	-0.36391	0.715923	NA
	28.46628	0.490202	0.46569	1.052636	0.292508	NA
PCDHGB8P	2.716151	-1.47835	1.429716	-1.03402	0.301128	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	19.5271	0.477876	0.506062	0.944304	0.345014	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.564315	1.893687	1.744001	1.085829	0.277555	NA
	1.856964	-1.24048	1.565636	-0.79232	0.428174	NA
	4.444545	0.695965	1.059433	0.656921	0.511231	NA
POU5F2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	5.86673	0.284285	0.830021	0.342504	0.731972	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
ANP32C	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.720624	1.435938	2.334155	0.615185	0.538432	NA
	0.937118	0.09073	2.07701	0.043683	0.965157	NA
	5.868853	0.046458	0.829239	0.056025	0.955322	NA
	1.576532	-0.9628	1.600171	-0.60169	0.547384	NA
	0.623045	0.091811	2.666142	0.034436	0.97253	NA
GDNF-AS1	28.46136	0.786005	0.423605	1.855512	0.063523	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.900767	0.808531	1.963257	0.411831	0.680463	NA
	2.259154	-1.0427	1.434319	-0.72696	0.467248	NA
HSPA8P4	12.6107	-0.61776	0.581404	-1.06253	0.287993	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GAPDHP40	1.197276	0.652468	1.752695	0.372265	0.709695	NA
	55.9349	0.435449	0.324704	1.341066	0.179899	0.332404
HMGA1P2	1.021003	-1.07763	2.391516	-0.45061	0.652273	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.82213	0.50433	2.197682	0.229483	0.818494	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
LINC00992	36.86071	1.26502	0.707409	1.788245	0.073736	NA
	1.639101	0.604773	1.647095	0.367176	0.713488	NA
OXCT1-AS1	2.915025	-2.22698	1.443804	-1.54244	0.122967	NA
	0.749217	0.7397	2.633289	0.280903	0.778784	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
TOX4P1	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
LINC01085	1.710986	-0.83266	1.793773	-0.46419	0.642509	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	12.03058	-0.42061	0.634219	-0.66319	0.507207	NA

NPHP3-AS1	1.67044	-1.14501	2.427098	-0.47176	0.637097	NA
	1.074172	0.44736	2.099228	0.213107	0.831244	NA
EGFLAM-AS	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	3.154391	0.913608	1.180311	0.774041	0.438907	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	6.998969	0.572561	0.789295	0.725408	0.468202	NA
	1.310839	1.430611	1.872879	0.763857	0.444953	NA
	0.785218	1.577495	2.568228	0.614235	0.53906	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
HIGD1AP14	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	4.287167	0.839222	1.036486	0.80968	0.418124	NA
	3.74075	0.087807	1.078755	0.081397	0.935127	NA
	0.652869	1.292592	2.374873	0.544278	0.58625	NA
	0.440301	0.468383	3.449808	0.135771	0.892003	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PCBP2P3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.2271	1.384124	1.759418	0.786694	0.431461	NA
USP46-AS1	57.32345	-0.04902	0.328298	-0.14933	0.881296	0.929351
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SERBP1P6	0.766634	1.516849	2.262991	0.670285	0.502676	NA
C5orf17	19.43644	0.160608	0.555771	0.288982	0.772595	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
HHIP-AS1	0.593018	-0.10389	3.151334	-0.03297	0.973702	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
HMGB1P21	0.911593	1.257757	2.250933	0.558771	0.576318	NA
NUP210P3	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
MTND5P11	5.232345	-1.11846	0.932379	-1.19958	0.230302	NA
	12.7377	-0.13311	0.646498	-0.20589	0.836878	NA
	5.012229	1.637029	1.027239	1.593621	0.111021	NA
	0.681461	0.491544	3.066278	0.160307	0.87264	NA
	28.29816	-0.06456	0.417571	-0.1546	0.877138	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.488912	0.771583	2.897678	0.266276	0.790026	NA
	0.574231	0.93227	2.49998	0.372911	0.709215	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.823352	-0.17011	2.472341	-0.06881	0.945144	NA
KRT8P46	1.802729	2.106935	1.642366	1.282866	0.199539	NA
LAMTOR3P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	2.006518	-0.86451	1.680207	-0.51453	0.606882	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CLUHP4	0.420954	1.923376	3.462803	0.555439	0.578594	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA

FTH1P21	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
HMGN2P4	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	3.239621	1.280837	1.16409	1.10029	0.271206	NA
	3.153603	-0.25614	1.108678	-0.23103	0.817289	NA
SUMO2P6	0.659753	-0.00581	2.629089	-0.00221	0.998237	NA
	1.483309	-0.45049	1.77171	-0.25427	0.799286	NA
	49.77682	0.146642	0.327088	0.448324	0.653919	0.771441
COX6B1P5	0.354779	1.703954	3.657232	0.465914	0.641277	NA
TBCAP3	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MTND6P4	1619.758	-0.49666	0.190183	-2.61146	0.009016	0.044166
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
SUDS3P1	5.046017	1.334355	0.971955	1.372857	0.169797	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PCDHA11	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	4.865057	0.093651	0.900732	0.103972	0.917192	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
HSPD1P5	0.563552	-0.48645	2.808029	-0.17324	0.862465	NA
	0.883146	1.112834	2.554178	0.435692	0.663061	NA
ATP1B1P1	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.911593	1.257757	2.250933	0.558771	0.576318	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	0.422737	0.518872	3.501356	0.148192	0.882191	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.629929	-1.1413	2.677641	-0.42623	0.669937	NA
TMEM150(	20.6002	-0.62364	0.490349	-1.27182	0.203436	NA
	2.744139	-0.05867	1.249087	-0.04697	0.962535	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	4.451739	0.381338	1.000333	0.381211	0.703047	NA
	1.848564	1.007892	1.528455	0.659419	0.509627	NA
ATP5LP3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
EEF1A1P9	19.97686	0.025286	0.536699	0.047114	0.962422	NA
PDLIM1P4	10.0401	-0.19342	0.678527	-0.28505	0.775603	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	5.070142	1.115229	0.992928	1.123172	0.261364	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

FTH1P24	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.487129	2.123445	3.910539	0.543006	0.587126	NA
	2.61566	-0.99899	1.32438	-0.75431	0.450664	NA
LINC01088	3.366367	-0.20305	1.22708	-0.16548	0.868568	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
UGDH-AS1	11.61041	-0.49234	0.620219	-0.79382	0.4273	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
NPM1P27	48.56559	0.738941	0.412799	1.790075	0.073442	0.180671
	5.455529	0.307004	0.926017	0.331532	0.740243	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
	6.515389	-0.04509	0.781394	-0.05771	0.953981	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	1.255778	-0.9021	2.16945	-0.41582	0.677543	NA
	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA
LINC01060	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
LINC00500	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.338237	-0.80071	1.980184	-0.40436	0.685947	NA
	1.311042	0.799739	1.708573	0.468074	0.639731	NA
NAIP	7.840282	0.441871	0.729643	0.605599	0.544781	NA
HMGN1P1⁴	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MLLT10P2	0.288605	1.443619	4.029058	0.358302	0.720117	NA
LINC01091	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
RBMXP4	1.189169	2.260443	1.954925	1.156281	0.247566	NA
	2.572552	0.892075	1.33224	0.669605	0.50311	NA
	0.47961	0.535796	3.39605	0.15777	0.874638	NA
RBBP4P1	2.953692	-0.24328	1.224822	-0.19862	0.842559	NA
	6.909105	-0.34483	0.777142	-0.44372	0.657246	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	3.198565	-1.29594	1.216539	-1.06527	0.286753	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
MIR302B	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.601483	-1.7332	2.729494	-0.63499	0.525436	NA
RCC2P4	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SERBP1P5	4.062902	0.276069	1.081682	0.255222	0.798551	NA
	0.787148	-0.70094	2.357021	-0.29738	0.766174	NA
	17.54684	0.644772	0.517901	1.244971	0.213143	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.686145	1.887386	1.078233	1.750443	0.080042	NA
	0.612365	-1.10341	2.696105	-0.40926	0.682349	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	7.866782	-0.19265	0.72669	-0.26511	0.790924	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA

MRPS33P2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
TNRC18P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NOP14-AS1	354.0448	-0.26105	0.17707	-1.47428	0.140406	0.280568
	8.945823	0.206303	0.710873	0.290211	0.771655	NA
	2.920398	2.848391	1.413805	2.014699	0.043936	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
THEGL	9.27551	-0.45226	0.837802	-0.53982	0.589322	NA
SRD5A3-AS	13.68893	0.571346	0.569321	1.003556	0.315593	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.533851	-0.20236	1.030113	-0.19645	0.84426	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.558248	0.982076	2.804738	0.350149	0.726227	NA
	0.662557	-0.83483	2.671964	-0.31244	0.754706	NA
	4.757731	0.351212	0.994487	0.353159	0.723969	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
ENPP7P10	0.518736	2.237423	2.7713	0.807355	0.419462	NA
HSPE1P10	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.979348	1.397336	2.229938	0.626625	0.530905	NA
	0.558248	0.982076	2.804738	0.350149	0.726227	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	7.657888	0.240229	0.748511	0.320942	0.748254	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	67.31888	-0.08634	0.278609	-0.3099	0.75664	0.848063
PGBD4P3	0.508056	0.731032	2.861912	0.255435	0.798387	NA
VCAN-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.586491	2.39072	2.689057	0.889055	0.373973	NA
	9.589087	0.343634	0.680132	0.505247	0.613386	NA
KRT18P31	0.450981	2.057325	3.353149	0.61355	0.539513	NA
HS3ST5	3.486617	-0.04339	1.059191	-0.04097	0.967324	NA
EEF1A1P19	17.16125	0.335673	0.57098	0.587889	0.556607	NA
SNX5P1	1.009228	2.053856	2.077371	0.98868	0.322819	NA
	6.713467	0.100053	1.108258	0.090279	0.928065	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
PDCD6	3064.535	0.246853	0.147108	1.678044	0.093339	0.213265
HNRNPA1P	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA

	1.036277	1.02959	1.932342	0.53282	0.594158	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RAC1P2	39.2415	0.161742	0.332238	0.486827	0.626381	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
XBP1P1	1.537449	1.844769	1.773573	1.040142	0.298274	NA
GBA3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
CDC42P4	0.586694	1.130467	2.734203	0.413454	0.679274	NA
	0.69625	-3.13723	2.93845	-1.06765	0.285679	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	3.321364	-2.28275	1.350286	-1.69057	0.090919	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.552792	-0.00282	1.066512	-0.00264	0.997892	NA
	0.698879	1.36795	2.596167	0.526912	0.598255	NA
SNX18P23	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.653015	0.2552	2.787103	0.091565	0.927044	NA
SLC7A11-A	19.84753	0.587333	0.481804	1.219028	0.222834	NA
	0.727508	0.192954	2.572892	0.074995	0.940219	NA
	4.588738	-2.13792	1.202899	-1.7773	0.075518	NA
CBX3P3	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
LINC01018	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.36103	1.54208	1.777738	0.867439	0.385701	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	35.9847	0.562047	0.42462	1.323648	0.18562	NA
	1.111754	1.266994	1.992225	0.635969	0.524797	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
PCDHA10	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	1.331409	0.291422	1.683059	0.17315	0.862533	NA
	2.896228	1.036532	1.223345	0.847293	0.396832	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.636447	-0.93085	1.316035	-0.70732	0.479371	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	3.336614	0.327401	1.168255	0.280248	0.779287	NA
MYLK-AS2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
EEF1A1P13	5386.05	0.087772	0.163397	0.537171	0.59115	0.722706
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
HMGN1P1	0.495797	-0.73607	3.324282	-0.22142	0.824763	NA

	7.569306	-0.44638	0.768714	-0.58068	0.561455	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
CIR1P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
LTV1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	4.86571	0.181157	0.974447	0.185908	0.852517	NA	
	6.052527	0.274691	0.89477	0.306996	0.758846	NA	
TRIM60P14	1.373493	1.652235	1.822255	0.906698	0.364567	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	1.239506	1.943067	2.060745	0.942896	0.345734	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	6.926749	0.422972	0.751619	0.562747	0.573607	NA	
	2.461076	0.011697	1.250833	0.009351	0.992539	NA	
PTTG2	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.776119	0.401378	2.295521	0.174853	0.861196	NA	
ZBED1P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
ZNF718	37.12175	0.728183	0.450697	1.615681	0.106163	NA	
SMIM20	623.9003	0.375211	0.152093	2.466982	0.013626	0.058084	
	7.779649	0.319224	0.763634	0.418033	0.675923	NA	
IGBP1P4	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	9.002948	-0.12068	0.668747	-0.18046	0.85679	NA	
	43.87041	-0.07525	0.363277	-0.20715	0.835893	NA	
KDELC1P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
LINC01021	40.27848	1.12577	0.383458	2.935837	0.003326	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	12.60104	-0.66478	0.600678	-1.10671	0.268418	NA	
EEF1GP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	11.63557	0.350364	0.594659	0.589184	0.555738	NA	
UNC93B4	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
UBE2CP3	0.420954	1.923376	3.462803	0.555439	0.578594	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
MTND6P2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.756975	0.468225	2.554602	0.183287	0.854573	NA	
	2.77262	1.045132	1.334725	0.783031	0.433609	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
KLHL2P1	0.719246	0.444943	2.542118	0.175028	0.861057	NA	
	0.354779	1.703954	3.657232	0.465914	0.641277	NA	
CLSTN2-AS	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA	
	0.324752	1.53082	4.022025	0.380609	0.703493	NA	
EIF3KP3	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	7.092863	-0.59847	0.834255	-0.71737	0.473146	NA	
CCT5P1	1.198857	0.654362	1.752472	0.373393	0.708856	NA	
	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
GMPSP1	1.174337	-0.74927	1.902857	-0.39376	0.693757	NA	
DUTP7	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
FAM218A	15.29816	0.613108	0.637789	0.961303	0.3364	NA	
INTS6P1	0.774888	-2.09879	2.346327	-0.8945	0.371054	NA	

	63.31501	0.346133	0.279546	1.238196	0.215643	0.374847
	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
CCT6P2	0.354779	1.703954	3.657232	0.465914	0.641277	NA
KRT8P33	8.881109	0.357502	0.689798	0.51827	0.60427	NA
	2.803393	0.311363	1.198606	0.259771	0.79504	NA
	0.640406	1.11402	2.710977	0.410929	0.681124	NA
	0.624422	1.162588	2.733761	0.425271	0.670639	NA
IQCJ-SCHIP	91.42227	0.903258	0.393465	2.29565	0.021696	0.080091
	1.708291	1.296247	1.620313	0.799998	0.423712	NA
	1.809439	0.428428	1.452082	0.295044	0.76796	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	4.377696	0.572006	0.972224	0.588348	0.556299	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
	5.270819	-0.29879	0.878263	-0.3402	0.733702	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
PABPC1P7	0.392711	0.292538	3.145221	0.09301	0.925895	NA
ST3GAL1P1	0.738188	1.39874	2.317793	0.603479	0.54619	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SEPP1	68.06511	0.358362	0.320327	1.118736	0.263253	0.427592
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	1.005865	3.174325	2.260631	1.404176	0.160266	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SNHG18	272.7895	-0.0052	0.214864	-0.02418	0.980705	0.989974
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.483106	-0.03797	1.580038	-0.02403	0.98083	NA
ZBED3-AS1	44.33995	0.035771	0.352086	0.101597	0.919077	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
DCAF13P2	1.016113	0.982108	2.268429	0.432946	0.665054	NA
	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
	15.65864	0.01456	0.562414	0.025888	0.979347	NA
	0.987455	-0.99643	2.195011	-0.45395	0.649863	NA
RNF138P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HNRNPKP1	2.6145	-0.63073	1.219449	-0.51722	0.605001	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	3.180231	-0.87995	1.157109	-0.76047	0.446972	NA
	1.285719	0.832387	2.021451	0.411777	0.680503	NA
RNPS1P1	7.619247	-1.06877	0.749662	-1.42567	0.153962	NA
	1.211116	1.435192	1.926921	0.744811	0.456386	NA
GMDS-AS1	35.19599	0.231493	0.379747	0.609599	0.542128	NA

	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.293624	0.063882	1.680651	0.038011	0.969679	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.568628	-0.38598	1.564893	-0.24665	0.80518	NA
	1.800543	-0.38901	1.612386	-0.24126	0.80935	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	3.073539	0.074083	1.305487	0.056747	0.954747	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.140622	0.264634	1.544978	0.171287	0.863998	NA
	1.353125	2.465848	1.88624	1.307282	0.191117	NA
ORAOV1P1	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.185089	0.343291	1.364346	0.251616	0.801338	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
THAP9-AS1	110.2629	1.356176	0.300056	4.519747	6.19E-06	4.77E-04
	2.084991	2.265563	1.69856	1.333814	0.182265	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	4.896424	0.290666	0.910783	0.319139	0.749621	NA
	4.206855	0.741075	0.975815	0.759442	0.447588	NA
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HTT-AS	1.361379	0.169816	1.648967	0.102983	0.917976	NA
ALG1L3P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
CTBP2P4	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
FCF1P8	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	17.78236	1.161027	0.524867	2.212042	0.026964	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HULC	0.979202	1.972754	2.08204	0.94751	0.343379	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
TMED7-TIC	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
GOLGA5P1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.033116	1.025241	1.933005	0.530387	0.595844	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA

	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
GTF2F2P1	5.473331	-0.37392	0.874241	-0.42771	0.66886	NA
RFPL4B	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
ALG1L7P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
ALG1L2	22.2078	-0.28888	0.447044	-0.6462	0.518151	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
TUBB7P	0.288605	1.443619	4.029058	0.358302	0.720117	NA
	1.101075	0.447616	1.809417	0.247381	0.804613	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	2.772563	0.997863	1.334056	0.747992	0.454465	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	1.919773	-0.14214	1.626033	-0.08742	0.93034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RTN3P1	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
HSPD1P11	3.925032	2.497054	1.195761	2.088256	0.036775	NA
WWC2-AS2	23.68843	0.012812	0.442278	0.028968	0.97689	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DBIP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.55687	-0.14239	3.170029	-0.04492	0.964172	NA
LINC00499	0.596179	-0.09275	3.146759	-0.02948	0.976485	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.517155	2.232561	3.179631	0.702145	0.482589	NA
ALDH7A1P1	0.968522	0.920016	1.915592	0.480278	0.63103	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.339443	0.284033	1.324263	0.214484	0.83017	NA
	1.803318	0.520739	1.666337	0.312505	0.754657	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	40.91463	0.770586	0.347412	2.218073	0.02655	NA
RTEL1P1	0.870886	-0.53073	2.310896	-0.22966	0.818353	NA
LINC01094	0.718052	-2.03248	2.581778	-0.78724	0.431142	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HAUS1P1	0.462046	0.589069	3.442439	0.17112	0.86413	NA
	0.870886	-0.53073	2.310896	-0.22966	0.818353	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
FKBP4P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.860207	-2.14053	2.512764	-0.85186	0.394291	NA
RPL32P3	120.2086	0.53018	0.230039	2.30474	0.021181	0.078699
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA

LYPLA1P2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FOXD1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PPIAP11	2.790424	0.696829	1.22324	0.569658	0.568909	NA
LINC01099	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.998346	1.943196	2.103833	0.923646	0.355671	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.668852	1.246964	2.610519	0.477669	0.632886	NA
DDX3YP3	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	19.14379	0.108988	0.482948	0.225673	0.821456	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	6.1007	0.499387	1.311484	0.38078	0.703366	NA
TET2-AS1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
LDHAP1	0.689366	-1.56115	2.700123	-0.57818	0.563145	NA
MSNP1	3.783295	-0.98583	1.117732	-0.88199	0.37778	NA
ABCA11P	5.070142	1.115229	0.992928	1.123172	0.261364	NA
HADHAP1	0.879205	-0.27615	2.437194	-0.11331	0.909788	NA
	1.307521	0.965064	2.104457	0.458581	0.646535	NA
	1.595437	-0.5998	1.62242	-0.3697	0.711608	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	4.936326	0.132181	1.110924	0.118983	0.905289	NA
	0.490493	0.776209	2.895261	0.268096	0.788625	NA
ZNF346-IT1	0.924655	-0.07191	2.416297	-0.02976	0.976257	NA
	0.556667	0.972496	2.522454	0.385536	0.699841	NA
FAM86EP	13.59733	-0.6405	0.576352	-1.1113	0.266441	NA
	38.50134	-0.08549	0.400281	-0.21356	0.830888	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	1.154989	-0.15951	1.966205	-0.08112	0.935343	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU7-175P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-1053	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
RNA5SP217	0.520316	2.239969	3.173769	0.705776	0.480328	NA
RNU7-47P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-583P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNA5SP162	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.487129	2.123445	3.910539	0.543006	0.587126	NA

	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA	
	3.175037	-1.03161	1.175742	-0.87741	0.380262	NA	
RNU7-18P	0.422534	1.924583	3.001758	0.641152	0.521424	NA	
	1.071251	-0.2597	1.986911	-0.1307	0.89601	NA	
	0.410275	0.244283	3.100889	0.078778	0.937209	NA	
RNU6-736F	0.410275	0.244283	3.100889	0.078778	0.937209	NA	
RMRPP2	12.87014	-1.09949	0.594682	-1.84886	0.064478	NA	
RN7SKP70	0.755955	0.348448	2.512583	0.138681	0.889702	NA	
RNU6-101(	0.641986	1.117767	2.709494	0.412537	0.679946	NA	
RNU6-531F	1.602044	1.906086	1.769986	1.076893	0.281528	NA	
RNU6-109{	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA	
RNU6ATAC	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
RNU6-678F	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA	
RN7SKP20{	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
RNU6-850F	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
RNU6-1142	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
RNU6-109(	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	1.189518	0.629177	2.053952	0.306325	0.759357	NA	
RN7SKP234	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RN7SKP64	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.995534	0.10093	2.147755	0.046993	0.962518	NA	
HNRNPA3P	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
CIR1P1	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
PCDHGA12	1553.47	-0.4157	0.167359	-2.48385	0.012997	0.05644	
	0.411855	0.250456	3.097618	0.080854	0.935558	NA	
GUSBP3	1.408759	-1.33322	1.927461	-0.6917	0.489126	NA	
	0.324752	1.53082	4.022025	0.380609	0.703493	NA	
	24.16838	0.786246	0.490343	1.60346	0.108833	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	0.326333	1.533889	3.826878	0.40082	0.688553	NA	
PCDHGB6	95.87025	-0.48018	0.271743	-1.76704	0.077222	0.186792	
	4.331357	1.063246	0.977113	1.08815	0.276529	NA	
MIR4454	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
	13.94872	-0.17359	0.563419	-0.30811	0.758001	NA	
	1.365791	1.704791	2.102832	0.810712	0.417531	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
CDC42P5	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
PCDHGA5	5.453656	-0.28122	0.983789	-0.28586	0.774987	NA	
	0.326536	0.037056	3.842554	0.009644	0.992306	NA	
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA	
MIR146A	1035.138	0.826514	0.171575	4.817216	1.46E-06	2.05E-04	
PCDHGA7	11.73314	-0.87334	0.593468	-1.47158	0.141134	NA	
FAM86HP	20.28031	-0.59473	0.460747	-1.29079	0.196775	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
GRPEL2-AS	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	0.422737	0.518872	3.501356	0.148192	0.882191	NA	

	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.820526	0.539865	1.024331	0.527041	0.598165	NA
	1.134622	0.410451	2.216341	0.185193	0.853078	NA
	0.843838	1.092325	2.536021	0.430724	0.666669	NA
PCDHGA6	59.70356	-0.68163	0.338434	-2.01409	0.044001	0.127866
	1.181293	0.703609	1.930238	0.364519	0.71547	NA
PCDHGA8	11.35845	0.033545	0.725938	0.046209	0.963144	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.268192	0.770271	1.929297	0.39925	0.689709	NA
LINC01170	0.260158	1.240347	4.047124	0.306476	0.759242	NA
PCDHGA10	377.8245	-0.5718	0.191021	-2.99339	0.002759	0.020066
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
PIGFP1	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
PCDHGA11	411.8221	-0.34471	0.186902	-1.84434	0.065133	0.166416
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PCDHGB2	21.27038	-0.14368	0.662048	-0.21703	0.828187	NA
	2.568343	-0.22511	1.202074	-0.18727	0.851451	NA
PCDHGB4	71.08965	-0.2557	0.489393	-0.52249	0.601332	0.730558
	6.460291	0.040528	0.802343	0.050512	0.959714	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.952239	-0.58283	1.566042	-0.37217	0.709767	NA
	7.009717	-0.68929	0.776844	-0.8873	0.374919	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.589223	-3.04304	3.047314	-0.9986	0.317989	NA
	0.654246	2.541085	3.009764	0.84428	0.398513	NA
	0.872524	-0.04714	2.136288	-0.02207	0.982395	NA
PCDHGB7	97.65051	-0.82905	0.313395	-2.6454	0.008159	0.041144
MTND6P3	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.652869	1.292592	2.374873	0.544278	0.58625	NA
PCDHGB1	6.949805	-0.95166	0.782005	-1.21695	0.223621	NA
	4.215523	0.291166	0.973814	0.298995	0.764944	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PCDHGA3	10.05404	-0.48789	0.778098	-0.62703	0.530641	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.488912	0.771583	2.897678	0.266276	0.790026	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	1.003439	-1.03737	2.189171	-0.47387	0.635596	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	5.734873	0.158238	1.016471	0.155674	0.87629	NA
	1.104053	1.332031	2.269145	0.587019	0.557191	NA

	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	1.607697	0.014776	1.512674	0.009768	0.992206	NA
	1.580648	0.625838	1.698867	0.368386	0.712586	NA
PBOV1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	61.39397	-0.2293	0.295151	-0.77689	0.437226	0.597569
PABPC4L	2.353401	1.422982	1.657097	0.85872	0.390495	NA
	2.302649	1.463891	1.374986	1.064659	0.28703	NA
	5.38793	0.370864	0.869996	0.426282	0.669902	NA
ANKHD1-EI	5.959216	0.954077	0.864964	1.103025	0.270016	NA
	18.17214	0.461071	0.503484	0.915762	0.359792	NA
PCDHA3	0.392711	0.292538	3.145221	0.09301	0.925895	NA
EBLN2	8.042895	1.512583	0.803256	1.883065	0.059692	NA
	9.760148	0.372906	0.650032	0.573672	0.566189	NA
MTRNR2L9	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.747876	-0.62091	2.562446	-0.24231	0.80854	NA
	1.225869	-0.07951	1.838357	-0.04325	0.965503	NA
HIST1H3G	4.925403	-0.3214	0.917835	-0.35017	0.726213	NA
CTSO	694.6304	-0.07323	0.190994	-0.38341	0.701418	0.808096
	0.916751	0.760304	2.340291	0.324876	0.745275	NA
SMLR1	0.49029	2.123092	3.304282	0.642527	0.520531	NA
SMIM3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HIST1H3F	1.168976	-0.41512	1.914592	-0.21682	0.82835	NA
ASIC5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZBTB11-AS	10.61125	0.410626	0.644292	0.637329	0.52391	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PPT2-EGFL8	8.607057	-0.65551	0.7139	-0.91821	0.358509	NA
	28.78026	-0.01828	0.394005	-0.0464	0.962988	NA
	9.658823	-0.32896	0.851872	-0.38616	0.699379	NA
	11.78962	-0.10605	0.671805	-0.15786	0.87457	NA
	13.51637	-0.31689	0.696481	-0.45498	0.649122	NA
	11.64108	0.2022	0.591799	0.341671	0.732599	NA
	2.230336	0.808908	1.430626	0.565423	0.571786	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	4.945474	1.596145	1.039831	1.535005	0.124783	NA
	9.100059	-0.29641	0.695792	-0.426	0.670106	NA
	4.929446	0.476532	0.938333	0.507849	0.611559	NA
	1.282392	1.378416	2.174636	0.633861	0.526172	NA
	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
	27.89983	0.061513	0.403858	0.152314	0.87894	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CASC14	14.51396	0.614411	0.624783	0.983398	0.325411	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	9.599923	0.500169	0.700893	0.713617	0.475464	NA
	5.842596	-0.35685	0.823273	-0.43345	0.664686	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA

	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	1.094751	1.216857	2.01996	0.602417	0.546897	NA
	0.891465	0.657772	2.431814	0.270486	0.786786	NA
	1.467911	2.620575	1.882259	1.39225	0.163847	NA
	17.95018	0.145094	0.545652	0.26591	0.790309	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	9.045203	1.070395	0.839629	1.274842	0.202365	NA
	1.539593	1.098873	1.649451	0.666205	0.50528	NA
	5.307608	-1.24694	0.93795	-1.32943	0.183706	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	115.6025	-0.48148	0.261648	-1.84019	0.06574	0.167212
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.450981	2.057325	3.353149	0.61355	0.539513	NA
	16.07569	0.584645	0.511677	1.142606	0.253202	NA
	33.58044	0.729831	0.444271	1.642762	0.100432	NA
	2.085341	1.166815	1.698518	0.68696	0.492108	NA
	0.854903	-0.47663	2.545657	-0.18723	0.851479	NA
	36.26005	-0.20714	0.354349	-0.58456	0.558841	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.516164	-1.70268	2.844782	-0.59853	0.549488	NA
	2.516368	-0.01785	1.217462	-0.01466	0.9883	NA
	18.43099	0.836958	0.529877	1.579534	0.114214	NA
	0.956059	0.787678	2.36595	0.332923	0.739193	NA
	18.91754	-0.60904	0.536832	-1.13451	0.256579	NA
	6.606234	1.186104	0.876505	1.353221	0.175985	NA
	1.689495	0.214366	1.601324	0.133868	0.893507	NA
	3.481561	0.812005	1.305668	0.621908	0.534002	NA
MANEA-AS	3.678285	1.214851	1.071437	1.133852	0.256857	NA
	2.580428	1.594005	1.311578	1.215333	0.224239	NA
	18.89766	1.442852	0.522077	2.763676	0.005715	NA
	0.738188	1.39874	2.317793	0.603479	0.54619	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	4.287715	-0.3054	1.150611	-0.26542	0.790683	NA
HLA-P	0.872321	0.678609	2.011629	0.337343	0.735858	NA
	0.801202	1.538543	2.914591	0.527876	0.597585	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.172683	0.396959	1.354498	0.293067	0.769471	NA
	6.389541	-0.38733	0.829666	-0.46685	0.64061	NA
	0.684273	2.627785	2.896325	0.907282	0.364257	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	38.50746	0.713851	0.440574	1.620276	0.105173	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
PCDHGA9	44.77516	-0.59923	0.388461	-1.54257	0.122936	NA

	0.260158	1.240347	4.047124	0.306476	0.759242	NA
PCDHB19P	0.629726	-0.22725	2.732935	-0.08315	0.93373	NA
PCDHGB3	24.31768	-0.16629	0.442959	-0.3754	0.707365	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PCDHGA4	82.11342	-0.53463	0.320417	-1.66853	0.095211	0.215867
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TAPT1-AS1	24.03619	0.108044	0.423384	0.255191	0.798576	NA
MIR378H	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	1.950602	-0.91518	1.390108	-0.65836	0.51031	NA
RN7SL471P	1.666353	-0.49253	1.620555	-0.30393	0.761183	NA
RN7SL689P	4.061117	0.664279	1.083133	0.613294	0.539682	NA
MIR4804	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR3936	1.552202	0.57156	1.57281	0.363401	0.716306	NA
MIR4639	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	8.343067	1.127719	0.827427	1.362924	0.172907	NA
RN7SL275P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL336P	1.101075	0.447616	1.809417	0.247381	0.804613	NA
MIR5685	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	26.9792	0.426681	0.423473	1.007576	0.313658	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
MIR4449	1.551007	-0.72774	1.546985	-0.47043	0.638051	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR4798	0.327913	1.543154	4.021063	0.383768	0.701151	NA
MIR3138	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RN7SL200P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR3136	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
RN7SL300P	0.258578	1.233151	4.047809	0.304646	0.760635	NA
MIR544B	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.784809	0.299865	1.227652	0.244259	0.80703	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR5091	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL682P	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
MIR4451	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	2.174052	-0.41142	1.286989	-0.31968	0.749212	NA
MIR3934	1.723246	-0.27497	1.627026	-0.169	0.865793	NA
MIR3145	0.460669	-0.62593	3.398671	-0.18417	0.853882	NA
MIR4642	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RN7SL637P	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA
	16.68747	-0.18518	0.559222	-0.33113	0.740545	NA
RN7SL773P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR4444-2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR4444-1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA

	0.973826	0.026039	2.097476	0.012415	0.990095	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	30.45755	-0.12652	0.410196	-0.30843	0.757755	NA
	76.69961	0.656791	0.422583	1.554229	0.12013	0.252328
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
EPB41L4A-/	43.17021	-0.05765	0.365711	-0.15764	0.874737	NA
	35.63555	-0.02616	0.396739	-0.06593	0.94743	NA
	2.214352	0.834755	1.423656	0.586346	0.557643	NA
MIR4453	24.85527	0.733315	0.515368	1.422896	0.154766	NA
	28.10256	0.179434	0.517602	0.346664	0.728844	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	19.74762	-1.64345	0.538484	-3.052	0.002273	NA
ZSCAN16-A	239.8899	0.1556	0.246583	0.631027	0.528023	0.673449
	10.80906	-0.26236	0.622712	-0.42132	0.673519	NA
	0.613743	-0.17004	2.749758	-0.06184	0.950691	NA
	11.10862	0.96807	0.658313	1.470533	0.141417	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.563552	-0.48645	2.808029	-0.17324	0.862465	NA
	161.3085	0.28908	0.277856	1.040394	0.298157	0.465146
TSPAN6	837.751	0.050341	0.191806	0.262458	0.792968	0.874397
TNMD	1.365734	2.175162	2.194216	0.991316	0.321531	NA
LAS1L	923.4749	-0.15174	0.165486	-0.91693	0.359178	0.5264
CFTR	0.816825	1.673341	2.21346	0.755984	0.449659	NA
ANKIB1	1577.583	0.302061	0.163678	1.845464	0.06497	0.166175
CYP51A1	397.5706	0.243799	0.192244	1.268178	0.204734	0.361395
KRIT1	402.2434	0.799668	0.308951	2.588337	0.009644	0.046045
MYH16	0.326333	1.533889	3.826878	0.40082	0.688553	NA
HECW1	0.937264	-1.23834	2.063944	-0.59999	0.548514	NA
MAD1L1	2405.938	-0.37882	0.143128	-2.64673	0.008127	0.041007
TMEM176A	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
KLHL13	223.2867	-0.01132	0.238025	-0.04757	0.962059	0.97942
ICA1	342.609	0.218033	0.174442	1.249891	0.211339	0.369587
MTMR7	11.51808	1.273177	0.679386	1.874011	0.060929	NA
SLC7A2	189.6212	0.272864	0.261033	1.045324	0.295873	0.463138
ARF5	2824.615	-0.18297	0.124625	-1.46819	0.142052	0.282988
CCDC132	397.6046	0.775465	0.304394	2.547567	0.010848	0.049628
PDK4	1733.487	0.923598	0.193081	4.783469	1.72E-06	2.24E-04
ABCB5	5680.624	0.040721	0.151274	0.269188	0.787785	0.871356
ARX	7.359414	0.695478	1.083728	0.641746	0.521038	NA
SLC25A13	1548.724	-0.09905	0.157013	-0.63082	0.528156	0.673547
ST7	1102.834	-0.53789	0.176463	-3.0482	0.002302	0.01771
HCCS	1099.576	-0.01483	0.16173	-0.09171	0.92693	0.958156
SKAP2	696.173	0.467275	0.210048	2.224608	0.026108	0.090631
SLC25A5	12676.18	-0.19462	0.128417	-1.51556	0.129632	0.266013
HOXA11	8.62723	-0.34912	0.667281	-0.5232	0.600834	NA

POLR2J	923.0884	-0.02622	0.143429	-0.18282	0.854939	0.913749
THSD7A	6.457292	-0.41165	1.036076	-0.39732	0.691133	NA
FAM214B	1828.202	-0.21315	0.162361	-1.31284	0.189238	0.343409
PRKAR2B	317.4093	0.612979	0.238945	2.565352	0.010307	0.048042
MSL3	644.3999	0.442422	0.167783	2.636864	0.008368	0.041768
CROT	463.8183	0.224458	0.181471	1.236879	0.216132	0.37531
ABCB4	565.7136	0.294199	0.204123	1.44128	0.149505	0.293079
KMT2E	850.2961	0.472356	0.319561	1.478138	0.139371	0.279378
RHBDD2	2727.731	-0.15947	0.165305	-0.96468	0.334704	0.50329
ZFX	548.1399	0.374527	0.192671	1.943864	0.051912	0.141932
LAMP2	9335.705	0.289801	0.156483	1.85196	0.064032	0.164591
ASB4	4.272855	-0.65514	1.422684	-0.4605	0.645161	NA
TAC1	737.1808	2.021636	0.808371	2.500878	0.012389	0.054536
RALA	1163.275	0.556363	0.186227	2.987552	0.002812	0.020314
BAIAP2L1	665.2864	-0.29759	0.19945	-1.49206	0.135684	0.274564
KDM7A	151.8716	0.879817	0.29372	2.995433	0.002741	0.019969
ETV1	718.9206	0.37027	0.200034	1.85103	0.064165	0.164827
AGK	770.2767	-0.0509	0.139699	-0.36437	0.715582	0.81867
PHTF2	823.1341	0.687688	0.182718	3.763659	1.67E-04	0.003495
GGCT	683.6302	0.594717	0.190726	3.118169	0.00182	0.01515
DBF4	237.3153	0.966764	0.210845	4.585196	4.54E-06	3.99E-04
IFRD1	514.2342	1.136228	0.207796	5.467997	4.55E-08	2.00E-05
GTF2IRD1	700.0179	-0.31156	0.161777	-1.92586	0.054122	0.146255
VPS41	3727.713	0.279619	0.141598	1.974738	0.048298	0.135641
SCIN	111.972	1.332164	0.30827	4.321423	1.55E-05	8.10E-04
ARSD	695.5398	-0.53498	0.15172	-3.52609	4.22E-04	0.006131
PNPLA4	525.206	-0.03946	0.15997	-0.24665	0.805181	0.883508
TKTL1	1.743199	-1.5863	1.808093	-0.87733	0.380306	NA
NOX1	4.252441	0.023067	1.18631	0.019444	0.984487	NA
PSMB1	3347.651	0.172674	0.14355	1.202885	0.229021	0.390822
SYN1	2.649378	2.720186	1.435542	1.894885	0.058108	NA
CDKL5	112.0184	0.052509	0.24419	0.215032	0.829743	0.897322
CYTH3	7887.838	0.035731	0.165254	0.216218	0.828818	0.896738
ADAM22	113.0013	0.508817	0.270118	1.883685	0.059608	0.156615
SYPL1	2479.956	-0.08699	0.123839	-0.70248	0.482377	0.636247
AASS	306.6684	0.498245	0.227128	2.193675	0.028259	0.095227
ST3GAL1	1235.021	-0.18575	0.20582	-0.90249	0.366795	0.534116
RHOBTB2	654.1446	-0.46798	0.157818	-2.96533	0.003024	0.021273
RPS20	16797.1	0.269118	0.15276	1.761707	0.078119	0.188276
UBE3C	3437.638	0.048321	0.145409	0.332311	0.739655	0.835583
MLXIPL	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
BAZ1B	2548.605	0.399313	0.216135	1.847513	0.064673	0.165736
STARD3NL	1916.439	0.368138	0.137399	2.679332	0.007377	0.038577
IDS	932.3283	0.154965	0.19388	0.799283	0.424126	0.586153
PRSS3	4.917271	0.90985	0.982399	0.92615	0.354368	NA
BTK	8.801728	-1.17863	0.787553	-1.49658	0.134504	NA
KAL1	190.7025	0.507644	0.209215	2.426427	0.015248	0.062789

RNF216	1210.123	-0.31212	0.135251	-2.30771	0.021015	0.078296
ANLN	1588.702	0.600503	0.193512	3.103183	0.001915	0.015674
RABGAP1	1238.408	0.317706	0.168862	1.88145	0.059911	0.157094
MBTPS2	966.9871	0.073657	0.18866	0.390419	0.696227	0.804148
PRICKLE3	445.5319	-0.44308	0.158426	-2.7968	0.005161	0.0302
EXTL3	5111.699	-0.43852	0.15413	-2.84514	0.004439	0.02725
KDM5D	759.0214	-0.07417	0.174279	-0.42558	0.670411	0.784109
NUB1	1533.506	0.149918	0.135286	1.108154	0.267795	0.432699
DNASE1L1	795.5681	-0.10996	0.159298	-0.69029	0.490011	0.642357
MAMLD1	584.5745	-0.48882	0.15338	-3.18701	0.001438	0.013218
ZC3H3	479.6751	-0.46636	0.173725	-2.68447	0.007264	0.038129
WAS	1.223094	-1.84374	1.855462	-0.99368	0.320379	NA
NUDCD3	3002.209	-0.4807	0.128225	-3.74888	1.78E-04	0.003606
SLC38A5	27.05048	0.490853	0.545544	0.89975	0.368253	NA
MAGIX	39.84572	0.117651	0.458538	0.256579	0.797504	NA
CXorf56	392.6665	-0.10688	0.159604	-0.66968	0.503062	0.653066
SNAI2	4523.163	0.028527	0.164568	0.173345	0.862381	0.918473
GPR124	2168.999	-0.7923	0.207976	-3.80959	1.39E-04	0.003102
FHL1	1302.566	0.079441	0.159511	0.498028	0.618464	0.743274
SLC45A4	199.6811	-0.3768	0.206295	-1.8265	0.067775	0.170548
RB1CC1	634.7771	1.074208	0.833585	1.288661	0.197516	0.353175
ERP44	1433.964	0.167801	0.160493	1.045537	0.295775	0.463076
RNASET2	152.8699	-0.09713	0.335527	-0.28948	0.772211	0.858857
AGPAT4	230.5297	0.027205	0.189061	0.143894	0.885584	0.932306
ANK1	1.180005	-1.57876	2.139972	-0.73775	0.460668	NA
TFB1M	334.5535	0.17254	0.168198	1.025815	0.304979	0.472185
HMGB3	663.254	0.068341	0.152238	0.448907	0.653499	0.771099
ABCF2	2478.413	-0.17328	0.144666	-1.19782	0.230987	0.393158
CHPF2	2650.149	-0.25159	0.157648	-1.59588	0.110516	0.238429
EFCAB1	27.64383	-0.00527	0.472276	-0.01115	0.991102	NA
RNF19A	1071.867	0.649848	0.223243	2.910952	0.003603	0.023891
NSMAF	1265.555	0.181309	0.161788	1.120653	0.262436	0.426852
MYOM2	17.08325	0.082456	0.487793	0.169039	0.865766	NA
OTC	1.079513	-0.47694	2.056893	-0.23187	0.816636	NA
STAU2	730.7829	0.526566	0.194148	2.712181	0.006684	0.035967
TNC	1230.386	-0.63575	1.167486	-0.54454	0.586068	0.71894
TG	1.938554	-0.35547	1.901301	-0.18696	0.851691	NA
ADAM28	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PHKA2	482.6871	-0.26136	0.157155	-1.66307	0.096298	0.21745
CNTLN	114.6977	0.901002	0.783768	1.149577	0.250318	0.413938
HSPA5	10895.01	-0.21186	0.160665	-1.31863	0.187292	0.341474
GEMIN8	190.9857	-0.14594	0.228052	-0.63995	0.522208	0.66864
OFD1	99.97476	1.053819	0.503873	2.091439	0.036489	0.113121
GPM6B	6614.288	0.418298	0.185896	2.250178	0.024438	0.086635
PREX2	10.5654	-3.04049	3.465027	-0.87748	0.380227	NA
CTPS2	695.9956	-0.11397	0.163087	-0.69884	0.484655	0.638256
ATP6V1H	3911.204	-0.12903	0.116207	-1.11034	0.266852	0.431705

XK	1.127884	0.383009	2.112806	0.18128	0.856148	NA
SCML1	158.5804	0.817265	0.242776	3.366329	7.62E-04	0.008802
WWC3	2206.722	-0.20742	0.152643	-1.35888	0.174185	0.326183
ARHGAP6	27.38406	0.327407	0.543459	0.602451	0.546874	NA
HDAC9	871.7665	1.115701	0.311433	3.58248	3.40E-04	0.005344
RRM2B	1769.219	0.735293	0.185094	3.97254	7.11E-05	0.002051
ZNF800	326.1145	0.517184	0.232362	2.22577	0.02603	0.090437
FAM120A	3738.72	-0.05191	0.169844	-0.30563	0.759886	0.850495
ELN	0.851742	-0.48655	2.547586	-0.19099	0.848537	NA
RFC2	929.4984	-0.04429	0.223948	-0.19775	0.843239	0.906757
ARID1B	2498.452	-0.22911	0.164479	-1.39292	0.163644	0.312198
FOXP3	0.640406	1.11402	2.710977	0.410929	0.681124	NA
PPP1R3F	227.96	0.16526	0.260294	0.6349	0.525494	0.67109
ARHGEF5	87.74116	-0.60907	0.286917	-2.12281	0.03377	0.107317
NFE2L3	186.2549	-0.51404	0.363807	-1.41294	0.157674	0.304087
LAMC3	21.44975	-0.74016	0.600069	-1.23346	0.217404	NA
PHPT1	2992.352	-0.04469	0.13888	-0.32179	0.747614	0.841287
ENTPD2	1.599821	-1.04115	1.538529	-0.67672	0.498586	NA
CUL1	1473.834	0.501461	0.173821	2.88492	0.003915	0.025102
KMT2C	1075.976	0.247006	0.249476	0.990099	0.322126	0.490281
ZNF280C	47.01575	0.411566	0.371624	1.10748	0.268087	0.433052
TRAF1	155.1239	0.403962	0.255235	1.582707	0.113488	0.242328
RC3H2	1810.922	0.320764	0.174159	1.84179	0.065506	0.166907
GYG2	2651.854	-0.55889	0.172899	-3.23248	0.001227	0.011864
CDK14	130.8672	0.751576	0.294807	2.549384	0.010791	0.049413
CAMK2B	0.624422	1.162588	2.733761	0.425271	0.670639	NA
TBXAS1	36.13718	-0.63427	0.430418	-1.47363	0.140583	NA
PARP12	377.6839	-1.05069	0.307849	-3.413	6.43E-04	0.007876
DNAJC25	200.1163	0.545031	0.202807	2.687438	0.0072	0.037853
MPC1	1091.673	0.325019	0.173812	1.869947	0.061491	0.160074
LZTS1	9288.532	-1.04555	0.171292	-6.10389	1.04E-09	1.02E-06
ARSF	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
MRPS24	3303.851	0.187204	0.181392	1.032039	0.302054	0.469066
ZNF275	327.6209	-0.21417	0.193792	-1.10517	0.269085	0.433778
MTMR1	745.9618	-0.13288	0.155213	-0.85613	0.391927	0.557055
TAF2	708.2287	0.522206	0.175819	2.970133	0.002977	0.02103
HIPK2	2550.008	-0.66523	0.277176	-2.40002	0.016394	0.066132
TNPO3	2084.732	-0.11073	0.127176	-0.87065	0.383946	0.550052
CDK13	960.2716	-0.02284	0.174054	-0.13123	0.895595	0.939084
SLC9A7	3.282809	0.182155	1.367638	0.13319	0.894043	NA
MSANTD3	1460.673	0.261363	0.171922	1.520242	0.12845	0.264779
ARFGEF1	884.6795	0.673162	0.239363	2.812303	0.004919	0.029215
ZFAT	510.0653	-0.33741	0.226815	-1.48759	0.136859	0.276023
MTFR1	974.454	0.433452	0.150397	2.882057	0.003951	0.025263
STAG3	27.05752	-0.31985	0.409521	-0.78103	0.434783	NA
DDX3Y	1255.678	0.923104	0.192704	4.790269	1.67E-06	2.24E-04
TRAM1	3675.455	0.554693	0.153853	3.605343	3.12E-04	0.005056

PHKA1	204.5377	-0.01896	0.399129	-0.0475	0.962112	0.97942
TRO	839.0634	-0.24784	0.189907	-1.30507	0.19187	0.346488
PMS2P4	68.33531	-0.19411	0.286272	-0.67808	0.497722	0.648692
ZFY	298.3509	0.992598	0.252972	3.923742	8.72E-05	0.002349
IDH3G	2133.246	-0.13082	0.143819	-0.9096	0.363036	0.530284
PDZD4	267.8704	-0.38316	0.267459	-1.43258	0.151979	0.296188
PDK3	298.9677	-0.21416	0.181307	-1.18123	0.237513	0.400358
OTUD5	1989.82	-0.2647	0.125733	-2.10529	0.035266	0.110487
TFE3	2451.088	-0.19811	0.16436	-1.20531	0.228084	0.389884
TBC1D25	819.4172	-0.37842	0.192216	-1.96873	0.048984	0.136932
ACSL4	1397.665	0.784919	0.224889	3.490246	4.83E-04	0.006662
GPKOW	600.5011	-0.27797	0.149556	-1.85861	0.063083	0.162824
GRIPAP1	956.3238	-0.22216	0.16205	-1.37093	0.170397	0.320797
FTSJ1	1025.983	-0.1383	0.157404	-0.87862	0.379608	0.546015
FUNDC1	454.9033	0.617663	0.191229	3.229966	0.001238	0.011874
MAOB	13.97488	-0.53307	0.601587	-0.8861	0.375563	NA
IKBKAP	1378.594	-0.07455	0.155435	-0.47965	0.631478	0.753743
PTPN3	584.213	0.201689	0.240519	0.838556	0.401718	0.566409
SLC44A1	1440.626	0.106202	0.20754	0.511718	0.608848	0.735919
POLB	1337.102	0.564711	0.225587	2.503292	0.012304	0.054267
FRMPD1	0.488912	0.771583	2.897678	0.266276	0.790026	NA
GBA2	1268.856	-0.12369	0.148732	-0.83165	0.405608	0.56959
ASNS	171.8694	0.309745	0.248344	1.247242	0.212309	0.370899
AP3M2	1431.342	-0.2661	0.159768	-1.66553	0.095807	0.216643
PABPC1	21967.07	-0.20972	0.187911	-1.11605	0.264399	0.428902
OSBPL3	683.8737	0.272685	0.16386	1.664131	0.096086	0.217137
SNX13	752.2533	0.76201	0.224107	3.400209	6.73E-04	0.008102
RPS6KA2	8048.108	-0.0601	0.254849	-0.23581	0.813577	0.888773
ING3	191.6004	0.596794	0.223132	2.674622	0.007481	0.039002
WBSCR22	2394.351	0.024635	0.135568	0.181714	0.855807	0.914347
ATP6AP1	7434.317	-0.42279	0.145414	-2.90753	0.003643	0.024068
FAM50A	2579.332	0.086063	0.138131	0.623052	0.53325	0.677202
FAM3A	1839.667	-0.15194	0.128586	-1.18161	0.237361	0.400283
CPSF1	2232.723	-0.45352	0.134689	-3.36714	7.60E-04	0.008794
PDCD2	1511.248	0.097098	0.14788	0.656599	0.511439	0.659379
SMC1A	2121.27	-0.1217	0.143172	-0.85003	0.395308	0.559815
HSD17B10	2510.95	-0.09098	0.150654	-0.60393	0.545892	0.687439
IKBKG	513.0939	-0.21382	0.15344	-1.39352	0.163462	0.312042
CYP2W1	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
CLCN4	31.78505	-1.06504	0.474683	-2.24369	0.024852	NA
VDAC1P1	4.267201	0.20827	1.11369	0.187009	0.851653	NA
IPCEF1	0.661122	-3.06315	2.98049	-1.02773	0.304076	NA
SRI	2428.943	0.205021	0.171525	1.195286	0.231975	0.394248
SEMA3A	31.01026	0.418631	0.462436	0.905273	0.365321	NA
SEMA3C	2387.122	0.455109	0.291258	1.562564	0.118155	0.249487
SLC25A40	413.0223	0.433906	0.172423	2.516521	0.011852	0.052881
FSCN1	570.5439	-0.6114	0.579235	-1.05552	0.291185	0.458082

ACTB	81234.85	-0.48208	0.175606	-2.74526	0.006046	0.03362
BCAP29	960.4632	0.953174	0.227619	4.187585	2.82E-05	0.001145
TPD52	219.787	0.06839	0.193316	0.353775	0.723508	0.824463
PAG1	2925.308	0.162474	0.195028	0.833082	0.404799	0.569128
GPC4	269.756	-0.02173	0.307502	-0.07065	0.943675	0.968771
MBNL3	185.1699	0.371096	0.250421	1.481885	0.138371	0.277985
CTTNBP2	524.6493	0.21246	0.166689	1.274587	0.202456	0.358815
LRCH4	1907.643	-0.4141	0.139131	-2.97634	0.002917	0.020745
SLC25A43	1206.05	0.025735	0.147858	0.174054	0.861823	0.91821
UBE2A	2002.7	0.046945	0.124046	0.378451	0.705095	0.810836
FGFR1	2635.891	-0.28081	0.150263	-1.86877	0.061655	0.16029
FKBP6	0.651435	0.249629	2.788679	0.089515	0.928672	NA
GTF2I	1445.917	-0.25515	0.173216	-1.47299	0.140752	0.281197
AMPH	32.9514	-0.67021	0.519902	-1.28911	0.197359	NA
ARAF	1523.425	-0.32433	0.143595	-2.25862	0.023907	0.085393
SYNJ2	119.8293	0.157036	0.354103	0.443476	0.657421	0.774109
PMS2P1	160.4469	-0.10106	0.217594	-0.46444	0.642329	0.761939
HOXA9	8.357303	0.228355	0.720828	0.316795	0.751399	NA
ZCWPW1	59.53623	0.48693	0.312867	1.556345	0.119626	0.251537
FGF20	0.679532	2.619206	2.901822	0.902607	0.366734	NA
ITM2A	1611.142	-0.06723	0.21506	-0.31261	0.754578	0.846873
VDAC3	3090.876	0.078208	0.135775	0.57601	0.564608	0.70228
PCM1	987.7899	0.850299	0.608249	1.397946	0.162129	0.310007
BRINP1	0.460466	0.568655	3.014642	0.188631	0.850382	NA
UBE2D4	160.3738	-0.07287	0.210359	-0.34643	0.729022	0.827945
RUNX1T1	6.961074	0.689183	0.765769	0.899989	0.368126	NA
CDH17	0.326333	1.533889	3.826878	0.40082	0.688553	NA
FDFT1	11215.62	-0.18199	0.177524	-1.02516	0.305287	0.472538
OPHN1	298.1804	-0.3914	0.217003	-1.80365	0.071286	0.176762
RFX3	92.93182	0.658736	0.316003	2.084587	0.037107	0.114349
SMARCA2	2120.336	0.088374	0.187265	0.471916	0.636987	0.7578
MID2	168.5838	-0.19641	0.285002	-0.68916	0.490722	0.642818
KIAA0020	434.6099	0.978329	0.328314	2.979856	0.002884	0.020568
CNOT4	469.2061	0.125549	0.205895	0.609771	0.542014	0.684154
CDC14B	691.1007	0.121694	0.149907	0.811799	0.416907	0.580061
ZNF510	189.12	0.861614	0.259499	3.320302	8.99E-04	0.009725
CADPS2	217.2217	0.012009	0.238563	0.050339	0.959852	0.977917
SMARCD3	766.4616	-0.11736	0.178438	-0.65773	0.510711	0.659019
DLG3	207.6504	0.178008	0.201415	0.883787	0.376811	0.543599
TRPM3	68.14391	0.688724	0.330156	2.086058	0.036973	0.114027
KAT6A	1259.211	-0.2563	0.187895	-1.36405	0.172551	0.323928
ZCCHC6	414.6003	0.82016	0.262646	3.122679	0.001792	0.015079
GRHL2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RRAGB	325.5917	-0.05926	0.186526	-0.31769	0.750722	0.844063
BCORL1	486.9329	-0.67647	0.198551	-3.40701	6.57E-04	0.007978
ATRX	830.1101	0.721121	0.997097	0.723221	0.469544	0.625866
MAP3K4	346.4718	0.288516	0.172865	1.669024	0.095113	0.215801

PILRA	0.47961	0.535796	3.39605	0.15777	0.874638	NA
ABCB1	32.42389	0.702091	0.485283	1.446767	0.147962	NA
AKR1B1	10074.63	0.290496	0.345782	0.840114	0.400844	0.565475
CPNE3	2604.498	0.120348	0.171461	0.701899	0.482742	0.636586
DDHD2	1894.847	0.270891	0.156071	1.735689	0.082619	0.195427
DNAJA1	5599.169	0.645947	0.178403	3.620727	2.94E-04	0.004857
B4GALT1	2322.775	-0.45443	0.144362	-3.14787	0.001645	0.014318
CHMP5	2190.814	0.679639	0.175834	3.865226	1.11E-04	0.002747
NFX1	1101.677	0.088316	0.143067	0.617306	0.537033	0.680184
EIF2AK1	3619.151	-0.04522	0.137877	-0.32799	0.742922	0.837997
EPDR1	2164.381	0.022733	0.144122	0.157736	0.874665	0.925156
SNX10	1107.197	0.643178	0.254622	2.526007	0.011537	0.051904
TXLNG	288.8186	0.574749	0.204807	2.806293	0.005012	0.029676
PPEF1	22.26925	0.094135	0.500439	0.188104	0.850795	NA
LAT2	6.487656	-0.07935	0.822632	-0.09646	0.923157	NA
HUWE1	8298.023	-0.60242	0.167219	-3.60258	3.15E-04	0.005089
TRIP6	4817.494	-0.19359	0.136841	-1.41474	0.157146	0.303367
ACHE	98.77913	-0.25754	0.239885	-1.0736	0.283002	0.449369
SRRT	3084.151	-0.20898	0.163092	-1.28137	0.200065	0.356067
PIR	7921.261	0.063021	0.154957	0.406701	0.684228	0.794605
IGBP1	1695.9	0.040253	0.129024	0.311977	0.755058	0.847146
HEPH	963.0458	-0.52803	0.131257	-4.0229	5.75E-05	0.001791
RBM41	164.3729	0.786876	0.34486	2.281726	0.022506	0.081968
ARHGAP4	34.86343	-0.76464	0.389259	-1.96436	0.049489	NA
SPTLC1	1293.619	0.398018	0.147329	2.701559	0.006902	0.036755
MRPS33	1032.533	0.314143	0.196308	1.600254	0.109542	0.236889
NDUFB2	2189.934	0.078379	0.131222	0.597301	0.550306	0.691602
EFNB1	203.0256	-0.59104	0.202008	-2.9258	0.003436	0.022986
KIF4A	945.9934	-0.07504	0.169451	-0.44283	0.657892	0.774307
DTX2	257.4404	-0.18066	0.216721	-0.83362	0.404495	0.569031
PUS7	297.2731	0.601254	0.182757	3.289903	0.001002	0.01035
LAMB4	2.080569	0.151284	1.434694	0.105447	0.916021	NA
NRCAM	3079.502	0.732132	0.20451	3.579941	3.44E-04	0.00538
LAMB1	3039.141	-0.05253	0.188809	-0.27821	0.780854	0.8655
SLC26A4	16.74205	1.088323	0.574227	1.895284	0.058055	NA
DLD	1822.144	0.508596	0.185923	2.735519	0.006228	0.034188
SMPX	0.624625	0.096176	2.664509	0.036095	0.971207	NA
ZFHX4	20.27027	0.125778	0.515454	0.244014	0.80722	NA
ZC3HC1	603.7643	-0.2991	0.152615	-1.95985	0.050013	0.138529
ESR1	68.48403	-0.22081	0.292373	-0.75523	0.450113	0.609421
RGS17	29.32743	0.918365	0.436694	2.102994	0.035466	NA
ANGPT2	88.54695	0.107968	0.461723	0.233837	0.815112	0.889858
TBL1Y	0.162376	0.424913	4.079006	0.104171	0.917034	NA
EZR	6700.798	-0.30778	0.118908	-2.5884	0.009642	0.046045
DPYSL2	3728.017	-0.39873	0.197347	-2.02045	0.043336	0.126884
HDAC6	1433.264	-0.46149	0.131049	-3.52148	4.29E-04	0.006182
UPRT	389.7973	0.212791	0.181791	1.170526	0.241789	0.404887

EPB41L4B	2.298883	-0.68755	1.348458	-0.50988	0.610137	NA
TMEM38B	366.7962	0.582678	0.191588	3.041298	0.002356	0.017982
PSMD5	1186.532	0.080536	0.16489	0.488424	0.62525	0.748721
PTGS1	6.26539	-0.18249	0.844213	-0.21616	0.82886	NA
NUP188	1677.722	-0.5003	0.140946	-3.54961	3.86E-04	0.005775
CRAT	1134.478	-0.30616	0.145078	-2.11032	0.034831	0.109586
SH2D3C	17.25636	-0.34544	0.540258	-0.6394	0.522562	NA
NANS	1175.012	-0.01019	0.142607	-0.07148	0.943012	0.968558
TBC1D2	207.8852	-0.18341	0.206036	-0.89021	0.373355	0.539792
DFNB31	1221.794	0.048167	0.186812	0.257835	0.796534	0.87685
IFT74	103.6431	1.10025	0.891775	1.233776	0.217286	0.37671
JAK2	226.5514	0.599564	0.309393	1.937872	0.052639	0.143258
ABL1	3851.503	-0.48547	0.135009	-3.59582	3.23E-04	0.005181
PCSK5	17.0311	-0.3516	0.526473	-0.66784	0.504238	NA
ERMP1	771.6512	-0.25282	0.157018	-1.61012	0.107372	0.233913
AMELY	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
PRKY	213.8389	0.576412	0.200408	2.876191	0.004025	0.025476
MTAP	843.8772	0.202187	0.18758	1.077873	0.28109	0.447292
CSTF2	506.218	-0.09342	0.151949	-0.61484	0.53866	0.681093
MXRA5	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
VSIG1	0.949378	0.969416	2.078125	0.466486	0.640868	NA
PSMD10	1717.985	0.239115	0.161666	1.479067	0.139122	0.279116
ATG4A	574.5234	0.40859	0.189421	2.157051	0.031002	0.101442
STS	524.1822	0.100841	0.194499	0.518465	0.604134	0.732942
TBL1X	941.4216	-0.41373	0.164392	-2.51676	0.011844	0.052866
GPR143	7159.618	-0.4716	0.206082	-2.28841	0.022114	0.081088
PGRMC1	2671.335	0.102689	0.142523	0.720506	0.471213	0.627368
POLA1	522.2301	0.238753	0.144651	1.65055	0.098831	0.221607
MID1	1973.509	0.116532	0.168236	0.69267	0.488516	0.641347
NKAP	305.0306	0.614859	0.244181	2.518046	0.011801	0.052732
NXT2	213.0721	0.537348	0.225035	2.387842	0.016948	0.067758
ALG13	334.3298	0.201269	0.189556	1.061797	0.288328	0.454443
PRPS2	967.7819	-0.03361	0.185668	-0.18104	0.856339	0.914668
MOSPD1	505.5896	0.503567	0.188262	2.674825	0.007477	0.038996
AMMECR1	366.6302	0.255784	0.213226	1.199591	0.230298	0.39255
WDR13	3075.758	-0.15471	0.11968	-1.29274	0.1961	0.351492
SUV39H1	369.2349	-0.5496	0.218606	-2.5141	0.011934	0.053166
SRPX	4375.946	-0.50333	0.143155	-3.51602	4.38E-04	0.006274
GLRA2	0.452561	2.061505	3.349456	0.615474	0.538241	NA
XIAP	543.7149	0.417184	0.263379	1.583968	0.113201	0.241987
STAG2	1149.449	0.845526	0.253086	3.34087	8.35E-04	0.009297
ATP11C	440.3061	0.58697	0.250642	2.341869	0.019187	0.073519
MCF2	68.24651	0.845958	0.370873	2.280994	0.022549	0.081999
ABCD1	2078.922	-0.62644	0.24556	-2.55108	0.010739	0.049294
CCDC22	510.0384	-0.4441	0.174568	-2.54399	0.010959	0.049971
CACNA1F	2.53155	0.749721	1.312559	0.57119	0.567871	NA
SYP	127.3598	-0.05248	0.248719	-0.21101	0.832878	0.899742

PLP2	1769.878	-0.07912	0.235905	-0.33538	0.737337	0.83368
BMX	0.766634	1.516849	2.262991	0.670285	0.502676	NA
LUZP4	1.571281	-2.11612	2.025059	-1.04497	0.296038	NA
PLS3	5265.623	0.322516	0.178382	1.808005	0.070606	0.175588
NAA10	1322.812	0.086956	0.137347	0.633108	0.526663	0.672149
RENBP	2288.427	-0.18538	0.181792	-1.01976	0.307841	0.475128
ELF4	671.3589	-0.42344	0.173017	-2.44738	0.01439	0.060365
SMARCA1	1755.392	0.595701	0.255502	2.331493	0.019727	0.07503
MTMR8	44.51572	0.180937	0.333416	0.542677	0.587352	NA
ASB9	420.0977	-0.18394	0.193015	-0.95301	0.340587	0.5087
ZC3H12B	4.101372	0.708971	1.008181	0.703218	0.48192	NA
RBBP7	3269.424	-0.00788	0.125649	-0.06271	0.949994	0.972303
KCND1	64.68888	-0.69458	0.335769	-2.06861	0.038582	0.117311
UBE2NL	2.026079	-0.68562	1.438825	-0.47651	0.63371	NA
SLC25A14	276.2973	0.243204	0.193933	1.254064	0.209819	0.367415
FMR1	729.1718	0.318892	0.237969	1.340057	0.180227	0.332803
PIM2	334.2989	-0.23072	0.194735	-1.18478	0.236104	0.399117
SCML2	34.32495	-0.10634	0.366771	-0.28994	0.771862	NA
SLC35A2	906.9189	-0.11882	0.174021	-0.68278	0.494746	0.645807
PQBP1	1615	0.005381	0.158645	0.033916	0.972944	0.985082
PCSK1N	547.7257	0.330752	0.205262	1.611369	0.107099	0.233566
EMD	1768.637	-0.23971	0.149418	-1.60428	0.108653	0.235566
TAZ	521.2926	-0.12668	0.168925	-0.7499	0.453312	0.612214
RAB40AL	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PGK1	17042.21	-0.05477	0.139891	-0.39155	0.695393	0.803419
MAGT1	2648.255	-0.15123	0.143226	-1.05589	0.291019	0.457928
SMS	2563.124	0.146001	0.136643	1.068482	0.285303	0.451752
PHEX	5.096126	0.39375	0.944519	0.416879	0.676767	NA
UBL4A	2263.818	-0.24839	0.148876	-1.66842	0.095233	0.215867
CD99L2	4768.554	-0.49399	0.12801	-3.85903	1.14E-04	0.002777
RP2	696.251	0.768488	0.185692	4.13851	3.50E-05	0.001341
JADE3	180.422	-0.11378	0.212082	-0.53647	0.591634	0.723
CDK16	3863.04	-0.37732	0.129066	-2.92346	0.003462	0.02312
USP11	2549.607	-0.42203	0.198271	-2.12857	0.03329	0.106347
PCYT1B	32.72735	-0.84735	0.387352	-2.18755	0.028702	NA
BRS3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HTATSF1	826.857	0.666199	0.331074	2.012234	0.044195	0.128169
CD40LG	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TIMP1	5981.372	-0.05856	0.251834	-0.23253	0.816125	0.889858
PCDH11X	1.203958	0.509109	1.966676	0.258868	0.795737	NA
FGD1	1242.565	-0.59	0.140485	-4.19971	2.67E-05	0.001097
PIN4	425.747	0.523542	0.156328	3.348999	8.11E-04	0.009131
PORCN	302.8689	-0.1949	0.181399	-1.07444	0.282628	0.449015
ITIH6	40.01613	0.866926	0.500034	1.733734	0.082965	NA
MAGED2	10752.08	-0.08813	0.138662	-0.63558	0.525048	0.67081
RBM3	7213.895	-0.05984	0.227229	-0.26335	0.792281	0.874208
KLF8	185.1535	-0.052	0.214517	-0.24239	0.808478	0.88565

SRPX2	175.6535	0.189628	0.351935	0.538816	0.590014	0.721887
SYTL4	254.5292	0.272459	0.233454	1.167077	0.243179	0.406164
ZDHHC15	0.192403	0.975392	4.060716	0.240202	0.810174	NA
CENPI	265.1846	0.245164	0.22789	1.0758	0.282016	0.448104
DRP2	3.917637	0.114344	1.045479	0.10937	0.912909	NA
TAF7L	66.41931	0.340828	0.28957	1.177014	0.23919	0.402358
PBDC1	432.593	0.570882	0.249956	2.283927	0.022376	0.081821
GLA	3651.04	0.150314	0.184304	0.815573	0.414744	0.578106
ARMCX3	2021.99	0.440823	0.268981	1.638865	0.101241	0.224802
BEX4	2185.715	0.133571	0.191822	0.696329	0.486223	0.639469
SGK3	390.6725	0.417165	0.241782	1.725377	0.08446	0.198036
PDGFRL	5.904064	-0.15757	0.936619	-0.16823	0.8664	NA
CSPP1	150.4404	0.668976	0.293799	2.276987	0.022787	0.082561
ZDHHC2	412.0563	0.368122	0.200858	1.832745	0.066841	0.16899
BRF2	230.2297	-0.25968	0.17747	-1.46325	0.143398	0.284812
TRIM35	1168.378	-0.29399	0.151399	-1.94185	0.052155	0.142432
ZFAND1	388.9245	0.612984	0.200077	3.063744	0.002186	0.017131
RP1	10.17903	0.560651	0.711944	0.787494	0.430993	NA
FZD3	677.9309	0.236275	0.199444	1.184671	0.236148	0.399134
INTS9	843.4445	-0.30596	0.156834	-1.95086	0.051074	0.140645
RIPK2	496.5182	0.108145	0.178048	0.607389	0.543593	0.685451
EYA1	0.793683	0.370036	2.527443	0.146407	0.8836	NA
NBN	817.6449	0.840732	0.257061	3.270559	0.001073	0.010848
TRPA1	4.988372	0.546363	0.962155	0.567853	0.570135	NA
CPQ	5486.006	-0.16668	0.213125	-0.78208	0.434168	0.59538
DECR1	2206.404	0.056086	0.135408	0.414197	0.67873	0.790407
CALB1	0.629726	-0.22725	2.732935	-0.08315	0.93373	NA
IMPAD1	2368.81	0.338103	0.163783	2.06433	0.038986	0.118145
SFRP1	118.6302	0.344736	0.311709	1.105955	0.268746	0.433655
LAPTM4B	5294.544	-0.27382	0.125493	-2.18192	0.029115	0.09701
UBE2W	426.1053	0.572556	0.233847	2.448425	0.014348	0.060233
POP1	651.819	0.050104	0.188906	0.265234	0.790829	0.873094
NIPAL2	600.0351	0.200656	0.173296	1.157883	0.246912	0.410366
IKBKB	1759.787	-0.06746	0.142289	-0.47413	0.635411	0.756456
PLAT	2960.322	-0.32233	0.139569	-2.30948	0.020917	0.078113
JPH1	844.4943	0.584649	0.30741	1.901856	0.05719	0.151641
DKK4	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
STK3	405.3035	0.719765	0.221038	3.2563	0.001129	0.011188
GDAP1	357.7112	0.553676	0.205424	2.695288	0.007033	0.037237
RAB2A	3561.18	0.317839	0.133968	2.372503	0.017668	0.069586
EIF3E	4398.405	0.691135	0.230484	2.998621	0.002712	0.019907
EMC2	526.3137	0.741201	0.305342	2.427445	0.015206	0.0627
ESRP1	1161.531	0.535153	0.209164	2.558536	0.010511	0.048662
WISP1	7.10926	-0.41189	0.814471	-0.50572	0.613056	NA
NDRG1	1846.995	-0.47024	0.143275	-3.28206	0.001031	0.01055
ZC2HC1A	116.032	0.659871	0.234525	2.813647	0.004898	0.029107
IL7	19.35184	1.168669	0.523135	2.233974	0.025485	NA

STMN2	5.722143	1.046796	0.927234	1.128944	0.258921	NA
ARMC1	691.851	0.65124	0.176024	3.699724	2.16E-04	0.004081
TRPS1	253.4777	0.355623	0.235299	1.511364	0.130696	0.267092
SPAG1	190.7482	0.713235	0.27018	2.639852	0.008294	0.041553
CHRAC1	402.2631	0.123566	0.168091	0.735113	0.462271	0.620395
NCALD	488.0154	-0.57245	0.21223	-2.69733	0.00699	0.037109
SNX16	188.7524	0.719151	0.204144	3.522758	4.27E-04	0.006167
UBR5	2041.138	0.022422	0.170661	0.131382	0.895473	0.939039
GSDMD	1327.53	-0.19977	0.151935	-1.31487	0.188555	0.342841
TSTA3	1909.438	-0.12608	0.125265	-1.00653	0.314163	0.481589
PYCRL	421.71	-0.23429	0.250466	-0.93543	0.349567	0.517627
EEF1D	5414.103	-0.11342	0.127015	-0.893	0.371859	0.538594
ANXA13	4.583956	-0.39228	1.138868	-0.34445	0.730507	NA
SQLE	3591.17	0.407879	0.175424	2.325098	0.020067	0.075931
SH2D4A	37.67944	-0.18164	0.466572	-0.38931	0.697048	NA
INTS10	1347.971	0.355943	0.166545	2.137213	0.032581	0.105021
ERI1	411.9537	0.484238	0.16477	2.938882	0.003294	0.02243
SLC39A14	2340.897	-0.11617	0.254148	-0.45709	0.647603	0.766201
MTMR9	317.7453	0.250787	0.211443	1.186072	0.235594	0.398483
LEPROTL1	1746.814	0.137807	0.131617	1.047027	0.295087	0.462427
DCTN6	417.9535	0.747533	0.180266	4.146826	3.37E-05	0.001308
R3HCC1	856.0179	-0.17341	0.150395	-1.15306	0.248886	0.412786
GSR	2413.757	-0.24356	0.141951	-1.71577	0.086205	0.201133
TNFRSF10A	67.55718	0.061474	0.340921	0.180317	0.856904	0.914942
UBXN8	535.8622	0.448618	0.187773	2.389143	0.016888	0.067591
PPP2CB	2718.169	0.09653	0.144535	0.667865	0.50422	0.653944
ERICH1	629.7139	0.384371	0.148181	2.593929	0.009489	0.045544
NEFM	34.9088	0.990931	0.442351	2.240148	0.025081	NA
TUSC3	1177.98	0.082824	0.215333	0.384633	0.700509	0.807363
NEFL	32.58922	0.978859	0.568028	1.723258	0.084842	NA
ARHGEF10	1008.629	0.13459	0.191339	0.703411	0.4818	0.636051
MCM4	1621.402	-0.00254	0.217446	-0.01168	0.990682	0.995806
KCTD9	820.0101	0.631655	0.171303	3.68735	2.27E-04	0.004193
FGL1	0.327913	1.543154	4.021063	0.383768	0.701151	NA
ASAH1	25293.74	0.238319	0.145999	1.632332	0.10261	0.226809
BNIP3L	3201.356	0.308717	0.158514	1.94757	0.051466	0.141276
DENND3	116.8594	-0.01602	0.238448	-0.06718	0.946436	0.970016
AVL9	950.5005	0.083339	0.154317	0.540055	0.589159	0.721298
RUNDC3B	45.54433	0.150776	0.357412	0.421854	0.673131	NA
C7orf63	28.2176	1.291742	0.480304	2.689426	0.007157	NA
GTPBP10	268.6668	0.699364	0.246924	2.832305	0.004621	0.027963
RASA4	0.508056	0.731032	2.861912	0.255435	0.798387	NA
CDK6	588.0753	0.325682	0.291281	1.1181	0.263524	0.427839
PMPCB	1564.754	0.046275	0.17933	0.258041	0.796375	0.87685
DNAJC2	176.9481	1.276316	0.914872	1.395077	0.162993	0.311306
TFPI2	5.333902	1.537235	1.068743	1.438358	0.150332	NA
BET1	330.4191	0.683231	0.238904	2.859856	0.004238	0.026417

NAMPT	1656.275	0.479164	0.24769	1.934529	0.053048	0.144021
TWISTNB	370.597	0.788778	0.221063	3.568107	3.60E-04	0.005535
PIK3CG	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
PON3	5.745362	2.754252	1.162132	2.37	0.017788	NA
PON2	2661.42	0.446483	0.14827	3.011276	0.002602	0.019343
ITGB8	1561.098	0.921768	0.220355	4.183098	2.88E-05	0.00116
HBP1	1689.002	0.246902	0.175208	1.409194	0.158778	0.305471
DUS4L	63.14323	0.030807	0.280728	0.109741	0.912615	0.949346
SP4	85.59471	0.628838	0.276494	2.274325	0.022946	0.082916
WDR91	1323.742	-0.31847	0.195543	-1.62866	0.103385	0.227981
DNAH11	17.23253	0.247266	0.546692	0.452294	0.651057	NA
CBLL1	380.4551	-0.02898	0.167158	-0.17338	0.862354	0.918473
DLX5	4.72409	2.836474	1.189271	2.385053	0.017077	NA
MTPN	3420.114	0.165655	0.191511	0.864993	0.387043	0.552959
STEAP1B	202.9789	0.03334	0.239224	0.139368	0.889159	0.935148
PTN	10.11324	0.676791	0.711409	0.951339	0.341433	NA
MPP6	96.25681	0.576998	0.260807	2.212356	0.026942	0.092392
DFNA5	1025.122	0.028298	0.140268	0.201744	0.840117	0.905006
ATP6V0A4	212.0279	-0.61394	0.258336	-2.3765	0.017478	0.069119
ZC3HAV1	1181.266	-0.02459	0.193364	-0.12718	0.898797	0.940693
TTC26	232.1562	0.145783	0.182017	0.800931	0.423172	0.585448
OGDH	4756.67	-0.52457	0.178442	-2.9397	0.003285	0.022409
ADAP1	18.91072	-0.26363	0.596854	-0.44169	0.658711	NA
TFEC	1.688557	3.924679	1.871699	2.096854	0.036006	NA
H2AFV	2319.453	0.087305	0.14265	0.612021	0.540524	0.682636
CAV2	906.2315	0.240044	0.202918	1.182959	0.236826	0.399729
CAV1	3497.379	-0.66752	0.165102	-4.04306	5.28E-05	0.001709
MET	2986.017	0.22663	0.191598	1.182846	0.23687	0.399729
RNF32	16.19118	0.531305	0.509853	1.042074	0.297377	NA
LMBR1	936.6967	0.043799	0.157456	0.278167	0.780884	0.8655
WNT2	0.258578	1.233151	4.047809	0.304646	0.760635	NA
HOXA1	49.64864	-0.04451	0.32874	-0.13539	0.892306	0.936854
DNAJB6	3121.92	0.197525	0.149654	1.319878	0.186876	0.34099
HOXA2	0.326333	1.533889	3.826878	0.40082	0.688553	NA
HOXA3	4.370826	-0.3618	0.942007	-0.38407	0.700926	NA
LFNG	42.16189	0.479196	0.403835	1.186613	0.23538	NA
HOXA5	26.3311	0.01109	0.41634	0.026637	0.97875	NA
HOXA6	4.418067	0.086859	1.001761	0.086706	0.930905	NA
BRAT1	1544.893	-0.17407	0.183394	-0.94917	0.342536	0.510724
IQCE	2478.506	-0.21656	0.219867	-0.98495	0.324648	0.492617
ANKRD7	16.81892	0.18499	0.489322	0.378053	0.705391	NA
TSPAN12	79.22331	0.907717	0.297937	3.046673	0.002314	0.017766
SSBP1	1691.208	0.198459	0.146968	1.350356	0.176902	0.329058
HOXA13	1.062152	-1.07787	1.975873	-0.54551	0.5854	NA
CPED1	70.15448	0.42543	0.324497	1.311045	0.189842	0.34409
HIBADH	2472.245	0.003968	0.15644	0.025366	0.979763	0.989276
TAX1BP1	1747.357	1.172905	0.574925	2.040101	0.04134	0.123231

CPVL	40.09095	0.565652	0.372679	1.517799	0.129065	NA
CHN2	51.28155	1.006516	0.6643	1.515154	0.129733	0.266024
GRB10	509.5719	-0.0651	0.247606	-0.26292	0.792614	0.874331
ABHD11	301.2971	-0.22272	0.221494	-1.00554	0.314635	0.482053
COBL	679.8308	-0.0196	0.166832	-0.11746	0.906496	0.945876
FKBP14	842.9117	0.541164	0.173505	3.119007	0.001815	0.015146
PLEKHA8	292.7634	0.353959	0.182665	1.937744	0.052654	0.143268
STX1A	113.1526	-0.25192	0.26383	-0.95484	0.339657	0.508003
NOD1	261.2957	-0.13957	0.223947	-0.62322	0.53314	0.677164
GARS	3259.396	0.117762	0.13019	0.904538	0.36571	0.532944
CRHR2	1.582375	-0.21967	1.900405	-0.11559	0.907979	NA
EPHB6	3.054691	0.010752	1.178416	0.009125	0.99272	NA
FAM188B	6.260454	0.31391	0.812609	0.386299	0.699275	NA
GHRHR	0.785714	-3.2458	3.343263	-0.97085	0.331623	NA
NSUN5P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CASP2	633.3292	-0.52501	0.168312	-3.11924	0.001813	0.015146
CHCHD2	6591.337	0.013631	0.162534	0.083868	0.933162	0.962303
HSPB1	11930.93	-0.1681	0.143126	-1.17446	0.24021	0.403355
NPTX2	2.072867	0.185838	1.57462	0.118021	0.906051	NA
PDAP1	3081.021	0.064873	0.131092	0.49487	0.620692	0.745208
BUD31	1023.83	0.093976	0.169628	0.55401	0.579572	0.71363
PTCD1	83.43697	-0.41976	0.265586	-1.58049	0.113995	0.243127
CYP3A5	7.781544	1.067068	0.83054	1.284787	0.198867	NA
ZKSCAN1	2313.418	-0.1511	0.264524	-0.57122	0.567849	0.704537
EIF3B	6437.955	-0.20116	0.125474	-1.60318	0.108895	0.235962
SNX8	4447.728	-0.33355	0.147912	-2.25505	0.02413	0.085854
NUDT1	922.5279	-0.217	0.143989	-1.50707	0.131792	0.268592
PTPRZ1	1958.738	0.744253	0.213347	3.488466	4.86E-04	0.00668
TAF6	1236.081	-0.4265	0.173913	-2.45239	0.014191	0.059806
WASL	1124.883	0.403599	0.237679	1.698081	0.089492	0.20693
AIMP2	515.1346	-0.16524	0.161427	-1.02365	0.306	0.473169
TFR2	25.94772	0.068893	0.429888	0.160258	0.872678	NA
FSCN3	0.49187	2.136088	3.895953	0.548284	0.583497	NA
MOSPD3	753.2798	-0.20051	0.147882	-1.35587	0.175142	0.327064
PCOLCE	152.8804	-0.11092	0.277036	-0.40039	0.688872	0.797751
FBXO24	2.039773	0.314136	1.379409	0.227732	0.819854	NA
RBM28	877.6614	0.554624	0.143073	3.876523	1.06E-04	0.002673
USP42	278.7488	-0.18686	0.200651	-0.93127	0.351715	0.519833
IMPDH1	2976.581	-0.1313	0.150886	-0.87022	0.384183	0.550325
AGFG2	708.3941	-0.58176	0.152145	-3.82372	1.31E-04	0.003029
LSM5	566.1271	0.66473	0.1564	4.250194	2.14E-05	9.59E-04
SERPINE1	22.87454	1.120079	0.689879	1.623587	0.104464	NA
AP1S1	5204.489	-0.04121	0.15761	-0.26149	0.793718	0.874943
C1GALT1	742.72	1.27952	0.222589	5.748359	9.01E-09	6.20E-06
PLOD3	17370.01	-0.31193	0.148142	-2.10563	0.035236	0.110422
RPA3	544.1305	0.266495	0.142504	1.870082	0.061472	0.16006
ZNHIT1	4523.405	-0.12892	0.193324	-0.66688	0.504851	0.654386

CLDN15	198.7864	-0.01444	0.265209	-0.05443	0.956593	0.976145
GLCCI1	137.9928	-0.20522	0.245962	-0.83436	0.404077	0.568856
PHF14	325.004	0.740641	0.410268	1.805263	0.071034	0.176299
NRF1	309.5659	-0.34091	0.193544	-1.76141	0.078169	0.188276
TMEM106E	1148.478	0.487714	0.241418	2.020204	0.043362	0.126906
EZH2	333.1205	0.229039	0.201029	1.139334	0.254564	0.418798
CEP41	443.1613	-0.18677	0.166852	-1.11936	0.262988	0.42747
ZNF862	313.9641	-0.00858	0.197686	-0.04339	0.96539	0.981198
SFRP4	1.076984	2.142029	2.046972	1.046438	0.295359	NA
MEST	253.6092	-0.06595	0.194831	-0.3385	0.734983	0.832209
MEOX2	6.134303	0.085455	1.151236	0.074229	0.940828	NA
ANKMY2	495.4576	0.314486	0.207084	1.518643	0.128852	0.265134
ACTR3C	6.951136	0.789503	0.939586	0.840267	0.400759	NA
POU6F2	0.495797	-0.73607	3.324282	-0.22142	0.824763	NA
TSPAN13	101.4905	0.70372	0.317518	2.216319	0.02667	0.091696
RARRES2	42.93069	1.755422	0.643648	2.7273	0.006385	NA
AHR	1134.504	-0.16121	0.231331	-0.69687	0.485887	0.639256
CHCHD3	2208.764	0.285584	0.155138	1.84084	0.065645	0.167108
GIMAP2	32.64213	0.239761	0.403412	0.594332	0.55229	NA
TMEM176E	1.411424	1.039904	1.817075	0.572296	0.567122	NA
GLI3	758.6588	-0.56005	0.176864	-3.16657	0.001542	0.013793
PSMA2	158.5886	0.603021	0.230409	2.617174	0.008866	0.043613
MRPL32	1172.537	0.612004	0.160814	3.805677	1.41E-04	0.003128
COA1	1055.757	0.14233	0.159487	0.892419	0.372168	0.538778
BLVRA	2777.802	-0.02544	0.129765	-0.19606	0.844563	0.907349
URGCP	2300.19	-0.10482	0.174058	-0.60222	0.547031	0.688457
TMEM248	2888.943	-0.18222	0.117494	-1.5509	0.120927	0.253463
STAG3L4	280.1228	0.170362	0.170787	0.99751	0.318517	0.486349
RHEB	2183.481	0.268289	0.13431	1.997531	0.045768	0.131057
PRKAG2	260.3824	0.001683	0.195373	0.008613	0.993128	0.996912
AEBP1	19452.45	-0.02501	0.203807	-0.12271	0.902336	0.9429
POLD2	2993.774	-0.31981	0.13498	-2.36936	0.017819	0.06981
GCK	15.82947	0.017425	0.519672	0.03353	0.973252	NA
BCL7B	1450.153	0.015877	0.181692	0.087387	0.930364	0.960504
YKT6	6303.627	-0.04127	0.155288	-0.26575	0.79043	0.872896
TBL2	1137.709	-0.20714	0.147701	-1.40241	0.160793	0.308346
GALNTL5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CLIP2	2375.551	-0.34345	0.147775	-2.32414	0.020118	0.076028
EIF4H	4261.595	-0.19784	0.136178	-1.4528	0.146278	0.288829
LIMK1	1956.165	-0.25536	0.120285	-2.12295	0.033758	0.107317
SPATA6L	16.19462	0.514259	0.532312	0.966087	0.334001	NA
SLC1A1	98.79307	0.659822	0.246792	2.673591	0.007504	0.039084
LHX2	0.883146	1.112834	2.554178	0.435692	0.663061	NA
FKTN	614.5809	0.388344	0.233964	1.659848	0.096945	0.218537
FSD1L	100.7137	1.579459	0.293173	5.387467	7.15E-08	2.73E-05
CNTNAP3	123.1237	-0.10527	0.213081	-0.49403	0.621282	0.745702
SPIN1	1856.741	0.073145	0.164754	0.443968	0.657066	0.773844

NMRK1	522.2689	0.376644	0.167519	2.248366	0.024553	0.086758
TMEM245	4661.877	0.083924	0.12791	0.656113	0.511752	0.659436
PRUNE2	9704.193	-0.03353	0.199668	-0.16793	0.866636	0.920772
MEGF9	3165.056	0.433913	0.2163	2.006064	0.044849	0.129396
TRIM14	1450.324	-1.08866	0.189626	-5.74109	9.41E-09	6.20E-06
CORO2A	463.2818	-0.19299	0.160125	-1.20522	0.22812	0.389884
TGFBR1	1705.056	0.22714	0.224472	1.011888	0.311592	0.478921
SEC61B	2025.89	0.16447	0.152037	1.081779	0.279351	0.445506
C5	69.96525	0.848072	0.277232	3.059067	0.00222	0.017294
OGN	0.82371	0.509057	2.431911	0.209324	0.834195	NA
ASPN	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ECM2	0.518736	2.237423	2.7713	0.807355	0.419462	NA
TLE4	157.3337	0.216885	0.21482	1.009614	0.31268	0.479848
LHX6	1.236585	0.682769	1.964737	0.347512	0.728207	NA
PTGR1	2017.455	0.079344	0.137283	0.577962	0.56329	0.701302
SUSD1	267.9917	-0.09331	0.194151	-0.4806	0.630802	0.753088
AMBP	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
AKNA	580.7329	-0.28853	0.159812	-1.80546	0.071002	0.176295
DNM1	19.62089	-0.04047	0.504537	-0.08021	0.936069	NA
ENG	2481.785	-0.43119	0.167897	-2.56816	0.010224	0.047869
AK1	411.1352	-0.39944	0.188817	-2.11546	0.03439	0.108632
CDC37L1	287.0656	0.789974	0.220869	3.576665	3.48E-04	0.005433
RLN2	31.85084	0.485575	0.381775	1.271886	0.203414	NA
RLN1	7.244414	0.790598	0.783787	1.00869	0.313124	NA
PLGRKT	522.8944	0.068148	0.197659	0.344776	0.730263	0.82887
TBC1D13	1240.254	-0.41847	0.135656	-3.08483	0.002037	0.01637
KIAA1432	838.6011	0.335894	0.161221	2.083434	0.037212	0.114494
KDM4C	507.0808	0.02974	0.175011	0.16993	0.865065	0.920317
DOCK8	824.9548	-1.44E-04	0.158414	-9.09E-04	0.999274	0.999472
KANK1	2497.866	-0.16544	0.142082	-1.16443	0.244251	0.406914
ELAVL2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
NCS1	4401.755	-0.33577	0.215954	-1.55484	0.119985	0.252113
TESK1	865.4722	-0.05093	0.215098	-0.23675	0.812847	0.88863
KCNT1	0.881566	1.109202	2.554987	0.434132	0.664192	NA
CA9	0.926235	-0.09821	2.156052	-0.04555	0.963667	NA
FUBP3	1345.745	0.207268	0.170379	1.216512	0.22379	0.384608
TYRP1	422913.1	-0.05737	0.135099	-0.42467	0.67108	0.784504
CREB3	2104.054	0.028664	0.157307	0.182215	0.855414	0.914092
RGP1	1224.742	-0.50283	0.130432	-3.85511	1.16E-04	0.00281
MPDZ	2004.829	0.314915	0.23527	1.338526	0.180725	0.333255
LHX3	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
DDX58	420.5681	-0.1996	0.301445	-0.66214	0.507882	0.656663
EDF1	5231.736	-0.03008	0.156615	-0.19207	0.847687	0.909194
GLIS3	15.388	0.12226	0.517853	0.236091	0.813362	NA
BAG1	3434.041	0.240303	0.180852	1.328731	0.183937	0.337184
RAPGEF1	3436.245	-0.66665	0.195459	-3.41071	6.48E-04	0.007902
NPDC1	347.8122	-0.02178	0.204388	-0.10657	0.915128	0.950986

APBA1	46.90994	-0.74156	0.363475	-2.04019	0.041331	NA
SETX	1662.275	0.591347	0.306807	1.927425	0.053927	0.145859
SH3GL2	177.1438	0.143615	0.268069	0.535738	0.592139	0.7233
PTGDS	10.82253	-1.23244	0.75177	-1.63938	0.101134	NA
ABCA2	2303.631	-0.55646	0.145576	-3.82247	1.32E-04	0.003029
SHB	75.87793	-0.38339	0.276522	-1.38647	0.165602	0.314617
UBE2R2	2368.58	-0.3469	0.126083	-2.75132	0.005936	0.033176
ABHD17B	428.3188	0.22322	0.19488	1.145419	0.252036	0.415977
EXOSC3	274.0022	0.211985	0.179213	1.182863	0.236863	0.399729
ZFAND5	4925.586	0.227924	0.13854	1.645182	0.099932	0.223198
FBXO5	217.1158	0.756558	0.208724	3.624688	2.89E-04	0.004811
MTRF1L	426.1018	0.675258	0.189124	3.570452	3.56E-04	0.005522
SOD2	3597.515	0.206576	0.177678	1.162641	0.244975	0.407833
MRPL18	1618.102	0.248671	0.151463	1.641787	0.100634	0.223873
CCR6	0.763859	-0.6945	2.307767	-0.30094	0.76346	NA
SLC22A2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PACRG	1.862957	0.101849	1.772401	0.057464	0.954176	NA
QKI	3735.866	0.57058	0.223607	2.551714	0.010719	0.049294
PDE10A	120.3493	0.484727	0.316176	1.533092	0.125253	0.260185
FAM120B	1317.841	-0.13345	0.125452	-1.06372	0.287457	0.453587
TBP	333.7528	-0.05107	0.185208	-0.27575	0.782744	0.867305
USP9Y	414.3873	0.7278	0.299856	2.427168	0.015217	0.062726
ESYT2	3641.208	0.332533	0.131248	2.533624	0.011289	0.05108
TRPM6	21.3649	-0.68696	0.503297	-1.36492	0.172277	NA
KLF9	2027.475	0.718509	0.306075	2.34749	0.0189	0.072701
TJP2	737.1588	-0.50025	0.153548	-3.25795	0.001122	0.011133
PTBP3	729.4769	0.281658	0.231395	1.217215	0.223523	0.384316
RAD23B	3791.401	0.122732	0.126362	0.971272	0.331413	0.499924
FKBP15	1725.938	-0.10144	0.129543	-0.78309	0.433574	0.594703
CTNNAL1	1140.281	0.752908	0.197091	3.820111	1.33E-04	0.003035
FAM206A	190.2221	0.44962	0.217502	2.067201	0.038715	0.1176
WDR34	1905.358	-0.167	0.180974	-0.92281	0.356107	0.523903
SET	4362.751	0.199558	0.164466	1.213373	0.224987	0.386043
PPP2R4	5734.222	-0.32581	0.161817	-2.01344	0.044068	0.127962
GLE1	1326.183	-0.27893	0.123774	-2.25356	0.024224	0.086136
RAB14	3254.082	0.020784	0.122001	0.170361	0.864726	0.920317
CNTRL	174.8136	0.73382	0.458255	1.601336	0.109303	0.236504
TRIM32	2096.647	-0.29549	0.121118	-2.43965	0.014702	0.061046
FBXW2	961.5871	0.058538	0.156931	0.373015	0.709137	0.813905
PHF19	1894.959	-0.16735	0.228321	-0.73295	0.463591	0.621213
NEK6	2842.342	-0.3078	0.129525	-2.37634	0.017485	0.069119
BSPRY	3.964917	-2.17056	1.193877	-1.81807	0.069053	NA
PPP6C	1471.547	0.039842	0.145499	0.27383	0.784215	0.868623
NDUFA8	2227.646	-0.00876	0.16439	-0.05327	0.957515	0.976514
HDHD3	446.2398	-0.18061	0.169658	-1.06455	0.287079	0.453413
RBM18	620.4072	0.469163	0.189775	2.472211	0.013428	0.05764
SLC46A2	3.207814	-0.51709	1.174608	-0.44022	0.659776	NA

HSDL2	914.0981	0.651029	0.195709	3.326512	8.79E-04	0.009556
MAPKAP1	3509.034	0.045749	0.126911	0.360483	0.718486	0.820425
NR4A3	836.4377	0.716324	0.328988	2.177357	0.029454	0.097807
INVS	608.672	0.112622	0.155526	0.724136	0.468982	0.62547
GALNT12	126.514	0.077784	0.244814	0.317728	0.750691	0.844063
DENND1A	640.8786	-0.57459	0.180328	-3.18633	0.001441	0.013231
ALG2	824.2926	0.06926	0.159559	0.43407	0.664238	0.779426
TEK	6.199297	0.491256	0.853123	0.575832	0.564729	NA
RCL1	241.7694	-0.26463	0.179917	-1.47087	0.141326	0.281915
CAAP1	372.7148	0.557453	0.192254	2.899567	0.003737	0.024394
EQTN	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MOB3B	594.6344	-0.57915	0.259938	-2.22802	0.025879	0.090129
MLANA	60192.4	-0.09033	0.137353	-0.65763	0.510774	0.659019
CD274	36.35392	-0.67554	0.416512	-1.6219	0.104825	NA
CCDC170	3.502105	0.802226	1.148776	0.698331	0.48497	NA
CXorf21	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ACAT2	2184.562	0.111714	0.161995	0.689614	0.490437	0.642588
TCP1	5606.951	0.190236	0.149054	1.276289	0.201853	0.358283
TEX11	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ARR3	2.104871	0.18276	1.473042	0.12407	0.90126	NA
PDZD11	1688.359	-0.08813	0.140686	-0.62642	0.53104	0.675555
NUDCD1	367.5374	0.945607	0.218371	4.33027	1.49E-05	7.85E-04
ENY2	1248.24	0.666915	0.155226	4.296416	1.74E-05	8.54E-04
DUSP4	9863.455	-0.27203	0.171354	-1.58755	0.112388	0.240934
CLU	17.81468	0.345669	0.929968	0.3717	0.710116	NA
TNFRSF10B	4966.312	-0.08227	0.194149	-0.42376	0.671738	0.785118
SORBS3	3448.453	-0.48613	0.156438	-3.10748	0.001887	0.015523
PTK2B	329.5127	-0.49103	0.162591	-3.02001	0.002528	0.01898
PPP3CC	607.7594	0.04586	0.171016	0.268165	0.788573	0.871658
PDLIM2	538.5144	0.053038	0.182369	0.290827	0.771184	0.858681
EPHX2	175.6334	-0.58353	0.236391	-2.4685	0.013568	0.057932
RNF170	526.6581	0.485285	0.169984	2.854879	0.004305	0.026682
ZNF706	2277.751	0.008522	0.147945	0.057602	0.954065	0.974786
LYPLA1	1426.273	0.403127	0.186397	2.162732	0.030562	0.100335
CRISPLD1	216.3282	-0.16273	0.289273	-0.56256	0.573735	0.709406
COPS5	1115.512	0.321908	0.14256	2.258057	0.023942	0.085415
RDH10	179.7138	0.032625	0.191939	0.169976	0.865029	0.920317
PILRB	206.9757	0.608313	0.232352	2.618066	0.008843	0.043536
OCRL	1192.082	-0.39511	0.13605	-2.90418	0.003682	0.024211
PAEP	4.933614	-0.19649	0.980152	-0.20047	0.841114	NA
MRPS2	1085.152	-0.09049	0.145389	-0.62237	0.533696	0.677477
TBX22	0.820549	0.502564	2.433834	0.206491	0.836408	NA
SERAC1	474.6533	0.343761	0.168934	2.034881	0.041863	0.124289
BBS9	457.1551	-0.07007	0.188597	-0.37154	0.710234	0.814697
PMS2	409.522	-0.09767	0.160486	-0.60861	0.542786	0.684848
ZMIZ2	1725.054	-0.4297	0.161494	-2.6608	0.007795	0.03992
OCM	0.487129	2.123445	3.910539	0.543006	0.587126	NA

7-Sep	3126.798	0.849095	0.254707	3.333616	8.57E-04	0.009419
EEPD1	29.06146	-0.22478	0.400732	-0.56093	0.574843	NA
KLHL7	1028.178	0.294621	0.178231	1.653032	0.098324	0.220722
HERPUD2	696.6272	-0.01745	0.149032	-0.1171	0.906781	0.945876
CBX3	4193.925	0.899117	0.23286	3.86119	1.13E-04	0.002775
HNRNPA2B	12250.88	0.378937	0.147932	2.561565	0.01042	0.048395
WIPF3	854.3991	-0.55825	0.233774	-2.38801	0.01694	0.067755
NXPH1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAM126A	2774.425	0.619072	0.20333	3.044664	0.002329	0.017851
HOXA7	4.7236	-0.71487	0.944544	-0.75684	0.449145	NA
INHBA	0.655827	2.55247	3.531744	0.722722	0.46985	NA
FKBP9	3881.497	-0.47933	0.120284	-3.985	6.75E-05	0.00198
NT5C3A	475.7187	0.583023	0.221473	2.632476	0.008477	0.042151
ARL4A	352.8488	0.654723	0.326255	2.006786	0.044772	0.129302
CCZ1	119.3793	0.563487	0.260883	2.159924	0.030779	0.100851
POLM	427.6746	-0.16441	0.158139	-1.03968	0.29849	0.46536
RAMP3	2.865063	0.407234	1.206676	0.337484	0.735752	NA
FTSJ2	869.0696	-0.03739	0.147317	-0.25384	0.79962	0.879115
TWIST1	4.234253	0.024601	0.976711	0.025188	0.979905	NA
SMU1	1596.223	-0.03602	0.152331	-0.23648	0.813059	0.888676
GLIPR2	219.9136	-0.47926	0.264063	-1.81496	0.06953	0.173679
SLC25A51	266.6642	-0.00983	0.190954	-0.05146	0.958956	0.977425
CLTA	6818.333	-0.02145	0.131717	-0.16286	0.870625	0.923107
RECK	358.8488	0.202699	0.195847	1.034983	0.300677	0.4675
SPINK4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ACO1	1768.823	-0.25408	0.130546	-1.94627	0.051623	0.1415
KIAA1045	141.4327	-0.59958	0.204079	-2.93795	0.003304	0.022446
DNAI1	0.672013	1.253691	2.607776	0.480751	0.630693	NA
DCAF10	770.2619	0.209277	0.181235	1.154727	0.248202	0.411875
CNTFR	0.640406	1.11402	2.710977	0.410929	0.681124	NA
KIAA1549	223.8603	-0.67987	0.198883	-3.41846	6.30E-04	0.007785
TRIM24	346.1213	0.221001	0.265909	0.831116	0.405908	0.56977
C7orf49	2282.555	-0.17406	0.144485	-1.20467	0.228332	0.389984
CALD1	5906.149	0.704224	0.304935	2.309421	0.02092	0.078113
AKR1D1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
NUDT10	122.4145	-0.15881	0.226757	-0.70036	0.483701	0.637354
NECAB1	56.52685	0.54234	0.312142	1.73748	0.082303	0.194983
WWP1	1120.024	0.547711	0.18568	2.949762	0.00318	0.022022
ACOT9	1977.625	0.076756	0.14337	0.53537	0.592394	0.7233
PRDX4	3978.117	-0.18552	0.12308	-1.50728	0.13174	0.268537
SARDH	34.95628	-1.32926	0.457192	-2.90745	0.003644	NA
DBH	0.928019	-0.78227	2.07134	-0.37767	0.705679	NA
IL13RA2	5.34595	3.067102	1.257722	2.438617	0.014744	NA
PLP1	16701.31	-0.00404	0.199038	-0.0203	0.983801	0.991411
SERPINA7	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MORF4L2	5683.275	0.276139	0.148455	1.860091	0.062873	0.162387
RAB9B	63.7054	0.437322	0.321898	1.358571	0.174283	0.326247

FAM199X	923.1419	0.544362	0.219285	2.482443	0.013048	0.056565
ESX1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RAB9A	1248.258	0.392383	0.181999	2.155966	0.031086	0.101597
RAP2C	430.9537	0.340119	0.202173	1.682315	0.092508	0.211878
AGO2	429.6863	0.073045	0.222447	0.32837	0.742632	0.837829
PMS2P5	48.23909	-0.58603	0.335479	-1.74685	0.080664	0.19237
CKS2	2678.108	0.270424	0.202551	1.335092	0.181846	0.334698
IQSEC2	456.8486	-0.36711	0.156105	-2.3517	0.018688	0.072212
XG	18.84873	-0.11322	0.625784	-0.18093	0.856422	NA
USP9X	3241.55	0.136955	0.20248	0.676388	0.498794	0.649348
KIF25	1.465688	-0.81787	1.578746	-0.51805	0.604423	NA
UPF3B	124.4254	1.178405	0.830185	1.419448	0.155768	0.301639
RNF113A	500.296	0.006067	0.160737	0.037742	0.969893	0.983611
6-Sep	1345.425	-0.01014	0.155416	-0.06523	0.94799	0.971147
TMEM255A	41.64733	-0.27183	0.347183	-0.78297	0.433643	NA
NDUFA1	2882.298	0.259204	0.156756	1.653555	0.098218	0.220609
TTF1	242.4595	0.663949	0.280082	2.370553	0.017761	0.069688
GTF3C4	1193.366	0.05371	0.145869	0.368204	0.712721	0.816474
DDX31	498.5547	-0.03552	0.170543	-0.20825	0.835034	0.901331
GRIA3	104.3011	0.236579	0.245998	0.961712	0.336194	0.505208
THOC2	665.5612	0.938711	0.336562	2.789116	0.005285	0.030714
CITED1	398.8072	-0.34074	0.212114	-1.60643	0.108181	0.234942
ARMCX5	380.3317	0.245965	0.208521	1.179568	0.238172	0.401059
GRPR	6.636206	0.21217	0.841059	0.252265	0.800836	NA
KDM5C	2491.396	-0.47034	0.146186	-3.21743	0.001293	0.012237
AMOT	607.6972	-0.25587	0.174316	-1.46784	0.142147	0.282988
ASL	368.1631	-0.17268	0.163596	-1.05551	0.291194	0.458082
SBDS	1888.92	0.615741	0.195232	3.153894	0.001611	0.01418
SSX1	2.960997	-0.24818	1.173428	-0.2115	0.832496	NA
UXT	952.9182	0.070151	0.142478	0.492364	0.622462	0.746665
CFP	4.007043	0.017945	1.132721	0.015842	0.98736	NA
ELK1	1755.833	-0.27119	0.161628	-1.67785	0.093376	0.213265
TIMM17B	578.4515	-0.20425	0.162387	-1.25779	0.208467	0.365913
WDR60	386.9008	0.472604	0.226501	2.086543	0.03693	0.113951
AIF1L	899.9472	-0.77213	0.272144	-2.8372	0.004551	0.02764
FAM78A	550.7038	-0.40836	0.278171	-1.46801	0.1421	0.282988
NUP214	1174.719	-0.77795	0.170104	-4.5734	4.80E-06	4.09E-04
AVPR2	1.405663	0.963764	1.838941	0.524086	0.600218	NA
SLC10A3	415.6931	-0.03226	0.171761	-0.18784	0.851005	0.911434
HNRNPH2	1815.16	0.267542	0.205745	1.300358	0.193478	0.348531
ARMCX1	1956.117	0.231284	0.137061	1.687454	0.091516	0.210338
TMEM35	2.339518	-1.47824	1.425448	-1.03704	0.299719	NA
TIMM8A	229.5535	0.015038	0.208005	0.072297	0.942366	0.968089
ZC4H2	366.4509	-0.30908	0.188678	-1.63815	0.101391	0.225006
IPPK	152.0111	0.184863	0.204556	0.903726	0.366141	0.533342
ZNF484	75.856	1.011267	0.298277	3.39036	6.98E-04	0.008275
OMD	0.722204	1.447218	2.611582	0.554154	0.579474	NA

FGD3	1.289683	-0.48937	1.904039	-0.25702	0.797167	NA
TRAF2	925.2191	-0.37862	0.157022	-2.41128	0.015897	0.064533
TAS2R3	0.411855	0.250456	3.097618	0.080854	0.935558	NA
TAS2R4	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
TAS2R5	1.621391	1.253556	1.571839	0.79751	0.425155	NA
CRYGN	0.452561	2.061505	3.349456	0.615474	0.538241	NA
LRRC61	51.90936	0.01311	0.506962	0.02586	0.979369	0.988962
TUBBP1	10.02414	-0.24029	0.686395	-0.35008	0.726281	NA
AKAP9	392.616	0.593739	1.25031	0.474874	0.634877	0.756125
GNG11	2245.782	0.602989	0.156907	3.842956	1.22E-04	0.0029
SHFM1	1962.789	0.546187	0.149531	3.652676	2.60E-04	0.004545
HIP1	1244.151	-0.55376	0.166958	-3.31675	9.11E-04	0.00977
PTPN12	1527.914	0.742898	0.162954	4.558941	5.14E-06	4.24E-04
POR	3082.888	-0.3101	0.149597	-2.07287	0.038184	0.116488
FGL2	87.2575	0.981947	1.028435	0.954797	0.339681	0.508003
STYXL1	495.9546	0.067014	0.214508	0.312409	0.754729	0.846963
STEAP4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
GNAI1	702.3573	0.57196	0.201113	2.843976	0.004455	0.027311
PMS2P3	49.11595	0.436094	0.306059	1.424868	0.154195	0.299326
PEX1	377.1504	0.372053	0.237217	1.568412	0.116785	0.247228
MTERF	212.2806	1.004062	0.307953	3.260444	0.001112	0.011104
SGCE	1184.668	0.548012	0.176168	3.110734	0.001866	0.015428
RBM48	222.254	0.510229	0.206141	2.475147	0.013318	0.057401
CASD1	705.087	0.555686	0.213147	2.607057	0.009132	0.044457
CPA4	2.955538	1.566172	1.410237	1.110573	0.266752	NA
DOCK4	617.9404	0.244808	0.179859	1.361114	0.173478	0.325305
POT1	383.3862	0.386296	0.202504	1.907596	0.056443	0.150368
ATP6V1F	4914.538	0.053559	0.12224	0.438151	0.661277	0.776951
NAA38	561.3307	0.564685	0.170082	3.32008	9.00E-04	0.009725
CDHR3	122.6678	0.097202	0.250148	0.388577	0.697589	0.805171
PRKRIP1	480.7112	0.335136	0.148139	2.262317	0.023678	0.084855
VGF	92.5812	-0.17914	0.41442	-0.43226	0.665551	0.780503
PODXL	2.056563	3.167197	1.798235	1.761281	0.078191	NA
FOXP2	18.69816	0.010778	0.557661	0.019327	0.984581	NA
STRIP2	486.172	0.624739	0.23314	2.67967	0.007369	0.038555
RABL5	570.2442	0.057748	0.141589	0.407856	0.68338	0.794028
MKLN1	1290.993	0.307044	0.175721	1.747343	0.080578	0.192203
DNAJB9	994.4074	0.360809	0.177283	2.035216	0.041829	0.124232
FLNC	104.3006	-0.40298	0.50365	-0.80012	0.423639	0.585953
LRRC4	78.23343	-0.00842	0.296739	-0.02836	0.977374	0.987689
CALU	16556.27	0.252002	0.149462	1.686055	0.091785	0.210711
CCDC136	138.8421	0.301996	0.232421	1.299349	0.193824	0.348951
SMO	1284.041	-0.37328	0.160932	-2.31951	0.020368	0.076664
IRF5	88.20561	0.078626	0.280472	0.280335	0.77922	0.864544
LRRC17	1.293478	0.830419	1.712299	0.484973	0.627696	NA
KLHDC10	1025.344	-0.09617	0.143232	-0.67143	0.501944	0.65228
NDUFA5	809.8517	0.984005	0.29372	3.350152	8.08E-04	0.009102

OPN1SW	52.98644	0.712087	0.372309	1.912626	0.055796	0.149437
SUMF2	7631.555	-0.37905	0.130584	-2.90272	0.003699	0.024281
PHF20L1	871.9361	0.897197	0.320228	2.801746	0.005083	0.029934
LRRC6	44.62113	0.845352	0.380026	2.224461	0.026117	NA
MTUS1	448.9423	0.276199	0.293805	0.940079	0.347177	0.515246
ARHGEF6	709.0499	0.499722	0.174278	2.867382	0.004139	0.025988
MAP7D3	424.1131	0.561871	0.290108	1.936763	0.052774	0.143471
FGF13	11.64606	-0.44024	0.814209	-0.5407	0.588715	NA
ASH2L	1845.044	-0.25413	0.13067	-1.9448	0.051799	0.141718
TTI2	391.9107	-0.18654	0.189003	-0.98694	0.323671	0.491623
RPS4Y1	6837.209	0.111075	0.167585	0.662799	0.50746	0.656489
HDHD1	549.6433	-0.15215	0.150912	-1.00823	0.313346	0.480746
ERMARD	366.67	0.111454	0.166516	0.669325	0.503288	0.653289
PHF10	520.2713	0.482711	0.24132	2.000292	0.045469	0.130611
PRRG3	33.56589	0.471374	0.511436	0.921668	0.356702	NA
NXNL2	2.19576	-0.45144	1.466513	-0.30783	0.758208	NA
STARD8	637.9173	-0.66607	0.188183	-3.53948	4.01E-04	0.005923
FAM155B	2.060055	1.158055	1.493704	0.775291	0.438168	NA
GDPD2	4.841276	2.319018	1.087817	2.131808	0.033023	NA
SAT1	14428.47	0.206655	0.279161	0.740274	0.459134	0.617544
GNL3L	484.3875	-0.56818	0.165696	-3.42906	6.06E-04	0.007631
MOSPD2	737.1359	0.812808	0.277437	2.929702	0.003393	0.022819
THEM6	554.3449	-0.24337	0.163395	-1.48946	0.136367	0.275452
GADD45G	6.814529	-0.00965	0.809195	-0.01193	0.990481	NA
LRCH2	121.7224	0.611774	0.353655	1.729859	0.083655	0.197007
DPP6	2.189379	-0.32354	1.71792	-0.18833	0.850617	NA
XPO7	3529.925	-0.22484	0.12619	-1.78175	0.07479	0.18251
ACE2	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
NSUN5	636.2933	-0.29963	0.157366	-1.90405	0.056904	0.151187
TULP4	1523.007	-0.20744	0.197721	-1.04918	0.294096	0.461117
SNX9	5724.381	0.568903	0.146444	3.884793	1.02E-04	0.0026
RSPH3	248.6511	0.271626	0.201045	1.351066	0.176674	0.328906
MLLT4	1133.227	0.264755	0.161373	1.640643	0.100871	0.22419
EPO	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ARPC1B	14155.46	-0.22554	0.111923	-2.0151	0.043894	0.127729
OLFM1	1267.149	-0.0305	0.166151	-0.18357	0.854354	0.913506
CAMSAP1	1267.442	-0.3032	0.14224	-2.13162	0.033038	0.105914
UBAC1	1275.079	0.021021	0.153186	0.137224	0.890853	0.936099
COL5A1	120.654	0.298403	0.49672	0.600747	0.548008	0.689317
PNPLA7	77.65465	-0.35656	0.284101	-1.25503	0.209467	0.367072
MNX1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ASS1	1.884281	-0.34254	1.443049	-0.23737	0.81237	NA
PRDM12	0.096202	0.408546	4.079639	0.100143	0.920231	NA
EXOSC2	602.9185	-0.079	0.184046	-0.42926	0.667735	0.782059
POMT1	1008.609	-0.28266	0.145156	-1.94729	0.0515	0.141327
UCK1	2352.88	-0.23525	0.148502	-1.58413	0.113163	0.241987
FIBCD1	1.118988	-1.27548	2.033024	-0.62738	0.530411	NA

PRRC2B	5108.655	-0.7845	0.158194	-4.95909	7.08E-07	1.26E-04
EIF2S3	2269.472	-0.00956	0.196403	-0.04869	0.961165	0.978918
SLC6A8	6660.238	-0.48201	0.140658	-3.42681	6.11E-04	0.007678
PNCK	32.46489	-0.03142	0.441299	-0.07121	0.943231	NA
DKC1	1377.289	0.296784	0.125975	2.355902	0.018478	0.071657
PLXNA3	512.1517	-0.32895	0.197094	-1.66898	0.095121	0.215801
DUSP9	134.5108	-0.62327	0.360799	-1.72748	0.084082	0.197553
MPP1	777.9126	-0.19977	0.149611	-1.33523	0.181802	0.334668
HSD17B3	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
NUTM2F	1.839612	-0.06541	1.404043	-0.04659	0.962841	NA
HABP4	1906.697	0.423939	0.167901	2.52494	0.011572	0.052003
SLC35D2	1158.813	-0.13875	0.144517	-0.96011	0.336998	0.505902
PRRG1	412.7056	0.498188	0.176272	2.826237	0.00471	0.028372
UBA1	10318.91	-0.53685	0.146131	-3.67374	2.39E-04	0.004335
RGN	0.623045	0.091811	2.666142	0.034436	0.97253	NA
TXLNG2P	338.3129	1.024799	0.297195	3.448244	5.64E-04	0.007303
AKAP12	4328.424	-0.11119	0.294516	-0.37755	0.705765	0.811369
SYNE1	737.8212	0.270423	0.213204	1.268379	0.204663	0.361375
EDA2R	422.2196	0.173998	0.193653	0.898508	0.368915	0.535966
ARHGEF9	500.196	-0.23304	0.165151	-1.41105	0.158229	0.30476
SH3BGRL	3214.519	0.487188	0.190232	2.561016	0.010437	0.048415
COX7B	3488.404	0.279073	0.18808	1.483797	0.137863	0.277199
IDO1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RLIM	1182.168	0.359901	0.237268	1.516853	0.129304	0.265759
ABCB7	422.7849	0.112605	0.176807	0.636882	0.524202	0.670307
EXOC4	3218.024	-0.06656	0.132044	-0.5041	0.614191	0.740414
BARX1	11.95718	1.612837	0.845227	1.90817	0.056369	NA
NINJ1	3818.217	-0.24572	0.1318	-1.86436	0.062271	0.161562
IL13RA1	1486.749	-0.04403	0.14218	-0.30965	0.756824	0.848189
WDR44	412.6275	0.494857	0.197913	2.500376	0.012406	0.054553
KHDRBS3	753.3465	0.541705	0.209415	2.586752	0.009689	0.046165
PDHA1	1473.441	0.158084	0.128455	1.230657	0.218451	0.378009
RAI2	12.96343	-0.1839	0.604714	-0.30411	0.761042	NA
THAP1	181.1685	0.806077	0.230132	3.502674	4.61E-04	0.006455
EFR3A	1755.283	0.423704	0.180642	2.34554	0.019	0.073035
SEC61G	1061.962	0.236398	0.150209	1.573797	0.115534	0.245635
LANCL2	699.3848	-0.31136	0.139699	-2.2288	0.025827	0.090054
FIGNL1	249.5643	0.647246	0.22337	2.897636	0.00376	0.024485
DDC	0.162376	0.424913	4.079006	0.104171	0.917034	NA
HRSP12	199.8142	0.825831	0.235465	3.50723	4.53E-04	0.00643
VPS13B	902.5556	0.179244	0.175199	1.023091	0.306265	0.473301
MATN2	775.9522	-0.06018	0.288847	-0.20834	0.834963	0.901331
IRS4	25.51753	-0.60219	0.446274	-1.34938	0.177214	NA
MORC4	748.6096	-0.07079	0.149241	-0.47434	0.635257	0.756414
BEX2	58.25924	0.734555	0.347378	2.114569	0.034467	0.108758
RNF128	269.314	0.78143	0.188891	4.136927	3.52E-05	0.001342
GNG5P2	1.017482	-0.71858	2.105405	-0.3413	0.732874	NA

TBC1D8B	372.0021	0.886871	0.209926	4.224688	2.39E-05	0.001024
TCEAL4	1722.533	0.594096	0.23273	2.552722	0.010688	0.049189
BEX1	154.9105	0.736878	0.450311	1.636378	0.101761	0.22549
ADCK2	575.2929	-0.10655	0.153463	-0.69427	0.487511	0.640453
MKRN1	2863.468	-0.14459	0.123895	-1.16704	0.243195	0.406164
AGAP3	4114.462	-0.24748	0.162968	-1.51859	0.128866	0.265134
KRBA1	406.5291	-0.33517	0.171814	-1.95076	0.051085	0.140645
ZNF767	127.7627	0.812017	0.21809	3.723315	1.97E-04	0.00384
ACTR3B	107.0018	0.298337	0.24119	1.236937	0.216111	0.37531
IMPA1	609.4157	0.696543	0.212614	3.276092	0.001053	0.010711
LRRCC1	70.74331	1.200903	0.977102	1.229046	0.219055	0.378722
E2F5	102.6152	0.416802	0.279461	1.491448	0.135844	0.274817
TEX15	17.96326	0.670052	1.660018	0.403642	0.686476	NA
TMEM66	4500.289	0.247266	0.124086	1.992697	0.046295	0.132215
RNF122	186.7884	-0.53758	0.195839	-2.74498	0.006051	0.033633
LOXL2	256.2341	0.352993	0.287576	1.22748	0.219642	0.379295
ELP3	1226.322	-0.08996	0.124739	-0.7212	0.470786	0.627098
PEBP4	0.755955	0.348448	2.512583	0.138681	0.889702	NA
FAM127A	4719.17	-0.23548	0.128686	-1.82991	0.067264	0.169633
RAB33A	1484.459	0.534167	0.297577	1.795051	0.072646	0.17927
RBMX2	459.5457	0.210703	0.156512	1.34624	0.178225	0.330702
	463.4738	0.781435	0.159897	4.887115	1.02E-06	1.66E-04
OSTF1	1540.136	0.174905	0.136832	1.278246	0.201163	0.357485
RFK	779.9195	0.235099	0.176834	1.329493	0.183685	0.336932
UBQLN1	3902.449	0.120637	0.135605	0.889622	0.373669	0.539959
NAA35	359.8866	0.299694	0.203267	1.474383	0.140379	0.280568
C9orf40	303.3454	-0.12255	0.202305	-0.60578	0.54466	0.686398
ANXA1	5003.638	0.830445	0.221272	3.753049	1.75E-04	0.003558
CTSL	5322.333	-0.01704	0.130789	-0.13032	0.896314	0.939326
TMEM2	534.1031	0.013485	0.164267	0.082093	0.934573	0.963308
AGTPBP1	397.0666	0.792038	0.20099	3.940688	8.12E-05	0.002244
GOLM1	3508.616	0.215295	0.192897	1.116118	0.264371	0.428902
FAM189A2	223.7735	-0.94699	0.268654	-3.52496	4.24E-04	0.006131
PSAT1	3332.795	-0.33432	0.180951	-1.84756	0.064667	0.165736
ISCA1	762.7951	0.406538	0.169939	2.39225	0.016745	0.067229
DMTF1	377.5485	1.02516	0.243333	4.21299	2.52E-05	0.001062
TMEM243	457.9562	0.159239	0.187015	0.851474	0.394506	0.559233
CCDC146	13.10471	0.99229	0.728649	1.361822	0.173254	NA
TMEM60	795.766	0.170651	0.173947	0.981049	0.326568	0.494777
POM121C	600.1661	-0.6487	0.195412	-3.31965	9.01E-04	0.009727
CD36	13622.65	1.428965	0.329311	4.339262	1.43E-05	7.69E-04
PNPLA8	783.2201	1.101644	0.2374	4.640453	3.48E-06	3.38E-04
HILPDA	192.8544	0.006482	0.195403	0.033173	0.973537	0.985255
FAM71F1	0.354779	1.703954	3.657232	0.465914	0.641277	NA
RINT1	506.1309	0.392168	0.204158	1.920902	0.054744	0.147431
SRPK2	1372.976	0.246726	0.188817	1.306695	0.191316	0.34574
KCP	22.72309	-0.77594	0.487118	-1.59291	0.11118	NA

TES	941.7306	0.083621	0.170726	0.489794	0.62428	0.748088
MDFIC	973.8015	0.435446	0.205152	2.122553	0.033791	0.107341
SCRN1	7581.914	0.031974	0.165778	0.192873	0.847058	0.908932
C7orf25	10.74812	0.094956	0.671706	0.141365	0.887581	NA
TNS3	6881.898	-0.31798	0.173398	-1.8338	0.066683	0.168708
SPDYE1	1.493931	-0.17651	1.55812	-0.11328	0.909808	NA
CHST12	791.1117	-0.34408	0.176919	-1.94484	0.051794	0.141718
IGF2BP3	344.0547	0.093429	0.274016	0.340961	0.733133	0.831067
GPNMB	61853.12	-0.27805	0.136799	-2.03255	0.042098	0.124768
RAPGEF5	45.95752	0.43692	0.51206	0.85326	0.393515	NA
RAC1	6486.353	-0.23614	0.121393	-1.94521	0.05175	0.141717
KDELR2	4311.562	-0.14788	0.146089	-1.01229	0.311399	0.478811
NUPL2	447.4644	0.544507	0.168278	3.235764	0.001213	0.01178
IL6	4.84592	0.631249	0.92718	0.680827	0.495981	NA
ZDHHC4	887.9844	-0.23783	0.165096	-1.44056	0.149709	0.293211
AOAH	17.7255	-0.39467	0.520042	-0.75893	0.447897	NA
BZW2	1779.708	-0.18291	0.12888	-1.41926	0.155823	0.301695
DGKB	11.83407	1.231619	0.672086	1.832532	0.066872	NA
TBRG4	2422.551	-0.30763	0.132456	-2.32248	0.020207	0.076242
DDX56	1888.575	-0.25773	0.135365	-1.90393	0.056919	0.151192
HUS1	520.2442	0.335039	0.164553	2.036058	0.041745	0.124043
NACAD	271.1411	-0.27973	0.264599	-1.05719	0.290426	0.457298
C7orf69	0.260158	1.240347	4.047124	0.306476	0.759242	NA
DBNL	5350.335	-0.34387	0.157599	-2.18192	0.029115	0.09701
CCM2	1498.006	-0.1756	0.165778	-1.05923	0.289497	0.455896
MYO1G	11.05213	1.095517	0.683447	1.602931	0.10895	NA
TTYH3	24549.91	-0.38817	0.185095	-2.09715	0.03598	0.111865
NIPSNAP3A	575.9876	0.065386	0.167518	0.390321	0.696299	0.804152
LRRC8A	2184.655	-0.3011	0.164758	-1.82752	0.067622	0.170276
CDK9	1551.496	-0.35609	0.14556	-2.44635	0.014431	0.060473
TXN	4214.509	0.33695	0.141318	2.384335	0.01711	0.068067
ODF2	779.8149	-0.18415	0.163663	-1.1252	0.260506	0.424718
KIAA0368	2324.521	0.071854	0.160501	0.447687	0.654379	0.771753
TOR1B	955.8118	-0.056	0.200582	-0.27919	0.780101	0.865117
C9orf78	1981.319	0.318103	0.141061	2.255079	0.024128	0.085854
SMC2	467.8131	1.198422	0.377791	3.17218	0.001513	0.01363
KLF4	250.9452	0.38972	0.280396	1.389893	0.164561	0.313294
TOR1A	1268.488	0.018354	0.162062	0.113255	0.909828	0.947804
RALGPS1	62.94642	-0.43274	0.27555	-1.57045	0.11631	0.246689
FAM129B	11385.2	-0.32155	0.143012	-2.24839	0.024551	0.086758
ST6GALNAC	337.5264	-0.21577	0.16412	-1.3147	0.188612	0.342879
TMOD1	180.0876	-0.68273	0.347668	-1.96374	0.04956	0.137692
DAB2IP	1218.299	-0.46437	0.13405	-3.46416	5.32E-04	0.007022
STXBP1	6503.91	-0.36059	0.158798	-2.27074	0.023163	0.083463
SLC2A8	547.9901	-0.40642	0.155438	-2.61471	0.00893	0.043838
ANGPTL2	1562.373	-0.47119	0.179379	-2.62677	0.00862	0.042703
CDK5RAP2	1688.677	0.362502	0.18415	1.968513	0.049009	0.136932

ZFP37	40.13385	0.855826	0.404902	2.113661	0.034544	NA
SLC31A2	38.08937	-0.14343	0.352834	-0.40651	0.684367	NA
SLC31A1	2056.153	-0.20848	0.139509	-1.49436	0.135081	0.273679
TLR4	264.456	-0.15456	0.231741	-0.66697	0.504792	0.654381
ZNF189	310.5	0.480657	0.213924	2.246854	0.024649	0.086963
ALDOB	3.27791	1.250648	1.16492	1.073592	0.283006	NA
STX17	325.2179	0.494261	0.232309	2.127606	0.03337	0.106573
PRPF4	1055.488	-0.05744	0.158449	-0.36254	0.716946	0.81952
FPGS	2200.305	-0.26567	0.148926	-1.78391	0.074438	0.182214
USP20	1394.594	-0.61209	0.151423	-4.04229	5.29E-05	0.00171
BAAT	2.886861	-0.14642	1.309128	-0.11184	0.910949	NA
KIF12	1.724209	-0.58773	1.697585	-0.34622	0.729179	NA
ATP6V1G1	6510.296	0.732532	0.175678	4.169748	3.05E-05	0.001199
TEX10	1095.278	0.144722	0.157593	0.918325	0.358449	0.525712
GARNL3	168.6444	-0.51414	0.234	-2.1972	0.028006	0.09476
MRPL50	539.6536	0.654165	0.205234	3.187413	0.001436	0.013213
DPM2	1397.407	-0.0728	0.182237	-0.39949	0.68953	0.798357
WDR38	2.012464	1.134837	1.467439	0.773345	0.439318	NA
TSTD2	452.943	-0.1057	0.168819	-0.62612	0.531235	0.675613
GABBR2	25.71585	-0.27614	0.565273	-0.48851	0.625185	NA
HEMGN	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
PSMB7	6685.189	-0.05319	0.124524	-0.42712	0.669294	0.783111
NR5A1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
C9orf156	346.1423	0.141535	0.176484	0.801969	0.422571	0.584968
RABEPK	605.6271	-0.1939	0.184794	-1.04925	0.294061	0.461117
GOLGA1	642.631	0.187183	0.155165	1.206352	0.227682	0.389322
XPA	151.8882	0.530787	0.26182	2.027297	0.042632	0.12566
NCBP1	1283.078	0.150271	0.187111	0.803108	0.421912	0.584524
ANP32B	2598.523	0.253089	0.164594	1.537659	0.124132	0.258672
PDCL	594.5307	0.287649	0.160547	1.791679	0.073184	0.180262
RPL35	15140.04	0.078024	0.205964	0.378823	0.704819	0.810651
CTSV	182.9757	0.343788	0.204008	1.685174	0.091955	0.210878
LMX1B	0.258578	1.233151	4.047809	0.304646	0.760635	NA
ARPC5L	1073.394	0.02667	0.160729	0.165934	0.868209	0.921864
ENPP2	858.1499	-0.95323	0.260143	-3.66424	2.48E-04	0.004422
DSCC1	146.108	0.527053	0.285001	1.849302	0.064414	0.165288
DERL1	1911.989	-0.24063	0.144139	-1.66943	0.095033	0.215702
MYC	4525.719	-0.41556	0.154073	-2.69714	0.006994	0.037113
NOV	22728.5	0.064335	0.203732	0.315782	0.752168	0.844956
IL33	6.832173	0.790186	0.907603	0.870629	0.383957	NA
TMEM261	840.4223	-0.14628	0.216316	-0.67625	0.498883	0.649348
RANBP6	406.2544	0.557377	0.263852	2.112459	0.034647	0.10924
POLR1E	639.4509	-0.15662	0.164442	-0.95244	0.340873	0.508949
PLAA	874.5074	0.186915	0.163874	1.1406	0.254037	0.418046
IL11RA	665.6384	-0.36092	0.153793	-2.34679	0.018936	0.072813
UBAP2	1577.256	-0.49408	0.152109	-3.24821	0.001161	0.011424
APTX	867.0715	0.119896	0.158226	0.757754	0.448598	0.608203

RNF38	630.7144	-0.27029	0.18487	-1.46205	0.143728	0.285409
TLN1	16108.53	-0.6675	0.176235	-3.78756	1.52E-04	0.003285
DNAJB5	575.7752	-0.43571	0.149228	-2.91978	0.003503	0.023355
SPAG8	13.66764	0.292971	0.585618	0.500276	0.616881	NA
DCTN3	2893.136	-0.04343	0.14145	-0.30707	0.758793	0.849592
CD72	6.232182	-0.28028	0.788761	-0.35534	0.722333	NA
TMEM8B	421.3995	-0.44932	0.169503	-2.65081	0.00803	0.040681
GRHPR	3439.368	-0.13473	0.143771	-0.93713	0.348694	0.516656
ALDH1B1	849.6859	-0.46704	0.189424	-2.46557	0.013679	0.058239
HINT2	505.2616	0.053821	0.17685	0.304332	0.760875	0.851281
ARHGEF39	114.3003	-0.13249	0.301869	-0.43891	0.660727	0.776536
IGFBPL1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
DENND4C	596.755	0.458532	0.214908	2.133618	0.032874	0.105609
RPS6	36162.39	0.336316	0.150101	2.240602	0.025052	0.087945
MRPL15	1306.154	0.076551	0.141682	0.5403	0.58899	0.721298
PI15	64.7616	-0.01384	0.502199	-0.02756	0.978011	0.988096
TTPA	63.2398	0.800243	0.314183	2.547057	0.010864	0.049667
GGH	3163.578	0.555379	0.176002	3.155529	0.001602	0.014125
SLCO5A1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SULF1	0.260158	1.240347	4.047124	0.306476	0.759242	NA
TGS1	512.2482	0.724119	0.221868	3.263732	0.0011	0.011028
SDCBP	17170.61	-0.30163	0.171358	-1.76022	0.078371	0.188591
RGS3	1580.88	0.558485	0.284208	1.965055	0.049408	0.13756
NCOA2	1149.184	-0.04831	0.199002	-0.24278	0.808172	0.885397
FAM86B2	0.968725	0.233151	2.074813	0.112372	0.910528	NA
DYNLT1	1622.145	0.235741	0.168342	1.400369	0.161403	0.309067
TIAM2	36.73744	0.040118	0.349104	0.114918	0.90851	NA
TMEM181	1451.188	0.43685	0.219283	1.992172	0.046352	0.132315
PNLDC1	0.888653	-1.5355	2.47141	-0.62131	0.534398	NA
WTAP	1290.069	0.28013	0.162441	1.724506	0.084617	0.198286
C6orf211	483.2946	0.896885	0.260659	3.440841	5.80E-04	0.007426
SLC22A3	17.17941	0.619292	0.588434	1.05244	0.292598	NA
VWDE	0.536503	0.87599	3.23231	0.27101	0.786383	NA
GNA12	2795.413	-0.28931	0.133558	-2.16617	0.030298	0.099795
C7orf50	1022.792	-0.23113	0.204097	-1.13243	0.257455	0.421466
SDK1	227.5982	-0.91862	0.235775	-3.89615	9.77E-05	0.002508
CCZ1B	119.8601	0.350936	0.237306	1.478835	0.139185	0.279177
C7orf26	983.6711	-0.16822	0.17494	-0.96157	0.336267	0.505253
RBAK	319.7787	0.972395	0.335243	2.900564	0.003725	0.024357
CREB5	51.31576	0.638845	0.420573	1.518989	0.128765	0.265134
EGFR	9.04004	-0.33363	1.000866	-0.33334	0.738879	NA
LINC00525	0.096202	0.408546	4.079639	0.100143	0.920231	NA
IGFBP3	179.6271	-0.78578	0.310543	-2.53033	0.011395	0.051405
PURB	1059.49	0.126563	0.19876	0.636763	0.524279	0.670333
	17.69193	0.096012	0.500217	0.19194	0.847789	NA
IGFBP1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SRCRB4D	6.520021	0.136313	0.829493	0.164333	0.869469	NA

MDH2	7435.62	-0.2519	0.129865	-1.93974	0.052411	0.142855
POMZP3	40.39498	-0.20171	0.382947	-0.52674	0.598373	NA
GBAS	1381.621	0.274612	0.180621	1.520379	0.128416	0.264779
CCT6A	5401.91	0.337783	0.176196	1.917087	0.055227	0.148327
PSPH	715.6428	-0.43174	0.144557	-2.98661	0.002821	0.020352
ZNF92	52.15364	0.957428	0.512411	1.868476	0.061696	0.16036
ATXN7L1	202.7512	-0.16546	0.198716	-0.83265	0.405045	0.569272
TMEM168	786.1694	0.39179	0.156125	2.509464	0.012091	0.053697
C7orf43	593.1992	-0.159	0.180588	-0.88044	0.378619	0.544856
SLC12A9	1271.551	-0.28793	0.167974	-1.71416	0.0865	0.201545
GIGYF1	1070.102	-0.34177	0.167513	-2.04028	0.041322	0.123231
TRIM4	1755.186	-0.20062	0.127488	-1.57362	0.115576	0.245656
MEPCE	2401.588	-0.40863	0.176082	-2.3207	0.020303	0.076507
TMEM209	287.3221	-0.05675	0.228752	-0.2481	0.804054	0.882843
AGBL3	26.60742	0.839062	0.428473	1.958258	0.0502	NA
STRA8	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ZC3HAV1L	100.1396	0.513082	0.309349	1.658588	0.097199	0.218901
TMEM140	1792.342	-0.24932	0.160899	-1.54956	0.121247	0.254023
EPHA1	2.608753	0.32184	1.449872	0.221978	0.824331	NA
NOM1	542.9514	0.042715	0.182657	0.233851	0.815101	0.889858
NCAPG2	988.4249	0.127849	0.177542	0.720107	0.471459	0.627431
NLGN4X	201.1359	0.009162	0.23935	0.038279	0.969465	0.983447
SHROOM2	252.9109	-0.95968	0.280578	-3.42036	6.25E-04	0.007763
RAB19	0.163957	0.424913	4.079006	0.104171	0.917034	NA
C7orf55-LU	1859.735	0.233819	0.128572	1.81859	0.068974	0.172836
DENND2A	784.5963	-0.32957	0.167551	-1.96698	0.049185	0.137198
TMEM27	2.994995	0.153163	1.334711	0.114753	0.908641	NA
SH3KBP1	1448.222	-0.01584	0.180869	-0.08759	0.930202	0.960503
TMEM47	1178.53	1.378304	0.298936	4.610695	4.01E-06	3.70E-04
SYTL5	8.028479	-0.0265	0.794037	-0.03337	0.973376	NA
CASK	409.4907	0.148651	0.184424	0.806029	0.420226	0.583142
KDM6A	329.4683	0.089318	0.183138	0.48771	0.625755	0.748948
SPIN2A	2.057629	-0.887	1.414579	-0.62704	0.530634	NA
MSN	17004.09	-0.41014	0.144145	-2.84537	0.004436	0.027248
CCNB3	34.45923	0.104774	0.399753	0.262098	0.793246	NA
HDAC8	486.2682	0.339545	0.150996	2.248701	0.024532	0.086735
SLC16A2	198.2532	-0.54331	0.219558	-2.47458	0.013339	0.057401
CXorf36	0.488709	2.119056	3.307564	0.64067	0.521737	NA
ZNF157	4.726529	-0.0092	0.944493	-0.00974	0.992232	NA
ZNF182	90.18095	0.617496	0.310648	1.987768	0.046837	0.133187
CHST7	144.4651	-0.60566	0.250352	-2.41923	0.015553	0.063537
KRBOX4	129.1811	0.442954	0.233744	1.89504	0.058087	0.153608
NDUFB11	2596.123	-0.07201	0.16665	-0.43213	0.665644	0.780535
ZNF41	195.6038	0.262831	0.215895	1.217402	0.223451	0.384249
RAB41	11.78168	-0.0542	0.650679	-0.0833	0.933611	NA
ZMYM3	1102.765	-0.64403	0.148684	-4.33152	1.48E-05	7.84E-04
TAF1	565.9755	0.312275	0.21737	1.436607	0.15083	0.294626

NONO	8008.202	-0.27923	0.125315	-2.22825	0.025864	0.090102
CCDC120	157.5089	-0.55202	0.214547	-2.57297	0.010083	0.047448
LPAR4	0.735027	1.3952	2.594798	0.537691	0.59079	NA
EBP	2010.281	-0.16482	0.144697	-1.13911	0.254659	0.418896
OGT	2813.724	0.144866	0.208939	0.693337	0.488098	0.640939
SNX12	3575.065	-0.27247	0.134726	-2.02244	0.043131	0.126565
ITGB1BP2	0.897403	1.74906	2.471224	0.707771	0.479088	NA
IL2RG	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
ACRC	22.80006	0.736727	0.526664	1.398855	0.161856	NA
ZNF711	0.47803	0.520083	2.97881	0.174594	0.861399	NA
DIAPH2	440.2427	0.501273	0.347094	1.444199	0.148683	0.292069
NXF3	4.566664	0.239389	1.005414	0.2381	0.811804	NA
RIPPLY1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PRPS1	1464.986	0.038531	0.17388	0.221594	0.82463	0.894418
CXorf57	215.053	0.351536	0.208697	1.684434	0.092098	0.211061
FRMPD3	0.735616	-2.07189	2.528723	-0.81934	0.412591	NA
DOCK11	248.7053	0.582767	0.296698	1.964177	0.04951	0.137692
IGSF1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
GPC3	69.38272	-0.23624	0.327734	-0.72082	0.471022	0.62727
RBMX	2634.431	0.079428	0.138314	0.574261	0.565791	0.702867
MCPH1	298.3322	0.38372	0.181687	2.111987	0.034688	0.109309
MFHAS1	844.4083	-0.25493	0.168309	-1.51465	0.129862	0.266168
FBXO25	1255.14	0.322431	0.161055	2.00199	0.045286	0.130307
FAM58A	825.642	0.103267	0.145678	0.708873	0.478403	0.633189
NSDHL	1476.388	-0.05382	0.148901	-0.36143	0.717778	0.82009
ZNF185	98.24439	0.060712	0.279293	0.217379	0.827913	0.896239
CETN2	1230.307	0.226509	0.174774	1.296011	0.194972	0.350068
RPL10	20142.25	-0.15147	0.156199	-0.96969	0.332199	0.500589
CSGALNAC	110.5208	-0.65491	0.378578	-1.72992	0.083645	0.197007
ATP6V1B2	19278.06	-0.18885	0.14852	-1.27153	0.203539	0.359981
CCDC25	877.7566	0.649059	0.19768	3.283381	0.001026	0.010515
HMBOX1	455.1024	-0.20487	0.184666	-1.10942	0.267249	0.432229
CHRNB3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CHRNA6	46.48819	-1.11471	0.380221	-2.93173	0.003371	NA
GNRH1	12.99407	1.50141	0.671452	2.236063	0.025348	NA
BIN3	1538.418	-0.09098	0.13885	-0.65523	0.512318	0.659798
DOK2	17.75886	-0.14898	0.565783	-0.26332	0.7923	NA
SLC25A37	468.0375	0.36843	0.187242	1.967665	0.049107	0.137043
CHMP7	1614.743	-0.07629	0.154647	-0.49329	0.621807	0.746181
DOCK5	869.5517	0.154785	0.175752	0.880701	0.37848	0.544722
STAR	0.80987	-0.47359	2.47725	-0.19118	0.848387	NA
PROSC	965.7013	0.008144	0.18867	0.043167	0.965569	0.981198
ERLIN2	926.5309	-0.09034	0.178781	-0.50529	0.613354	0.740083
PXDNL	0.324752	1.53082	4.022025	0.380609	0.703493	NA
ST18	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RGS20	1191.894	0.158985	0.173822	0.914644	0.360378	0.527508
TACC1	9367.65	0.069313	0.145783	0.475455	0.634462	0.755859

GOLGA7	1962.882	0.265219	0.146126	1.815007	0.069523	0.173679
PPAPDC1B	253.7999	0.170819	0.19484	0.876717	0.380641	0.546836
GINS4	313.6364	-0.3515	0.253063	-1.38897	0.164841	0.313702
WHSC1L1	1101.499	0.349931	0.173287	2.019369	0.043449	0.126994
TRIM55	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ADHFE1	47.15133	0.145472	0.387996	0.374931	0.707712	0.812783
MRPS28	547.5722	0.35623	0.15093	2.360233	0.018263	0.071011
PMP2	28.929	0.634006	0.717849	0.883202	0.377127	NA
LACTB2	253.7849	0.525879	0.185205	2.839443	0.004519	0.027525
TERF1	263.4695	0.719036	0.326402	2.202911	0.027601	0.093918
RPL7	11433.82	0.484711	0.177072	2.737371	0.006193	0.034054
SLC26A7	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ATP6V0D2	12.23306	-0.95863	0.65045	-1.47379	0.140539	NA
SYBU	250.2913	-0.12182	0.175967	-0.69226	0.488771	0.641539
DPYS	4.040792	0.898349	1.086002	0.827208	0.408119	NA
MTDH	4054.164	0.556142	0.168596	3.298669	9.71E-04	0.010161
LRP12	2313.819	0.642771	0.197167	3.260034	0.001114	0.011107
EBAG9	245.0259	0.422796	0.210597	2.007602	0.044686	0.129144
POLR2K	1694.654	0.630815	0.14133	4.463411	8.07E-06	5.46E-04
MAL2	116.94	0.977935	0.311521	3.139229	0.001694	0.014563
EIF3H	4362.469	0.421855	0.1633	2.58332	0.009785	0.046533
UTP23	269.3624	0.519759	0.208012	2.498702	0.012465	0.054669
NDUFB9	2533.761	0.101565	0.161379	0.629355	0.529117	0.674264
TATDN1	138.5356	0.588361	0.252729	2.32803	0.019911	0.075484
FAM83A	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FAM135B	8.900899	0.101275	0.682896	0.148303	0.882104	NA
ZNF7	336.9891	0.110872	0.178605	0.620764	0.534755	0.678307
ARHGAP39	281.3138	-0.66249	0.205047	-3.23091	0.001234	0.011864
SLC39A4	186.2301	0.113313	0.203987	0.555489	0.57856	0.71305
NAPRT1	1268.874	-0.1535	0.141614	-1.0839	0.27841	0.444537
VLDLR	1614.872	-0.40734	0.151179	-2.69445	0.00705	0.037314
AK3	3420.577	0.394114	0.173403	2.27282	0.023037	0.083125
UHRF2	1104.345	0.451123	0.175545	2.569844	0.010174	0.047732
NFIB	421.266	-0.20018	0.25264	-0.79235	0.428158	0.589936
PLIN2	1946.445	-0.00889	0.160209	-0.05546	0.95577	0.975764
IFNA5	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
HAUS6	654.7757	0.79085	0.246343	3.210362	0.001326	0.012453
CDKN2B	179.0977	0.649724	0.238039	2.729482	0.006343	0.034639
CDKN2A	1584.245	-0.05309	0.268507	-0.19771	0.843273	0.906757
C9orf72	140.9155	0.504847	0.236564	2.134082	0.032836	0.105579
ZCCHC7	238.7528	0.571895	0.208675	2.740601	0.006133	0.03389
FBXO10	106.1018	-0.40635	0.237427	-1.71148	0.086992	0.202491
SIGMAR1	4563.846	-0.27467	0.162542	-1.68982	0.091063	0.2095
CBWD5	52.08658	0.374346	0.308132	1.21489	0.224408	0.385447
CEP78	496.8421	0.682729	0.243766	2.800756	0.005098	0.029995
NTRK2	4.483854	0.696399	1.036839	0.671656	0.501803	NA
IDNK	66.91514	0.251019	0.29144	0.861308	0.389069	0.554509

SHC3	6.816372	-0.4225	0.852761	-0.49545	0.620279	NA
AUH	348.7908	0.335709	0.206648	1.624548	0.104259	0.229312
HIATL1	8339.971	0.157059	0.121248	1.295356	0.195198	0.350192
C9orf3	713.0692	0.015915	0.145703	0.109231	0.913019	0.94937
ZNF462	586.2103	-0.43797	0.191142	-2.29134	0.021944	0.080716
INIP	344.7503	0.25043	0.166769	1.501652	0.133187	0.270643
UGCG	3240.707	0.280305	0.18303	1.531468	0.125654	0.260743
SNX30	1885.527	-0.01445	0.185144	-0.07804	0.937799	0.965405
STOM	4996.245	-0.14709	0.138448	-1.06239	0.288058	0.454295
GSN	25174.99	-0.278	0.125252	-2.21953	0.02645	0.091282
MRRF	519.9273	0.154848	0.160219	0.966476	0.333806	0.502383
NR6A1	73.2951	-0.53573	0.294897	-1.81665	0.06927	0.173285
ALAD	3081.916	-0.16817	0.143539	-1.1716	0.241359	0.404426
ASTN2	290.499	-0.37358	0.178387	-2.09419	0.036243	0.112566
WDR31	93.33169	-0.6083	0.305055	-1.99407	0.046144	0.131945
POLE3	1728.94	-0.13258	0.181737	-0.72953	0.46568	0.622931
SURF4	9135.579	-0.30923	0.148381	-2.08403	0.037158	0.114417
GBGT1	172.3392	-0.29434	0.214412	-1.3728	0.169814	0.320309
SURF1	935.1908	-0.07554	0.157524	-0.47955	0.631544	0.753746
SURF2	397.3502	0.05127	0.164872	0.310971	0.755822	0.847421
SURF6	958.1576	0.001742	0.185608	0.009384	0.992513	0.996738
MED22	1530.701	-0.44171	0.159713	-2.76564	0.005681	0.032302
REXO4	1294.671	0.006297	0.14989	0.042014	0.966488	0.981473
RPL7A	23746.57	0.07396	0.144861	0.510555	0.609663	0.736753
GTF3C5	1612.283	-0.30233	0.13668	-2.21195	0.02697	0.092425
ASB6	850.2583	-0.26651	0.149063	-1.7879	0.073792	0.181081
PTGES2	2524.819	-0.20441	0.140167	-1.45835	0.144745	0.286709
NTMT1	1347.695	-0.01564	0.184017	-0.085	0.932261	0.961541
CIZ1	3698.042	-0.29808	0.17655	-1.68835	0.091344	0.209983
SLC25A25	1303.165	-0.01664	0.203901	-0.08159	0.934972	0.963583
SH3GLB2	1400.617	-0.065	0.174949	-0.37153	0.71024	0.814697
FAM73B	703.2631	-0.16128	0.15411	-1.04651	0.295328	0.46262
PTGES	30.71952	-0.12125	0.416773	-0.29092	0.771112	NA
LRSAM1	789.4704	-0.68704	0.158891	-4.32397	1.53E-05	8.04E-04
HMCN2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
GPR107	3700.977	-0.34585	0.116618	-2.96566	0.00302	0.021262
C9orf142	466.2464	-0.13099	0.156616	-0.83638	0.402939	0.567456
INPP5E	547.7886	-0.34554	0.190311	-1.81564	0.069425	0.173563
SEC16A	2421.385	-0.64733	0.206505	-3.13468	0.00172	0.014673
DPH7	402.0745	0.061285	0.171617	0.357105	0.721013	0.822598
NOTCH1	489.7435	-0.82185	0.291076	-2.82348	0.004751	0.028544
CACNA1B	1.876019	-0.20672	1.620349	-0.12758	0.898484	NA
NACC2	2410.884	-0.41725	0.208796	-1.99837	0.045676	0.130858
CNKSR2	23.05165	0.435228	0.48296	0.901168	0.367499	NA
ZNF117	31.39135	0.15651	0.445406	0.351386	0.725299	NA
FAM49B	1023.883	0.294011	0.176054	1.670004	0.094919	0.215484
ASAP1	1941.166	-0.27929	0.209158	-1.3353	0.181779	0.334668

PTPRD	0.258578	1.233151	4.047809	0.304646	0.760635	NA
LURAP1L	134.5582	0.457627	0.360696	1.268734	0.204536	0.361313
CNKSR3	167.1325	-0.52148	0.222507	-2.34367	0.019095	0.073307
C7orf31	352.4385	-0.20067	0.225194	-0.89112	0.372866	0.539649
JAZF1	503.1603	0.074375	0.158679	0.468712	0.639276	0.759456
CACNA2D1	212.8356	0.268481	0.361132	0.743442	0.457214	0.615591
SEMA3D	37.06952	0.952808	0.375042	2.540534	0.011068	NA
TDH	0.327913	1.543154	4.021063	0.383768	0.701151	NA
FAM167A	2.40811	-0.82326	1.338187	-0.61521	0.538417	NA
NEIL2	707.5179	-0.21105	0.166199	-1.26986	0.204136	0.360822
PGM5	26.04562	-0.61128	0.456298	-1.33965	0.18036	NA
LONRF1	3291.903	5.47E-04	0.172041	0.003179	0.997464	0.999065
CNTNAP3B	12.20541	0.012481	0.590858	0.021124	0.983147	NA
FAM27C	0.845272	1.770638	2.207891	0.801959	0.422577	NA
MAGED4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TCEB1	2008.265	0.48337	0.161319	2.996359	0.002732	0.019947
LY96	898.6184	0.399284	0.208723	1.912981	0.05575	0.149428
TMSB4Y	0.61514	1.240942	3.104385	0.399738	0.689349	NA
PDE1C	8.170795	2.078686	0.892939	2.327914	0.019917	NA
RABGEF1	2.651062	-0.19575	1.230885	-0.15903	0.873643	NA
VOPP1	807.6358	-0.02117	0.161483	-0.13108	0.895709	0.939107
14-Sep	0.326333	1.533889	3.826878	0.40082	0.688553	NA
APOOL	129.66	0.206049	0.24151	0.853169	0.393565	0.55842
RSPH10B	1.131045	0.415538	1.930034	0.215301	0.829533	NA
FBXL18	410.4726	-0.67746	0.187818	-3.607	3.10E-04	0.005044
UNC93B2	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
KLF10	410.5272	0.151139	0.275861	0.54788	0.583775	0.717088
PTPRN2	63.0659	0.088198	0.304408	0.289737	0.772017	0.858857
AZIN1	3003.505	0.018099	0.16503	0.109672	0.912669	0.949346
ATP6V1C1	2732.738	0.738101	0.16634	4.437302	9.11E-06	5.97E-04
TMEM55A	899.0608	0.151325	0.163791	0.923894	0.355542	0.523732
OTUD6B	287.8873	0.939731	0.270621	3.472495	5.16E-04	0.006915
TTC39B	41.92527	0.509416	0.424403	1.20031	0.230019	NA
AGPAT5	891.2082	0.34458	0.162088	2.125884	0.033513	0.106886
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TRIM74	0.326333	1.533889	3.826878	0.40082	0.688553	NA
LRGUK	6.445109	-0.20501	0.845039	-0.24261	0.80831	NA
NUP205	2536.019	-0.21096	0.163828	-1.28769	0.197853	0.353565
C9orf85	177.908	0.296003	0.239839	1.234174	0.217138	0.376561
VSIG4	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
PDIA4	2519.807	-0.43541	0.138727	-3.13857	0.001698	0.014564
DEPTOR	107.3224	-0.017	0.301446	-0.05641	0.955016	0.975169
RNF20	1360.628	0.40444	0.221193	1.828448	0.067482	0.169976
ELMO1	72.40613	0.431963	0.32905	1.312755	0.189266	0.343409
FAM154A	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RRAGA	3678.754	-0.20532	0.126512	-1.62296	0.104599	0.229931
SLC24A2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA

ADCY8	1.168976	-0.41512	1.914592	-0.21682	0.82835	NA
RMND1	466.2955	0.304457	0.168052	1.811682	0.070035	0.174461
SLA	0.260158	1.240347	4.047124	0.306476	0.759242	NA
VBP1	1050.797	0.736566	0.174164	4.229161	2.35E-05	0.001011
RAB39B	41.58535	0.218965	0.360208	0.607885	0.543264	NA
CLIC2	0.940279	0.09645	2.075894	0.046462	0.962942	NA
AFF2	52.94357	0.14952	0.317334	0.471174	0.637516	0.758354
MICU3	76.26969	0.729156	0.403766	1.805887	0.070936	0.176188
VPS37A	796.6613	0.373214	0.14411	2.589788	0.009603	0.045907
TMEM185A	425.9182	-0.21328	0.188555	-1.13111	0.258008	0.422179
NAT2	0.392711	0.292538	3.145221	0.09301	0.925895	NA
PSD3	497.0505	0.205384	0.182164	1.127472	0.259543	0.423872
C9orf41	273.401	0.514786	0.286254	1.798351	0.072121	0.178385
GNA14	1.134023	1.814051	2.35922	0.76892	0.441941	NA
GNAQ	1647.467	0.043191	0.258647	0.166988	0.86738	0.921314
MMP16	132.0035	0.431631	0.305098	1.414733	0.157147	0.303367
DPY19L4	495.2927	0.640443	0.183607	3.488118	4.86E-04	0.00668
NDUFAF6	273.2113	0.177552	0.171411	1.035826	0.300284	0.467235
C8orf37	44.4432	0.250503	0.33001	0.759077	0.447807	NA
TSPAN7	39.10826	-0.28786	0.384856	-0.74798	0.454472	NA
RPGR	91.16487	1.007897	0.436572	2.308665	0.020962	0.078199
CDK20	294.4044	-0.15863	0.179539	-0.88352	0.376957	0.543599
GDF6	14.73241	1.373047	1.013553	1.354686	0.175518	NA
UQCRB	2741.057	0.734244	0.169494	4.331972	1.48E-05	7.84E-04
MTERFD1	314.5418	0.701576	0.212672	3.298868	9.71E-04	0.010161
PTDSS1	4233.975	-0.17759	0.18819	-0.94368	0.345333	0.513344
RPL30	8818.782	0.246042	0.166893	1.47425	0.140414	0.280568
FAM122C	37.10366	0.040857	0.348444	0.117255	0.906658	NA
FAM122B	717.7329	-0.26566	0.210309	-1.26319	0.206522	0.363668
FBXO43	16.20985	0.78959	0.518349	1.523277	0.127689	NA
PHF6	525.0452	0.832215	0.297249	2.799723	0.005115	0.030041
RAB11FIP1	1002.396	-0.32379	0.148828	-2.17558	0.029586	0.098146
UNC5D	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
UTP14A	543.7804	0.174445	0.172423	1.011726	0.311669	0.478933
AIFM1	2698.957	0.078657	0.136755	0.57517	0.565177	0.702545
BAG4	513.7139	0.466155	0.161783	2.881362	0.00396	0.025305
TBC1D31	203.4855	0.376193	0.259784	1.448101	0.147589	0.290713
WDYHV1	221.8123	-0.07096	0.194876	-0.36412	0.715772	0.81867
ATAD2	471.0617	0.930886	0.339692	2.740383	0.006137	0.03389
FBXO32	2593.869	-0.08888	0.172379	-0.51559	0.606139	0.734291
NSMCE2	722.0682	0.499944	0.199396	2.507293	0.012166	0.053937
GPR112	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ZIC3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MALSU1	799.7961	0.05358	0.178779	0.299697	0.764408	0.853784
RBPMS	1262.665	-0.31283	0.148134	-2.11181	0.034702	0.109327
NRG1	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
PAXIP1	278.2146	0.102092	0.183756	0.555584	0.578495	0.71305

STEAP2	6.00388	0.229836	0.867643	0.264897	0.791089	NA
CLDN12	459.4722	0.436816	0.191545	2.28049	0.022579	0.082057
FZD1	387.6378	-0.10422	0.188006	-0.55435	0.579337	0.713563
GATAD1	544.3288	0.280785	0.160824	1.745909	0.080827	0.192603
SUSD3	1.442399	-0.7557	1.646343	-0.45902	0.646222	NA
ARSE	239.2555	-0.3061	0.215843	-1.41816	0.156143	0.30202
TSC22D3	2280.14	-0.39953	0.276943	-1.44264	0.149121	0.292541
TMEM164	764.7051	-0.57515	0.160136	-3.59165	3.29E-04	0.005201
TAB3	1005.974	0.355013	0.19486	1.821887	0.068472	0.171978
C9orf43	82.8688	0.441945	0.431476	1.024265	0.30571	0.472886
PALM2-AK/	5.773446	-0.76635	0.905879	-0.84598	0.397567	NA
ZNF618	589.7589	-0.52818	0.147802	-3.57357	3.52E-04	0.005475
DGKI	15.14691	0.638579	0.53478	1.194096	0.232441	NA
C9orf91	1411.415	-0.53464	0.175023	-3.05469	0.002253	0.017456
UBN2	228.8079	0.499244	0.24964	1.999855	0.045516	0.13062
BRAF	296.3981	0.166995	0.208764	0.79992	0.423757	0.585958
PSMG3	695.1804	0.123469	0.181919	0.678706	0.497324	0.648387
SLC37A3	1096.706	-0.0441	0.156314	-0.28211	0.777859	0.863438
RPS4Y2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RADIL	2.046097	-0.06666	1.528709	-0.04361	0.965218	NA
WIPI2	2880.547	-0.17379	0.137009	-1.26849	0.204622	0.361375
ANKRD61	3.357902	0.048848	1.155402	0.042278	0.966277	NA
PTPDC1	502.1078	0.385887	0.183036	2.108261	0.035008	0.10994
RHPN1	32.19098	0.275514	0.380837	0.723443	0.469408	NA
AAED1	535.6454	0.211095	0.155717	1.355631	0.175216	0.327065
TMSB15A	81.1359	0.216975	0.265406	0.817521	0.413631	0.576757
FANCC	291.8802	-0.09772	0.184621	-0.52929	0.596602	0.726525
CUL4B	1136.218	0.662819	0.246731	2.686407	0.007223	0.037953
GPRASP2	203.8431	-0.24548	0.209378	-1.17243	0.241026	0.404325
AUTS2	560.6453	-0.54645	0.259182	-2.10837	0.034999	0.10994
SHROOM4	425.6122	-0.32113	0.186743	-1.71964	0.085499	0.19984
RIBC1	12.07106	-0.02321	0.608801	-0.03813	0.969586	NA
TMSB15B	249.8935	0.118909	0.183856	0.646749	0.517794	0.665014
TSPAN33	488.645	-0.28214	0.154607	-1.82488	0.068019	0.171022
AHCYL2	1530.337	-0.32696	0.167099	-1.95667	0.050386	0.139334
CPA2	20.82464	0.080895	0.572883	0.141206	0.887707	NA
NCF1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TSR2	1595.024	-0.10835	0.146666	-0.73875	0.460058	0.618366
PPP1R9A	20.4142	0.945217	0.532306	1.775703	0.075782	NA
DYNC1I1	149.5042	0.472629	0.255427	1.850346	0.064264	0.165041
PFKFB1	1.2036	0.044837	2.244311	0.019978	0.984061	NA
ALAS2	0.258578	1.233151	4.047809	0.304646	0.760635	NA
TMED4	2231.712	-0.24672	0.130084	-1.89664	0.057876	0.153117
COPG2	406.3303	-0.43908	0.215595	-2.03658	0.041692	0.123969
AGPAT6	10941.99	-0.30448	0.132524	-2.29752	0.021589	0.079801
PKD1L1	10.69426	-0.40713	0.695033	-0.58577	0.558028	NA
NPM2	422.068	0.004661	0.258303	0.018046	0.985602	0.99244

EDA	91.60582	-0.60377	0.278482	-2.16806	0.030154	0.099437
FGF17	4.891297	0.258729	0.959161	0.269745	0.787357	NA
DMTN	1320.785	0.052607	0.166683	0.315609	0.752299	0.844956
FAM160B2	1152.013	-0.38688	0.129937	-2.97747	0.002906	0.020694
CCAR2	2243.301	-0.31805	0.142718	-2.22855	0.025844	0.09006
FBXW5	9174.607	-0.18782	0.158605	-1.18417	0.236344	0.399195
STC1	33.41624	0.593619	0.525627	1.129352	0.258749	NA
TUBBP5	1.578084	0.558508	1.77995	0.313778	0.75369	NA
ANKRD18C	0.725928	0.181819	2.321433	0.078322	0.937572	NA
FAM131B	2.211191	0.832036	1.455796	0.571533	0.567638	NA
ZYX	2304.286	-0.17865	0.152089	-1.17463	0.240141	0.403355
CCDC107	248.7788	0.056257	0.217541	0.258602	0.795942	0.876779
NPR2	853.1323	-0.45994	0.141069	-3.26035	0.001113	0.011104
GNE	979.6099	-0.32693	0.156918	-2.08346	0.037209	0.114494
VMA21	730.0758	0.334265	0.261881	1.276399	0.201814	0.358267
G6PD	4724.485	-0.27733	0.151597	-1.82941	0.067338	0.169741
GAB3	26.02696	0.04893	0.432826	0.113047	0.909993	NA
RALGDS	1236.236	-0.33394	0.198868	-1.67922	0.09311	0.212928
VAV2	365.7249	-0.2781	0.22669	-1.22679	0.2199	0.379574
ADAMTS13	84.74809	-0.05031	0.430955	-0.11673	0.907072	0.946014
CACFD1	420.8718	-0.20087	0.156459	-1.28385	0.199193	0.355407
SLC2A6	971.5901	-0.38423	0.153679	-2.50023	0.012411	0.054556
C9orf116	107.0311	0.235276	0.24821	0.947889	0.343186	0.511307
GPSM1	1614.707	-0.21814	0.148827	-1.46571	0.142729	0.28371
C9orf117	59.28721	-0.38054	0.317868	-1.19715	0.231249	0.393379
TOR2A	221.8983	-0.21132	0.194476	-1.08662	0.277204	0.44307
ST6GALNAC	1442.528	-0.12064	0.181205	-0.66575	0.505568	0.654811
ZER1	1834.07	-0.47181	0.139368	-3.38534	7.11E-04	0.008369
ZDHHC12	1106.345	-0.21713	0.150858	-1.43933	0.150057	0.2936
PKN3	377.7594	-0.28058	0.226763	-1.2373	0.215974	0.375202
PPAPDC3	83.63976	-0.28665	0.268817	-1.06633	0.286273	0.452623
MED27	400.1228	-0.20945	0.158032	-1.32538	0.185047	0.338591
PPP1R35	269.0754	0.123433	0.19061	0.647571	0.517263	0.664587
STAG3L2	145.3765	-0.21443	0.271117	-0.7909	0.429003	0.59062
AZGP1	179.0029	-0.37996	0.234694	-1.61897	0.105454	0.231238
CYP3A4	0.736957	-1.0303	2.640699	-0.39016	0.696418	NA
CYP3A7	1.867855	0.43726	1.415907	0.30882	0.757459	NA
ZNF394	791.4299	-0.12096	0.170154	-0.71092	0.477137	0.632006
CPSF4	513.0038	-0.33919	0.165507	-2.04937	0.040426	0.121205
LY6E	6227.775	-0.71843	0.135702	-5.29421	1.20E-07	3.83E-05
VPS28	2573.848	-0.20976	0.143977	-1.45692	0.14514	0.287107
TONSL	616.781	-0.51402	0.194732	-2.63962	0.0083	0.041553
RECQL4	653.6995	-0.28346	0.217828	-1.30128	0.193162	0.348068
LRRC14	732.5864	-0.48502	0.159095	-3.0486	0.002299	0.017699
COL26A1	3.008049	-0.8782	1.432188	-0.61319	0.539751	NA
PPP1R16A	456.3444	-0.23247	0.166522	-1.39606	0.162695	0.310889
FOXH1	1.009375	1.515121	2.384802	0.635323	0.525218	NA

ORAI2	2220.556	-0.20345	0.175952	-1.15628	0.247567	0.411052
ALKBH4	373.8126	-0.09707	0.165074	-0.58803	0.556513	0.695935
SH2B2	119.2262	-0.46174	0.25355	-1.82111	0.06859	0.172238
RPL8	34494.15	-0.06686	0.125452	-0.53299	0.594041	0.724448
LRWD1	889.8901	-0.1936	0.171656	-1.12786	0.259378	0.423872
FBXL13	11.30116	-0.09297	0.681677	-0.13638	0.891523	NA
NAPEPLD	288.6425	0.125142	0.230698	0.542449	0.587509	0.720186
PSMC2	2978.767	0.477616	0.153636	3.108748	0.001879	0.015479
TBX20	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DAGLB	585.2896	-0.17442	0.191116	-0.91262	0.361442	0.528738
KIAA0895	106.8402	0.606658	0.301292	2.013523	0.04406	0.127962
STK17A	571.8387	0.568799	0.153768	3.699083	2.16E-04	0.004081
TRA2A	770.1978	0.011911	0.163576	0.072819	0.94195	0.967746
COG5	927.1356	0.230538	0.167461	1.376667	0.168615	0.318707
C7orf60	372.1753	0.733647	0.242931	3.019977	0.002528	0.01898
GPR85	433.2018	0.713777	0.191829	3.720901	1.99E-04	0.003853
RP9	230.8094	0.382892	0.200179	1.912753	0.05578	0.149437
BMPER	3.609392	0.680843	1.091073	0.624013	0.532619	NA
ZNF12	391.0936	0.555569	0.265745	2.090608	0.036563	0.113292
SLC29A4	30.42056	-0.13446	0.377501	-0.3562	0.721693	NA
STEAP1	74.16448	0.564376	0.296703	1.902156	0.057151	0.151605
CDCA7L	593.6528	-0.06123	0.18067	-0.33893	0.734661	0.832199
SP8	0.258578	1.233151	4.047809	0.304646	0.760635	NA
MIOS	507.4303	0.611324	0.17964	3.403041	6.66E-04	0.008061
KIAA1324L	26.69733	-0.19249	0.475257	-0.40503	0.685458	NA
INTS4L1	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
SYTL3	54.76402	-0.27012	0.319338	-0.84586	0.397629	0.562383
IQUB	4.443311	0.618512	1.00459	0.615685	0.538102	NA
HEY1	228.4687	0.344762	0.232799	1.480943	0.138622	0.278394
ZNF704	800.3387	-0.09299	0.241623	-0.38484	0.700356	0.807265
FABP5	506.008	0.289094	0.165823	1.743396	0.081264	0.193289
SHH	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TAGAP	2.31254	0.221919	1.320408	0.168069	0.866529	NA
COL1A2	4121.091	-0.25296	0.200305	-1.26287	0.206636	0.363668
FNDC1	211.1827	1.505462	0.805189	1.869701	0.061525	0.160095
CHMP4C	0.192403	0.975392	4.060716	0.240202	0.810174	NA
SLC13A4	2.267653	-0.27177	1.342478	-0.20244	0.839576	NA
BRI3	5908.96	-0.11076	0.134437	-0.82391	0.40999	0.573435
LMTK2	507.2847	-0.117	0.180313	-0.64885	0.516434	0.663954
CTSB	52601.45	-0.2918	0.147312	-1.98085	0.047608	0.13441
SOX17	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
DLC1	1857.747	0.1502	0.231569	0.64862	0.516584	0.664003
ADCY1	1125.395	-0.83716	0.23614	-3.54519	3.92E-04	0.00585
C8orf48	65.1982	0.759161	0.298593	2.542461	0.011007	0.050171
SUN3	2.14873	-0.54655	1.472639	-0.37113	0.710538	NA
C7orf57	27.86556	-0.01298	0.419553	-0.03094	0.975315	NA
PEX2	1182.97	0.256843	0.174981	1.46783	0.14215	0.282988

RAD21	2813.359	0.429548	0.145591	2.950376	0.003174	0.022004
SLC30A8	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MED30	95.16662	0.204408	0.260972	0.783259	0.433475	0.594636
TNFRSF11B	82.54817	1.319953	1.092431	1.208271	0.226943	0.388458
SBSPON	1.006068	2.047881	2.307936	0.887321	0.374906	NA
PHKG1	12.3155	0.213012	0.616833	0.345332	0.729845	NA
EN2	204.1703	0.596089	0.252378	2.361891	0.018182	0.070787
CSMD3	1.215043	0.083298	1.905339	0.043718	0.965129	NA
SPIDR	759.5545	0.075904	0.147764	0.513683	0.607473	0.73511
ORC5	520.8786	0.332254	0.21621	1.536714	0.124363	0.258991
HEATR2	845.6899	-0.4956	0.171307	-2.89306	0.003815	0.024686
OSGIN2	695.4029	0.616132	0.196127	3.1415	0.001681	0.014503
SUN1	1326.66	0.10916	0.138627	0.787441	0.431024	0.592439
OXR1	733.1621	0.877119	0.296718	2.956066	0.003116	0.021703
TMEM74	0.860264	-0.96741	2.363935	-0.40924	0.682365	NA
GPR146	12.78639	-0.25132	0.578413	-0.4345	0.663927	NA
GPER1	468.4643	-0.26202	0.212746	-1.23163	0.218089	0.377547
UNCX	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TMEM184A	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NOS3	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
MICALL2	218.9348	-0.06992	0.230364	-0.30354	0.76148	0.851797
INTS1	5235.025	-0.54947	0.152481	-3.6035	3.14E-04	0.005079
CDK5	1249.706	-0.09675	0.180939	-0.53471	0.592849	0.723441
SLC4A2	9550.146	-0.35678	0.158348	-2.25316	0.024249	0.0862
SLC7A13	0.162376	0.424913	4.079006	0.104171	0.917034	NA
FASTK	2350.617	-0.24498	0.126861	-1.93112	0.053469	0.144935
TMUB1	999.4128	-0.24399	0.150921	-1.6167	0.105943	0.231811
C7orf55	57.66995	-0.11623	0.297639	-0.39052	0.696155	0.804143
GBX1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
FOXK1	1096.058	-0.82061	0.227453	-3.60782	3.09E-04	0.005035
COX6C	2173.411	0.487232	0.119705	4.070265	4.70E-05	0.001582
OSR2	1.064927	0.46521	2.027265	0.229477	0.818498	NA
YWHAZ	17370.12	-0.04762	0.135145	-0.35234	0.724582	0.825081
BAALC	478.5001	-0.57494	0.175054	-3.28439	0.001022	0.010509
FZD6	676.8622	0.473806	0.256709	1.845691	0.064937	0.166126
CTHRC1	65.9506	-0.19641	0.37052	-0.5301	0.596041	0.726065
SLC25A32	666.602	0.214034	0.20448	1.046722	0.295228	0.462525
DCAF13	868.8982	0.695816	0.158603	4.387163	1.15E-05	6.61E-04
DCSTAMP	6.275674	0.554513	1.203738	0.460659	0.645043	NA
TP53INP1	1108.431	-0.10182	0.211851	-0.48061	0.630795	0.753088
INTS8	645.9493	0.408943	0.167811	2.436932	0.014812	0.061442
KIAA1429	1105.858	0.29673	0.204461	1.451281	0.146702	0.289472
FREM1	2.952918	1.449616	1.315877	1.101635	0.27062	NA
GEM	69.14272	0.495617	0.313828	1.579261	0.114276	0.243493
PDP1	734.6325	0.346407	0.183433	1.888462	0.058964	0.155268
TMEM67	193.2213	0.742938	0.229877	3.231898	0.00123	0.011864
KIAA0196	2410.492	0.124133	0.150769	0.823335	0.410318	0.573757

RPP25L	296.7991	-0.25252	0.192376	-1.31263	0.189306	0.343416
FAM219A	1492.969	-0.20991	0.155521	-1.34973	0.177104	0.329292
C9orf24	0.647493	-1.18339	3.051782	-0.38777	0.698186	NA
SNAPC3	1195.049	0.247846	0.158785	1.560889	0.11855	0.249961
KIAA1161	50.28585	-0.8055	0.392741	-2.05098	0.040269	0.120949
NUDT2	340.9571	0.008825	0.172156	0.051262	0.959117	0.977505
TMEM65	618.9611	0.718224	0.199527	3.599637	3.19E-04	0.005122
PSIP1	644.37	0.771797	0.608001	1.2694	0.204298	0.360991
CCDC171	1594.523	0.741568	0.258925	2.864023	0.004183	0.026182
UBAP1	1582.448	-0.11131	0.143864	-0.7737	0.43911	0.599011
SYK	3347.77	-0.06146	0.213373	-0.28803	0.773324	0.859531
NIPSNAP3E	11.04504	0.846022	0.6467	1.308216	0.1908	NA
ABCA1	312.9469	0.18446	0.203517	0.906362	0.364744	0.531993
NFIL3	615.1713	0.170376	0.238065	0.71567	0.474195	0.629587
LETM2	58.71549	0.410739	0.322058	1.275355	0.202184	0.358669
METTL2B	570.7108	-0.23995	0.184322	-1.3018	0.192985	0.347801
FXN	351.1209	-0.20852	0.171618	-1.21503	0.224356	0.385414
ZMAT4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TMEM71	57.61666	-0.45319	0.429564	-1.05499	0.291431	0.458333
MAMDC2	61.77649	0.364367	0.952914	0.382371	0.702186	0.808431
C8orf34	0.411855	0.250456	3.097618	0.080854	0.935558	NA
TMC1	0.411855	0.250456	3.097618	0.080854	0.935558	NA
ALDH1A1	91.90445	0.03799	0.35624	0.10664	0.915074	0.950986
HGSNAT	1867.678	-0.27624	0.144442	-1.91243	0.05582	0.149437
RASEF	52.19952	0.99451	0.322108	3.087508	0.002018	0.016256
GKAP1	5.5181	0.607832	0.848387	0.716456	0.47371	NA
KIF27	23.40688	0.386258	0.479698	0.80521	0.420699	NA
C9orf64	289.2343	-0.12935	0.185618	-0.69685	0.485899	0.639256
HNRNPK	12026.44	0.022267	0.121364	0.183475	0.854425	0.913506
	11.6988	1.311216	0.690501	1.898936	0.057573	NA
SVEP1	1.343961	-0.90382	2.015879	-0.44835	0.653901	NA
ANKS6	960.9408	-0.28619	0.175041	-1.63498	0.102054	0.226041
FBP1	4.278134	-0.89396	0.984971	-0.9076	0.364089	NA
TMEM246	909.9613	-0.55005	0.15451	-3.55998	3.71E-04	0.005601
ZHX1	780.6832	0.651173	0.289871	2.246423	0.024677	0.086963
DYNLT3	578.8628	0.844133	0.2748	3.071807	0.002128	0.016816
WBSCR27	6.548573	-0.14452	0.834433	-0.17319	0.8625	NA
MID1IP1	1466.471	-0.49123	0.146519	-3.35264	8.00E-04	0.009046
NCF1C	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
C9orf84	1.359799	0.16786	1.649101	0.101789	0.918924	NA
CXorf58	0.506476	0.726418	2.864186	0.253621	0.799788	NA
KIAA1958	85.69705	0.142887	0.27467	0.520211	0.602916	0.732033
PTCHD1	0.508056	0.731032	2.861912	0.255435	0.798387	NA
RNF183	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
ASB11	6.267335	-1.19849	0.963305	-1.24414	0.213448	NA
PCDH19	0.792452	-2.15617	2.562821	-0.84133	0.400166	NA
PIGA	242.4476	0.705051	0.193344	3.646619	2.66E-04	0.004599

FIGF	11.12887	0.77106	0.620105	1.243434	0.213708	NA
STRBP	168.664	0.647039	0.27674	2.338079	0.019383	0.074029
CLDN3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GAPVD1	1524.111	0.196689	0.149726	1.313662	0.18896	0.343263
C9orf89	1263.106	-2.79E-04	0.169152	-0.00165	0.998686	0.999371
WNK2	11.26933	-0.40238	0.65335	-0.61587	0.537982	NA
ATP7A	1546.526	0.27243	0.181216	1.503341	0.132751	0.270093
ZNF367	222.2579	0.637714	0.307225	2.075721	0.03792	0.115846
NLGN4Y	36.78098	0.352988	0.421835	0.836792	0.402709	NA
HDX	66.70513	0.728439	0.406668	1.791239	0.073255	0.180395
NDUFB6	1346.733	0.395865	0.147113	2.690895	0.007126	0.037572
AQP7	0.327913	1.543154	4.021063	0.383768	0.701151	NA
NOL6	1724.604	-0.46771	0.155605	-3.00576	0.002649	0.019519
AQP3	9.004298	-0.81582	0.721392	-1.13089	0.2581	NA
TRMT10B	164.2004	0.238221	0.210089	1.133905	0.256834	0.420781
VCP	13340.84	-0.30134	0.123302	-2.44396	0.014527	0.060619
PIGO	869.9995	-0.44979	0.175635	-2.56096	0.010438	0.048415
STOML2	3264.353	-0.20312	0.143071	-1.41972	0.155689	0.301553
BRWD3	338.8392	0.734817	0.242206	3.033848	0.002415	0.018279
MELK	840.4454	0.311741	0.14422	2.16156	0.030652	0.100548
DDX26B	109.5332	0.855262	0.25402	3.366905	7.60E-04	0.008794
CLDN2	0.631307	-0.20384	3.097925	-0.0658	0.947537	NA
WRN	136.5729	0.636607	0.286747	2.220101	0.026412	0.091242
SSX5	5.586922	-0.67566	0.93289	-0.72427	0.468902	NA
FAAH2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
QSOX2	712.681	-0.22982	0.202609	-1.13432	0.25666	0.420707
ENOX2	336.5619	0.086719	0.231198	0.375087	0.707596	0.812765
SNAPC4	472.7772	-0.44438	0.170462	-2.6069	0.009137	0.044457
PMPCA	2108.007	-0.20929	0.141962	-1.47426	0.140411	0.280568
SDCCAG3	1526.124	-0.10623	0.162234	-0.65478	0.512609	0.659932
FRMD7	3.383802	0.541899	1.244303	0.435504	0.663197	NA
AK8	7.974993	-0.15778	0.734398	-0.21485	0.829886	NA
C9orf9	156.0569	-0.45878	0.229893	-1.99561	0.045976	0.131591
TSC1	946.9268	-0.05676	0.140511	-0.40396	0.686241	0.795623
GFI1B	0.192403	0.975392	4.060716	0.240202	0.810174	NA
HPRT1	497.2162	0.111957	0.162129	0.690544	0.489852	0.642357
FAM69B	110.9591	-0.67848	0.405704	-1.67236	0.094454	0.21488
ZMYND19	602.6532	0.133837	0.165349	0.80942	0.418274	0.581245
FUNDC2	1532.764	0.241333	0.153574	1.571441	0.11608	0.246398
NSMF	5992.275	-0.10961	0.146672	-0.7473	0.454884	0.613778
ZMAT1	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA
TMEM130	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MCM7	2938.409	-0.21886	0.170571	-1.28311	0.199455	0.355784
ZNF3	536.2174	-0.18455	0.146287	-1.26157	0.207104	0.364221
ZSCAN21	159.117	0.022709	0.214304	0.105968	0.915608	0.951234
SPDYE6	5.838249	-0.23533	0.841662	-0.2796	0.779786	NA
NGFRAP1	5461.974	0.039913	0.123453	0.323309	0.746461	0.840469

ZCCHC18	31.85647	0.059529	0.36973	0.161006	0.872088	NA
NYAP1	103.1165	-0.04584	0.258187	-0.17753	0.859095	0.916352
TSC22D4	3410.36	-0.46397	0.127664	-3.6343	2.79E-04	0.004707
CNPY4	406.8085	-0.17145	0.184369	-0.92994	0.352403	0.520437
NAT16	2.865266	0.172729	1.249795	0.138206	0.890078	NA
NKX3-1	8.799898	0.127474	0.700482	0.18198	0.855598	NA
PBX3	422.5366	0.137456	0.149947	0.916697	0.359302	0.526452
TTC16	0.612365	-1.10341	2.696105	-0.40926	0.682349	NA
PIP5KL1	8.967054	0.074948	0.670898	0.111712	0.911052	NA
FAM102A	2084.763	-0.40101	0.180877	-2.21704	0.02662	0.091632
GOLGA2	2138.045	-0.195	0.161428	-1.20797	0.22706	0.388539
TRUB2	1547.596	-0.00662	0.126651	-0.05223	0.958342	0.977053
COQ4	736.2083	-0.33613	0.198632	-1.69221	0.090606	0.208729
SLC27A4	2256.662	-0.28274	0.142054	-1.99033	0.046554	0.132668
URM1	3423.993	-0.25142	0.1338	-1.87906	0.060236	0.15768
CERCAM	4949.292	-0.33416	0.119251	-2.80218	0.005076	0.029923
DOLPP1	423.8988	-0.38596	0.178312	-2.16454	0.030423	0.099989
ENDOG	362.0991	0.007941	0.172523	0.046029	0.963287	0.980069
PRRX2	0.88142	1.783485	2.222213	0.802571	0.422222	NA
TRAPPC9	1331.415	-0.5413	0.125643	-4.30825	1.65E-05	8.30E-04
PSCA	3.234034	0.13129	1.139422	0.115225	0.908267	NA
MFSD3	1172.383	-0.23049	0.189145	-1.21858	0.223003	0.38382
GPT	12.0033	0.305724	0.584556	0.523002	0.600973	NA
KIFC2	489.5135	0.20848	0.198119	1.052299	0.292662	0.459538
TMEM68	304.861	0.586131	0.210922	2.778899	0.005454	0.03145
CYP7A1	1.347539	-0.58768	1.73484	-0.33875	0.734797	NA
	20.11241	0.58915	0.467282	1.260801	0.20738	NA
SCARA3	13.84301	-1.29633	0.645392	-2.00859	0.044581	NA
PBK	878.8646	0.34205	0.258255	1.324465	0.185349	0.339038
SCARA5	0.410275	0.244283	3.100889	0.078778	0.937209	NA
COPS6	3142.093	-0.10258	0.141121	-0.72689	0.467296	0.62385
HOOK3	453.6965	0.754739	0.362712	2.080822	0.03745	0.114989
POLR2J3	34.01472	0.282588	0.376241	0.751083	0.452602	NA
KCNV2	1.22552	1.38393	1.789452	0.773382	0.439296	NA
PCMTD1	518.5561	1.050909	0.380401	2.762636	0.005734	0.032461
MPLKIP	573.1624	0.048921	0.153869	0.317937	0.750533	0.844011
HR	1257.296	-0.3641	0.201447	-1.80744	0.070694	0.175771
REEP4	1447.862	-0.3559	0.167507	-2.12471	0.033611	0.107059
LGI3	16282.97	-0.64885	0.16494	-3.93384	8.36E-05	0.002284
SFTPC	385.4036	-0.26	0.171178	-1.51891	0.128785	0.265134
BMP1	2867.384	-0.56618	0.128564	-4.40388	1.06E-05	6.40E-04
PHYHIP	34.88634	0.116507	0.365244	0.318985	0.749738	NA
POLR3D	964.6985	-0.16699	0.133994	-1.24623	0.212679	0.371436
FNTA	850.6909	0.34241	0.162486	2.107328	0.035089	0.110077
GFRA2	228.2379	0.240763	0.86606	0.277998	0.781014	0.865562
SLC20A2	932.4868	0.009985	0.154211	0.064747	0.948376	0.971147
ADAM9	2528.792	0.522428	0.350704	1.489656	0.136315	0.275434

FAM84B	404.3777	-0.38634	0.222008	-1.74021	0.081822	0.19431
ZBTB5	337.3213	-0.18576	0.195593	-0.94971	0.342258	0.510438
ENHO	13.87887	-0.51611	0.570561	-0.90456	0.3657	NA
SPRY3	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MECP2	3014.369	-0.28962	0.13956	-2.07526	0.037962	0.11593
AR	15.02469	-0.78134	0.635964	-1.2286	0.219222	NA
C8orf46	486.9731	-0.33623	0.180757	-1.86014	0.062865	0.162387
FAM110B	220.5098	-0.27279	0.188543	-1.44684	0.147942	0.291047
UBE2V2	679.3983	0.653228	0.222099	2.941154	0.00327	0.022362
ZBTB43	340.6287	0.162562	0.181801	0.894173	0.37123	0.537879
APEX2	830.3007	-0.22867	0.135135	-1.69212	0.090622	0.208729
CCDC126	240.4315	0.973693	0.241211	4.036687	5.42E-05	0.001728
CA5B	446.1863	-0.14422	0.218332	-0.66054	0.508906	0.657414
ZRSR2	140.5459	0.599108	0.250213	2.394388	0.016648	0.066926
	1.421286	1.067504	1.85287	0.576135	0.564524	NA
NR0B1	200.3442	-0.05537	0.335994	-0.16481	0.869095	0.922145
IL1RAPL1	145.1426	1.129467	0.399893	2.824422	0.004737	0.028489
PTK2	2519.401	0.178411	0.14835	1.202635	0.229118	0.390875
RSPH10B2	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
KCNK9	1.757047	0.794655	1.616013	0.491738	0.622904	NA
COL22A1	84.63595	-0.50874	0.33108	-1.53659	0.124393	0.258991
SDC2	1886.683	-0.13456	0.195665	-0.6877	0.491639	0.643353
MMGT1	1110.245	-0.09957	0.161192	-0.61771	0.536767	0.679944
TM2D2	1456.104	-0.01956	0.148644	-0.13159	0.895311	0.939035
HTRA4	5.257347	-0.03752	0.916184	-0.04095	0.967338	NA
PLEKHA2	1130.445	-0.42681	0.176367	-2.42001	0.01552	0.063444
GJB1	169.8099	-0.52836	0.40999	-1.2887	0.197502	0.353175
CLIC3	0.35636	1.709252	3.651833	0.468053	0.639746	NA
AGPAT2	2933.046	-0.22416	0.157748	-1.42102	0.155311	0.300999
PRY	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TRIM56	551.2011	-0.25965	0.21728	-1.19499	0.232093	0.394343
REPS2	317.5912	-0.54213	0.208973	-2.59424	0.00948	0.045537
SYAP1	1302.577	0.502191	0.17066	2.942644	0.003254	0.022326
TPST1	431.0661	0.380025	0.231161	1.643987	0.100179	0.223272
S100G	0.163957	0.424913	4.079006	0.104171	0.917034	NA
GUSB	1883.472	-0.49079	0.156707	-3.13188	0.001737	0.01475
BRD3	1100.844	-0.06062	0.161606	-0.37514	0.707558	0.812765
FRMPD4	5.051668	-0.20524	0.923802	-0.22217	0.824179	NA
ZFPM2	4.879953	1.47321	0.977888	1.506522	0.131933	NA
YWHAG	6515.854	-0.21941	0.139778	-1.56971	0.116483	0.246766
	1.322107	0.164454	1.725698	0.095297	0.924079	NA
FOXD4	4.226631	1.579694	1.109266	1.424089	0.154421	NA
	15.87858	-0.06624	0.560821	-0.11811	0.905984	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ZNF212	313.2548	-0.21483	0.167622	-1.28165	0.199965	0.355997
ZNF282	1031.181	-0.35184	0.184607	-1.90589	0.056664	0.150854
CNGB3	0.392857	-1.546	4.075469	-0.37934	0.704433	NA

FABP4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAM115C	34.88258	0.18232	0.38922	0.468425	0.639481	NA
SEMA3E	572.7275	1.042941	0.162593	6.414445	1.41E-10	2.09E-07
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
SLC26A5	1.216567	-0.28085	1.97818	-0.14197	0.887102	NA
COMMD5	896.8106	-0.12683	0.148409	-0.85457	0.392789	0.557866
DPY19L2P2	88.99401	-0.21772	0.287416	-0.75751	0.448743	0.608279
ZNF16	150.9761	-0.27423	0.202921	-1.35141	0.176564	0.328856
ARMC10	578.9518	0.121635	0.157241	0.773563	0.439189	0.599011
RASA4B	0.762279	-0.66959	2.551343	-0.26245	0.792978	NA
MURC	26.4307	0.545117	0.41431	1.315722	0.188268	NA
BOP1	1306.005	-0.38419	0.163032	-2.35652	0.018447	0.071585
GPR37	419.5388	0.251649	0.29265	0.859897	0.389846	0.555283
SDR16C5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CHCHD7	686.4954	0.332312	0.147029	2.260174	0.02381	0.085202
LMOD2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CEL	2.298351	0.590632	1.32559	0.445562	0.655914	NA
KBTBD2	1403.808	0.378865	0.159742	2.371726	0.017705	0.069636
MTSS1	669.5695	-0.27683	0.2097	-1.32013	0.186793	0.340892
RNF139	755.722	0.091968	0.172385	0.533503	0.593685	0.724163
HAS2	390.5446	-0.24505	0.221441	-1.10659	0.268469	0.433493
PLAC1	1.186394	0.520608	1.795836	0.289897	0.771895	NA
HS6ST2	0.622842	1.158846	2.735323	0.42366	0.671814	NA
PKIA	17.27081	0.181355	0.500888	0.362067	0.717302	NA
XKR6	107.3372	-0.326	0.229101	-1.42294	0.154753	0.300109
TSNARE1	311.24	-0.59014	0.216072	-2.73119	0.006311	0.034476
SOX7	4.822823	-0.55162	1.034483	-0.53323	0.593874	NA
CCBL1	231.6156	-0.28423	0.183172	-1.55171	0.120731	0.253097
MTM1	516.2365	0.688211	0.201437	3.416509	6.34E-04	0.007808
GIMAP8	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ATP6V0E2	1503.019	-0.35503	0.140146	-2.53325	0.011301	0.051105
C1GALT1C1	678.0764	0.447498	0.186919	2.394077	0.016662	0.06696
C9orf16	1067.081	-0.14187	0.14545	-0.97542	0.329351	0.497573
NAIF1	361.0382	-0.27186	0.183292	-1.48323	0.138013	0.27736
CLDN20	2.765315	0.970657	1.30076	0.746223	0.455532	NA
SOSTDC1	0.533728	-1.74213	2.820432	-0.61768	0.536785	NA
CHD7	701.7356	0.041974	0.238563	0.175947	0.860335	0.917119
ESCO2	145.3103	0.664965	0.248478	2.676146	0.007447	0.038877
CLCN5	611.5207	-0.15581	0.15023	-1.03712	0.299678	0.466476
APLN	5.327669	-1.2528	0.896185	-1.39793	0.162134	NA
NAT1	262.9974	0.792553	0.244301	3.244169	0.001178	0.011522
ZBTB26	76.73882	0.48385	0.29879	1.619364	0.105369	0.231153
OR1L8	0.163957	0.424913	4.079006	0.104171	0.917034	NA
GPR82	0.162376	0.424913	4.079006	0.104171	0.917034	NA
GPR34	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MLLT3	468.4411	0.600392	0.202869	2.959513	0.003081	0.021631
IFNB1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA

MIR31HG	1.284176	0.715001	1.74187	0.410479	0.681455	NA
ANKRD20A	1.022583	-1.06903	2.182302	-0.48986	0.62423	NA
CYCS	3858.149	0.408173	0.161803	2.522651	0.011647	0.052224
FRMD3	7.572116	1.454692	0.777123	1.871892	0.061221	NA
SNTB1	545.5376	0.203174	0.207134	0.980884	0.32665	0.494807
MTBP	65.35559	0.703027	0.32073	2.191958	0.028383	0.0954
MRPL13	718.0955	0.594529	0.166733	3.565763	3.63E-04	0.005542
HMGN1P3	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
GPR22	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
BPGM	908.3353	0.675884	0.202012	3.345768	8.21E-04	0.009177
POP7	890.088	-0.00712	0.16868	-0.04223	0.966314	0.981451
GNB2	8655.671	-0.25757	0.126678	-2.03325	0.042027	0.12465
TCEAL1	536.7128	0.740162	0.220329	3.359347	7.81E-04	0.008918
RAB40A	4.386089	1.080769	1.040994	1.038209	0.299173	NA
HCFC1	2189.893	-0.88164	0.195072	-4.51954	6.20E-06	4.77E-04
FUT10	365.0443	-0.12718	0.16536	-0.76909	0.441841	0.601869
PURG	2.810669	1.424188	1.437512	0.990731	0.321817	NA
ZNF596	37.36833	0.597894	0.404202	1.479195	0.139088	NA
CBWD1	181.6669	0.503724	0.212562	2.369772	0.017799	0.069778
CYP7B1	163.1127	0.627598	0.212207	2.957473	0.003102	0.021663
EGFL7	341.7629	0.196636	0.303325	0.648269	0.516811	0.664138
PHF8	672.2313	-0.47228	0.162029	-2.91479	0.003559	0.023678
ZNF680	37.45895	0.759586	0.400241	1.897822	0.05772	NA
BNC2	834.1406	-0.35823	0.212343	-1.68703	0.091597	0.210443
1-Dec	3.313232	0.209363	1.092636	0.191613	0.848045	NA
LRRN3	63.69783	0.105186	0.452221	0.232599	0.816073	0.889858
ADCK5	309.6387	-0.19211	0.170746	-1.12515	0.260527	0.424718
CYSLTR1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DMRT2	0.258578	1.233151	4.047809	0.304646	0.760635	NA
ZNF483	6.554617	0.558894	0.791864	0.705795	0.480316	NA
TNKS	1600.924	-0.38517	0.137852	-2.79405	0.005205	0.030383
ZNF449	203.2923	0.782692	0.248205	3.153404	0.001614	0.014192
PPP1R3B	304.8905	0.138138	0.171114	0.807287	0.419501	0.582614
FAM86B3P	33.71187	-0.82363	0.394039	-2.09022	0.036598	NA
TRIB1	513.565	-0.73908	0.219199	-3.37172	7.47E-04	0.008725
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TNFRSF10D	356.4025	0.438538	0.253595	1.729283	0.083758	0.197146
TNFRSF10C	88.93608	-0.27588	0.300024	-0.91954	0.357812	0.525131
NUDT18	610.0615	0.034212	0.192867	0.177387	0.859205	0.916352
SCAI	47.9956	0.289175	0.317829	0.909844	0.362905	0.530159
EIF1AX	690.9538	0.605096	0.177037	3.417908	6.31E-04	0.007785
CXorf23	74.02523	0.884249	0.514001	1.720326	0.085373	0.199625
GPR64	4.064483	0.270134	1.046568	0.258114	0.796319	NA
DPY19L1	1065.918	0.505193	0.166545	3.033361	0.002418	0.018285
KLHL15	278.3069	0.275124	0.219055	1.255958	0.209131	0.366699
FAM46D	0.548763	2.343695	3.135478	0.747476	0.454776	NA
FAM3C2	17.30257	0.498847	0.562786	0.886389	0.375408	NA

C9orf131	0.354779	1.703954	3.657232	0.465914	0.641277	NA	
ARL13A	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
STAG3L3	9.777769	0.399885	0.649848	0.615351	0.538323	NA	
WBSCR16	1146.704	-0.17496	0.147345	-1.18741	0.235068	0.397849	
GTF2IRD2B	45.98815	0.21132	0.347917	0.607386	0.543595	NA	
ABRA	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
ZCCHC12	0.685425	-2.11121	2.613539	-0.8078	0.419208	NA	
CNTNAP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
LINGO2	133.1796	0.043742	0.285002	0.153478	0.878021	0.926887	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
KLF14	3.766757	0.490819	1.024048	0.479293	0.63173	NA	
LEP	3.271578	0.742827	1.129443	0.657693	0.510735	NA	
PABPC5	132.7428	0.210674	0.27954	0.753646	0.451062	0.610395	
AMZ1	13.67145	0.181427	0.544366	0.33328	0.738923	NA	
SLC22A1	5.59921	0.079747	0.848007	0.094041	0.925077	NA	
ZDHHC14	438.5116	-0.46634	0.175852	-2.65186	0.008005	0.040626	
VCPIP1	561.8181	0.438107	0.237813	1.842233	0.065441	0.166907	
DOLK	824.0749	-0.25186	0.139006	-1.81186	0.070009	0.174433	
PHYHD1	104.4894	-0.36731	0.279016	-1.31644	0.188026	0.342128	
CCNE2	48.85924	1.041969	0.396468	2.628129	0.008586	0.042551	
LSM1	664.8311	0.663844	0.189034	3.511773	4.45E-04	0.00635	
LPL	65.40546	-0.81073	0.441475	-1.83641	0.066297	0.168118	
LONRF3	135.9995	0.517507	0.296101	1.747741	0.080509	0.19219	
SUGCT	179.0459	-0.0237	0.20113	-0.11784	0.906192	0.945762	
TMEM70	937.3658	0.507984	0.175413	2.895928	0.00378	0.02453	
LINC00476	84.14814	0.250582	0.265606	0.943433	0.34546	0.513404	
RWDD4P2	2.2965	0.031519	1.626595	0.019377	0.98454	NA	
TTLL11	130.8845	0.053022	0.227992	0.232559	0.816104	0.889858	
TOMM5	312.8005	0.040069	0.265348	0.151004	0.879973	0.928286	
ZNF169	54.44484	0.020193	0.300652	0.067165	0.94645	0.970016	
MSRA	725.0138	-0.25718	0.21202	-1.21299	0.225132	0.386187	
SWI5	472.6976	0.004644	0.197369	0.023528	0.981229	0.990173	
	65.02766	-0.66191	0.279607	-2.3673	0.017919	0.070101	
ZDHHC21	139.9017	0.899274	0.251215	3.579698	3.44E-04	0.00538	
PLEKHF2	866.2322	0.244737	0.214618	1.140339	0.254145	0.418166	
KLHL38	55.00843	-0.59623	0.327662	-1.81965	0.068812	0.172582	
TPRN	581.2024	-0.44577	0.156104	-2.85562	0.004295	0.026646	
KCNE1L	1.237779	2.36266	1.939468	1.2182	0.223148	NA	
SSNA1	2350.842	-0.07329	0.146755	-0.49943	0.617475	0.742537	
UFSP1	65.35258	-0.41578	0.277202	-1.49991	0.133638	0.27128	
SMIM19	416.6661	0.074725	0.20023	0.373198	0.709001	0.813827	
ANAPC2	930.4751	-0.3262	0.140433	-2.32282	0.020189	0.076222	
SLC25A53	71.44251	-0.04734	0.299894	-0.15785	0.874576	0.925145	
	3.790431	-0.04002	1.113123	-0.03595	0.971321	NA	
PRR18	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
CDC26	106.3457	0.335297	0.281838	1.189681	0.234172	0.3967	
DMRTA1	0.585114	1.12675	2.73598	0.411827	0.680466	NA	

GJC3	14.5004	-0.23516	0.604551	-0.38899	0.697286	NA
RIMS2	29.04945	0.856067	0.406977	2.103479	0.035424	NA
DNAJC30	438.1433	-0.29461	0.154053	-1.91237	0.055829	0.149437
VPS37D	158.7451	-0.15931	0.206252	-0.7724	0.439878	0.59988
PRR15	0.424115	1.932531	3.45462	0.559405	0.575885	NA
CNBD1	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
KBTBD11	18.38145	0.524127	0.604823	0.86658	0.386172	NA
RMDN1	1321.174	0.310765	0.190229	1.633636	0.102335	0.226383
TTTY14	31.95297	0.326861	0.406177	0.804727	0.420977	NA
C8orf59	266.812	0.57949	0.263877	2.196063	0.028087	0.094892
FKBP9L	61.26737	-0.59936	0.28131	-2.13062	0.033121	0.106006
FAM91A1	2049.146	0.535457	0.187894	2.849782	0.004375	0.026971
GRIN1	3.44057	-0.08563	1.094018	-0.07827	0.937611	NA
TCEANC	52.98596	-0.14966	0.329982	-0.45354	0.650159	0.768075
C8G	5.766238	0.402223	0.82988	0.484676	0.627906	NA
DPP7	6183.987	-0.15627	0.128695	-1.2143	0.224634	0.385667
FMR1NB	0.163957	0.424913	4.079006	0.104171	0.917034	NA
IFNW1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
ACER2	18.44084	-0.40395	0.494593	-0.81674	0.414078	NA
ZBTB34	236.1407	0.393595	0.23879	1.648288	0.099294	0.222267
FAM9B	0.826513	-0.16238	2.470404	-0.06573	0.947593	NA
CLVS1	0.411855	0.250456	3.097618	0.080854	0.935558	NA
RPS6KA3	1494.059	0.438776	0.206568	2.124119	0.03366	0.107125
MAN1B1	3115.358	-0.31305	0.129807	-2.41161	0.015882	0.064533
C8orf31	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
SAMD9L	93.1963	-0.00694	0.542387	-0.0128	0.989789	0.995162
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
C8orf47	0.490493	0.776209	2.895261	0.268096	0.788625	NA
ZBTB33	730.5777	0.721735	0.219465	3.288606	0.001007	0.010388
SAMD12	5.098543	0.626474	0.936822	0.668722	0.503673	NA
MBOAT4	1.005019	-1.03066	2.033647	-0.50681	0.612291	NA
SRRM3	493.8098	0.160271	0.173497	0.923769	0.355607	0.523757
THAP5	322.6184	1.095358	0.348343	3.144479	0.001664	0.014409
FAM20C	520.3034	-0.25587	0.200684	-1.27499	0.202313	0.358723
SLC35G5	0.643567	1.129905	3.100382	0.364441	0.715529	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
TMEM187	199.6446	-0.43082	0.189341	-2.27537	0.022884	0.08281
MAMDC4	31.54767	-0.02276	0.423531	-0.05375	0.957138	NA
LCN15	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ADAMTSL1	4.37404	-0.80785	1.002487	-0.80584	0.420334	NA
PPP1R42	2.38367	0.617124	1.290909	0.478054	0.632612	NA
	4.616701	-0.08772	1.007955	-0.08702	0.930653	NA
PLEC	13845.48	-0.61186	0.240441	-2.54473	0.010936	0.049887
GALNT11	1316.16	0.331452	0.148391	2.23363	0.025507	0.089306
ZFAND2A	518.1794	0.198809	0.169056	1.17599	0.239599	0.402786
FAM220A	585.0578	-0.10354	0.150144	-0.68964	0.490422	0.642588
GLDC	69.81381	-0.37852	0.285251	-1.32699	0.184512	0.337769

MCMDC2	20.86119	0.265726	0.462986	0.57394	0.566008	NA
CA8	3691.21	0.300269	0.164094	1.829858	0.067271	0.169633
ZNF713	38.02492	0.120685	0.403873	0.29882	0.765077	NA
PARP10	2059.805	-0.96604	0.209622	-4.60849	4.06E-06	3.70E-04
GRINA	6667.16	-0.50493	0.145507	-3.47012	5.20E-04	0.006953
GLULP4	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
ZHX2	249.498	-0.35208	0.187684	-1.87591	0.060667	0.158485
TRIM73	0.096202	0.408546	4.079639	0.100143	0.920231	NA
OPLAH	145.4744	-0.67433	0.212171	-3.17824	0.001482	0.013453
TMEM139	1.349176	-0.20983	1.827014	-0.11485	0.908563	NA
MSC	2959.509	-0.18426	0.185449	-0.99356	0.320436	0.48865
EXOSC4	818.0153	0.004436	0.151769	0.029228	0.976683	0.987343
LINC00086	7.803317	-0.36862	0.70683	-0.52152	0.602006	NA
RMI1	118.9368	0.943281	0.295727	3.189701	0.001424	0.013129
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RRS1	538.2436	-0.22435	0.156663	-1.43205	0.152131	0.296435
C9orf50	4.145233	-0.34696	0.993058	-0.34938	0.726804	NA
C9orf106	0.192403	0.975392	4.060716	0.240202	0.810174	NA
FAM133A	0.163957	0.424913	4.079006	0.104171	0.917034	NA
CYC1	4919.554	-0.14453	0.151013	-0.95704	0.338549	0.507304
	1.06487	0.25787	2.094579	0.123113	0.902018	NA
	0.593018	-0.10389	3.151334	-0.03297	0.973702	NA
MAGED1	6151.527	-0.50028	0.139168	-3.59476	3.25E-04	0.005188
ZCCHC5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAM156B	14.89821	0.474312	0.58996	0.803972	0.421413	NA
TMEM31	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
EGR3	167.681	-0.02227	0.276259	-0.08062	0.935745	0.964049
LINC00174	10.55709	0.501132	0.754107	0.664537	0.506347	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
EEF1A1P27	0.856337	0.757304	2.453242	0.308695	0.757553	NA
OR9A2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SHARPIN	1674.656	-0.26507	0.148696	-1.78264	0.074645	0.182427
SLITRK4	1.037858	1.046985	2.132048	0.49107	0.623377	NA
GCC1	1304.141	-0.20765	0.151455	-1.37102	0.17037	0.320797
MAF1	3992.445	-0.14522	0.152236	-0.95394	0.340113	0.508454
KIAA1875	1.484244	1.158505	1.742637	0.6648	0.506178	NA
ATP8B5P	3.517343	1.405365	1.115964	1.259329	0.207912	NA
MROH1	762.8897	-0.46147	0.176164	-2.61953	0.008805	0.043419
ABCA13	17.39966	-0.09244	0.538774	-0.17157	0.863777	NA
TIGD5	377.4736	-0.37018	0.191695	-1.93107	0.053475	0.144935
PUF60	4729.616	-0.36245	0.125283	-2.89308	0.003815	0.024686
ANKRD18A	3.151324	0.926551	1.210612	0.765357	0.444059	NA
LYNX1	203.2761	-0.18718	0.210074	-0.89104	0.372906	0.539649
MED14	1009.087	-0.05321	0.144377	-0.36856	0.712453	0.8164
TDRP	536.3283	0.239896	0.158287	1.515578	0.129626	0.266013
ZNRF2	450.3747	0.174474	0.195331	0.893224	0.371737	0.538483
GPR144	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA

	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MTURN	1704.549	0.323845	0.148877	2.17525	0.029611	0.098146
GAS1	407.7501	-0.50921	0.229078	-2.22286	0.026225	0.090906
BHLHA15	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
TSPYL5	464.7693	-0.5004	0.154682	-3.23504	0.001216	0.01178
TMEM64	1079.214	-0.2392	0.217428	-1.10012	0.27128	0.436426
MAP3K15	2.381527	1.059729	1.393844	0.760292	0.44708	NA
BHLHE22	1.203009	3.444822	2.116698	1.627451	0.103641	NA
SSR4	4488.896	-0.04717	0.138807	-0.33981	0.734002	0.831892
SCRIB	2317.008	-0.49082	0.137242	-3.57629	3.48E-04	0.005433
FAM83H	1075.92	-0.4515	0.163565	-2.76037	0.005774	0.032593
ZNF572	41.38184	0.230425	0.338436	0.680851	0.495966	NA
TCEAL8	2161.076	0.638553	0.189659	3.36684	7.60E-04	0.008794
LSMEM1	5.161673	1.844917	0.988272	1.866811	0.061928	NA
MAPK15	1.455651	1.673699	1.711992	0.977633	0.328256	NA
EHMT1	1078.315	-0.33955	0.138152	-2.45783	0.013978	0.05912
	14.07034	0.275522	0.553166	0.498082	0.618426	NA
ZNF707	382.2509	-0.12674	0.170299	-0.74424	0.456734	0.615154
PJA1	627.0309	-0.34314	0.136644	-2.51118	0.012033	0.053547
PENK	1.373842	0.279944	1.886333	0.148406	0.882022	NA
ZNF746	815.6411	-0.54966	0.149973	-3.66503	2.47E-04	0.004422
	127.4821	-0.20767	0.212587	-0.97688	0.32863	0.496926
ZNF467	4.07945	0.450304	1.1741	0.383531	0.701326	NA
ZBTB2	320.8762	0.298281	0.188329	1.58383	0.113232	0.241999
FANCB	95.85858	1.153935	0.300906	3.83487	1.26E-04	0.002961
TNFSF15	1.602044	1.906086	1.769986	1.076893	0.281528	NA
ZFP41	216.0316	-0.43145	0.208093	-2.07337	0.038138	0.116376
ATG9B	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PLAG1	91.57033	0.578067	0.287853	2.008203	0.044622	0.129054
YIPF6	1256.844	0.376692	0.191933	1.962623	0.04969	0.137989
BAI1	17.81821	-0.021	0.476113	-0.04411	0.964816	NA
KCTD9P2	2.73364	0.23429	1.220763	0.191921	0.847804	NA
TNRC18	1245.958	-0.74322	0.219048	-3.39296	6.91E-04	0.00825
ZNF716	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ERCC6L2	411.2752	0.684553	0.300015	2.28173	0.022505	0.081968
MRPL41	2989.487	-0.11232	0.169928	-0.66101	0.508609	0.657276
CREB3L2	2121.563	-0.42698	0.214341	-1.99205	0.046365	0.13232
TP53TG1	481.4521	-0.20634	0.156108	-1.32175	0.18625	0.340267
LDOC1	462.3857	-0.5547	0.177087	-3.13233	0.001734	0.01475
EXT1	894.3018	-0.24917	0.135035	-1.84521	0.065007	0.166214
ATP6AP2	4011.753	0.317761	0.124376	2.55485	0.010623	0.048986
AP1S2	5188.173	0.655935	0.21923	2.991991	0.002772	0.020121
C8orf33	2680.211	-0.05895	0.152797	-0.3858	0.699646	0.806526
	394.3334	-0.12612	0.218013	-0.57852	0.562915	0.700983
FBXL6	260.0368	-0.22796	0.207724	-1.09741	0.272462	0.437971
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
FAM87A	0.163957	0.424913	4.079006	0.104171	0.917034	NA

FAM27A	13.80312	0.02074	0.585204	0.03544	0.971729	NA
CLN8	826.1331	-0.06815	0.221046	-0.30831	0.757849	0.849017
XKRX	1.115061	0.450621	2.115791	0.21298	0.831343	NA
BGN	10.18698	0.557137	0.693591	0.803264	0.421822	NA
LHFPL1	19.57608	0.045276	0.507043	0.089295	0.928848	NA
FAM104B	276.0565	0.175569	0.185726	0.945315	0.344498	0.512554
FAM156A	14.57635	0.322833	0.535077	0.603339	0.546283	NA
LINC01006	14.17554	0.28627	0.589601	0.485532	0.627299	NA
SEPHS1P1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
PAPPA	21.20513	1.343563	0.614272	2.187245	0.028725	NA
MAFA	0.967088	-0.05827	2.035183	-0.02863	0.977158	NA
MAGEB17	1.254112	0.747071	1.987113	0.375958	0.706948	NA
GPIHBP1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RBM10	1358.998	-0.53798	0.137281	-3.91882	8.90E-05	0.002378
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
GLUD2	186.6973	0.084706	0.241885	0.350191	0.726195	0.826125
TCEAL7	481.4565	0.530137	0.20623	2.57061	0.010152	0.047664
CSMD1	11.99565	0.207913	0.769103	0.270331	0.786905	NA
ANKRD20A	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	18.03365	-0.34214	0.48195	-0.7099	0.477765	NA
CALN1	8.357508	0.059645	0.813048	0.07336	0.94152	NA
	0.681461	0.491544	3.066278	0.160307	0.87264	NA
ZNF623	519.2821	-0.23122	0.149261	-1.54912	0.121353	0.254133
BCOR	990.5713	-0.40392	0.232954	-1.73389	0.082937	0.195915
KIAA2026	666.038	0.345442	0.203794	1.695056	0.090065	0.207808
OR7E38P	99.16199	-0.10869	0.238052	-0.45658	0.647974	0.766251
TREX2	9.675869	-0.50499	0.688596	-0.73337	0.463336	NA
RP1L1	2.125238	-0.16649	1.323752	-0.12577	0.899914	NA
TRMT12	440.309	0.116237	0.166851	0.696648	0.486023	0.639348
EFHC2	14.3324	0.9704	0.569454	1.704089	0.088365	NA
UPP1	3982.452	-0.23862	0.148677	-1.60495	0.108504	0.235331
MACC1	0.460466	0.568655	3.014642	0.188631	0.850382	NA
ZNF703	1273.644	-0.69959	0.185764	-3.766	1.66E-04	0.003487
C9orf66	20.05975	-0.09072	0.50953	-0.17806	0.858679	NA
RBM12B	204.4296	0.398424	0.401139	0.993231	0.320598	0.488834
PNMA3	9.566258	0.575412	0.794266	0.724457	0.468785	NA
UTY	284.451	0.382809	0.206895	1.850259	0.064276	0.165041
SH2D1A	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TRBV21OR9	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PRKX	428.972	-0.06579	0.229749	-0.28638	0.774589	0.860453
FAM120C	231.1353	-0.45156	0.192352	-2.34758	0.018896	0.072701
GPR173	215.3493	-0.55615	0.193487	-2.87434	0.004049	0.025585
TSPYL2	426.4608	0.166997	0.185882	0.898402	0.368971	0.535982
IRAK1	2589.361	-0.08608	0.206973	-0.41591	0.677476	0.789334
CDR1	64.62606	1.170933	0.385533	3.037183	0.002388	0.018136
SRPK3	4.917951	-0.07986	0.882145	-0.09053	0.927865	NA
MAP7D2	46.67806	-0.19929	0.457884	-0.43525	0.663381	NA

KCND2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.572651	0.928649	2.780261	0.334015	0.738368	NA
TOP1MT	649.39	-0.09565	0.170325	-0.56155	0.574421	0.709683
LRRC19	5.755195	1.592818	0.889668	1.790351	0.073398	NA
WDR27	147.7968	0.342372	0.207919	1.64666	0.099628	0.222931
FOXO4	846.237	-0.15576	0.180095	-0.8649	0.387095	0.552959
PTP4A3	219.3484	-0.66427	0.31831	-2.08686	0.036901	0.113893
BEX5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.871089	-1.46164	2.262872	-0.64592	0.518329	NA
	7.486644	-0.38088	0.71703	-0.5312	0.595282	NA
MED12	1624.487	-0.82204	0.177561	-4.62961	3.66E-06	3.53E-04
CDCA2	290.8315	0.154391	0.18736	0.824033	0.409921	0.573435
AMER1	126.2281	-0.51023	0.22511	-2.2666	0.023415	0.084142
LRRC26	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
SMIM10	134.8853	0.660173	0.275498	2.396289	0.016562	0.066625
TCTE3	4.689443	1.014293	0.945744	1.072481	0.283504	NA
SATL1	48.05705	-0.20062	0.40083	-0.50051	0.616716	0.742224
APOO	470.7826	0.086657	0.160859	0.538713	0.590085	0.721887
CYCSP45	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA
RBM33	799.0399	-0.19401	0.153783	-1.26158	0.207101	0.364221
ARMCX2	738.3603	-0.54765	0.198598	-2.75757	0.005823	0.032734
	2.002337	-0.85041	1.514479	-0.56152	0.574445	NA
IMMP2L	339.2982	0.462666	0.195149	2.370834	0.017748	0.069688
TCEAL2	0.258578	1.233151	4.047809	0.304646	0.760635	NA
LCN12	0.420954	1.923376	3.462803	0.555439	0.578594	NA
IFNE	0.096202	0.408546	4.079639	0.100143	0.920231	NA
DGAT1	1011.758	-0.13625	0.145602	-0.93579	0.349384	0.517484
F8	70.78402	0.031278	0.284036	0.11012	0.912315	0.949227
CA13	80.22155	0.192932	0.257091	0.750443	0.452988	0.611985
	5.097146	0.416648	0.874831	0.476261	0.633889	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
EFCAB10	5.312631	0.481753	1.082114	0.445196	0.656178	NA
HSF1	2582.622	-0.29257	0.151718	-1.9284	0.053805	0.145597
C6orf120	729.702	0.124847	0.20932	0.59644	0.550881	0.692009
NRBP2	1137.985	-0.11843	0.264402	-0.44792	0.654208	0.771702
WBP5	1217.185	0.900315	0.205053	4.390651	1.13E-05	6.60E-04
WBSCR17	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
CD24P4	0.462046	0.589069	3.442439	0.17112	0.86413	NA
PARK2	83.1603	0.119092	0.296339	0.401877	0.687774	0.796869
BRCC3	348.6124	0.847326	0.249225	3.399837	6.74E-04	0.008102
OLFML2A	1115.511	0.786429	0.811203	0.96946	0.332316	0.500648
MORN5	1.574361	1.179246	1.789405	0.659016	0.509886	NA
MYBL1	186.422	1.079633	0.306246	3.525382	4.23E-04	0.006131
YTHDF3	2581.812	0.177872	0.150168	1.184488	0.23622	0.399143
ZNF696	221.4413	-0.20553	0.189865	-1.08253	0.279019	0.445311
CXorf38	434.6817	-0.06782	0.192201	-0.35286	0.724195	0.824799
SLC52A2	1264.789	-0.13982	0.15246	-0.91709	0.359095	0.526345

IKZF1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
BCAP31	7899.68	-0.22739	0.150022	-1.51573	0.129587	0.266013
POMK	58.27194	0.012832	0.30836	0.041612	0.966808	0.981629
KLHL34	82.55749	-0.17617	0.358885	-0.49087	0.623521	0.747708
PTCH1	1232.161	-0.03222	0.148485	-0.21698	0.828227	0.896434
NKAIN3	17.89544	-0.34713	0.52018	-0.66734	0.504558	NA
C7orf61	1.503619	-1.38768	1.61906	-0.85709	0.391395	NA
BICD2	1779.731	-0.2113	0.16609	-1.27218	0.203308	0.359796
TMLHE	351.5711	-0.24069	0.16185	-1.48713	0.136979	0.276172
SLITRK2	646.6182	-0.28933	0.14744	-1.96239	0.049717	0.138006
TAL2	0.326536	0.037056	3.842554	0.009644	0.992306	NA
GSAP	94.65394	0.19984	0.27841	0.717792	0.472885	0.628623
ANKRD46	217.9706	0.358543	0.213428	1.679925	0.092972	0.212735
ZBTB6	285.5697	0.574354	0.21701	2.64667	0.008129	0.041007
SAPCD2	184.5613	-0.3506	0.282118	-1.24276	0.213957	0.37274
NAP1L3	12.44878	-0.03119	0.60663	-0.05142	0.958988	NA
CA5BP1	284.2147	-0.19142	0.195551	-0.97889	0.327632	0.495835
THBS2	1050.512	-0.23486	0.306233	-0.76693	0.443121	0.603321
RXRA	1892.759	-0.32212	0.153347	-2.10058	0.035678	0.111306
C9orf47	1.721948	2.913894	1.832123	1.590447	0.111734	NA
ZNF75D	219.873	0.481374	0.204175	2.357654	0.018391	0.071413
NKRF	417.769	0.003168	0.152872	0.020726	0.983464	0.991324
AKAP14	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
PCLO	0.653072	0.258115	3.011926	0.085698	0.931707	NA
INSIG1	2419.751	0.08889	0.156676	0.567351	0.570476	0.706465
FAM86B1	6.65468	-0.08699	0.760863	-0.11433	0.908974	NA
XKR5	9.31477	-0.95619	0.668275	-1.43084	0.152477	NA
UBE2H	2102.652	-0.01351	0.190767	-0.0708	0.943558	0.968771
KIF24	279.0157	-0.37414	0.266201	-1.40547	0.15988	0.306994
SPDYE9P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
EEF1GP1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
DTX2P1	7.454188	-0.02386	0.809774	-0.02946	0.976497	NA
SPIN4	32.48193	-0.50079	0.384249	-1.30329	0.192475	NA
SPIN2B	83.59535	-0.15497	0.261195	-0.59331	0.552971	0.693627
CXCR3	0.7777	0.426209	2.574008	0.165582	0.868486	NA
ERCC6L	116.3534	0.492218	0.277268	1.775243	0.075858	0.184319
P2RY4	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ZNF395	705.891	-0.33776	0.165024	-2.04673	0.040685	0.121674
CHCHD2P9	1.267763	-2.07106	1.940816	-1.06711	0.285923	NA
GPR141	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.604258	1.087325	2.707696	0.401568	0.688002	NA
	5.707562	0.493024	0.865218	0.569827	0.568795	NA
GCNT1	7.859686	0.375818	0.726004	0.517653	0.604701	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
FNBP1	1128.653	-0.39312	0.205329	-1.91457	0.055547	0.148951
MAGED4B	0.717609	0.516981	3.063469	0.168757	0.865988	NA
RSBN1L	313.5441	0.321073	0.245385	1.308443	0.190723	0.345036

WDR86	1.869436	0.435321	1.4412	0.302055	0.76261	NA
TAF9B	279.7049	0.435059	0.213682	2.036015	0.041749	0.124043
MAGI2	289.8623	-0.37368	0.206177	-1.81243	0.06992	0.174248
LHFPL3	36.09416	0.242089	0.352315	0.687139	0.491995	NA
AGMO	92.75162	0.260052	0.392342	0.662821	0.507445	0.656489
MAGEH1	602.0836	0.081009	0.162007	0.500033	0.617052	0.742353
EXD3	242.4585	-0.14907	0.175796	-0.84799	0.396444	0.561108
CXorf67	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TMEM203	1016.336	-0.17026	0.149562	-1.13838	0.254963	0.419279
TCEA1	585.2704	0.560523	0.177725	3.153869	0.001611	0.01418
SECISBP2	940.8195	0.378205	0.149978	2.521741	0.011678	0.0523
C9orf153	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
SEMA4D	31.28257	0.010454	0.396729	0.02635	0.978978	NA
FAM205CP	0.640406	1.11402	2.710977	0.410929	0.681124	NA
CARD9	11.39093	-0.19711	0.601506	-0.3277	0.74314	NA
SOWAHD	5.151796	-0.47062	0.892288	-0.52743	0.597892	NA
EIF4EBP1	2032.353	-0.31082	0.135781	-2.28912	0.022072	0.081
FAM122A	452.189	0.030077	0.152345	0.197429	0.843492	0.906882
LCN10	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PMS2CL	115.0541	0.090681	0.219518	0.41309	0.679541	0.790866
CYHR1	1310.766	-0.16337	0.132111	-1.23658	0.216243	0.375393
COL14A1	188.1979	0.038905	0.452508	0.085977	0.931485	0.961326
ANKRD19P	2.544894	2.669624	1.521895	1.754144	0.079406	NA
UBQLN2	992.5378	-0.3583	0.211602	-1.69325	0.090408	0.208467
RNF133	0.258578	1.233151	4.047809	0.304646	0.760635	NA
TMEM215	225.3702	0.420065	0.3818	1.10022	0.271236	0.436415
NUTM2G	31.34266	0.258138	0.431688	0.597973	0.549858	NA
COL4A5	23.5433	-0.8406	0.449262	-1.87107	0.061335	NA
NHS	11.51554	1.137973	0.715426	1.590622	0.111695	NA
FAM166A	0.424115	1.932531	3.45462	0.559405	0.575885	NA
HEPACAM2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
LINC00265	86.08479	-0.55191	0.343298	-1.60766	0.10791	0.234643
LAMTOR4	2486.463	-0.13669	0.164386	-0.83152	0.405678	0.56959
PRKAR1B	409.1166	-0.12487	0.168858	-0.73951	0.459595	0.617954
TUBB4B	7277.078	-0.40101	0.204475	-1.96116	0.04986	0.138259
CENPP	146.976	0.13811	0.213017	0.648351	0.516758	0.664138
FAM92A1	448.6499	0.664338	0.179974	3.691299	2.23E-04	0.004159
FOCAD	1560.829	-0.33588	0.14015	-2.39658	0.016549	0.066618
	2.418944	0.14189	1.407484	0.100811	0.919701	NA
ZP3	5.67285	-1.0361	0.836173	-1.23909	0.215311	NA
CHM	655.1651	0.999471	0.249368	4.008017	6.12E-05	0.001863
SRP72P2	0.394291	0.298745	3.141711	0.09509	0.924243	NA
WASF4P	4.823265	-0.83338	0.930864	-0.89527	0.370642	NA
IER5L	307.9922	0.199912	0.233075	0.857716	0.391049	0.556329
	2.433936	-0.96658	1.339859	-0.7214	0.470662	NA
C9orf171	0.162376	0.424913	4.079006	0.104171	0.917034	NA
NDOR1	782.9327	-0.37882	0.162469	-2.33165	0.019719	0.075022

PTAR1	1096.488	0.844587	0.283381	2.98039	0.002879	0.020562
	2.071526	-0.13194	1.440511	-0.09159	0.927022	NA
ZDHHC9	1252.339	-0.31354	0.133713	-2.34487	0.019034	0.073142
ZBED6CL	27.13592	0.024856	0.48959	0.050769	0.95951	NA
QRFP	1.823628	-0.05328	1.545351	-0.03448	0.972496	NA
FAM221A	34.16125	1.179904	0.390768	3.019445	0.002532	NA
NOXA1	14.52472	-0.03573	0.571162	-0.06255	0.950126	NA
FZD9	192.9581	-0.10308	0.273761	-0.37652	0.706532	0.811936
ZNF322P1	9.137335	0.611446	0.674634	0.906337	0.364758	NA
ENTPD8	1.083511	0.500984	1.995536	0.251053	0.801774	NA
RPSAP47	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
RPL10AP2	4.377542	0.223368	0.950927	0.234895	0.81429	NA
KLRG2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TRMT2B	552.9102	-0.15351	0.172359	-0.89065	0.373116	0.539755
PTPLAD2	583.3701	0.096281	0.167593	0.574494	0.565634	0.702867
NYX	2.209623	-0.99081	1.504018	-0.65878	0.510038	NA
FAM120AC	632.1572	0.129669	0.159269	0.814149	0.41556	0.578766
C9orf152	0.806146	0.553068	2.206737	0.250627	0.802102	NA
NELFB	2536.522	-0.25207	0.137195	-1.83734	0.066159	0.16784
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
NDUFA4	6911.048	0.348922	0.157282	2.21844	0.026525	0.091357
RELN	9.554546	0.378721	0.71556	0.529265	0.596621	NA
TMEM120A	1893.581	-0.11687	0.150579	-0.77616	0.437653	0.597921
IL1RAPL2	0.260158	1.240347	4.047124	0.306476	0.759242	NA
CLDN4	0.728731	-0.58211	2.613299	-0.22275	0.823732	NA
DPY19L2P1	2.196963	2.030191	1.525428	1.330899	0.183222	NA
MAOA	429.3267	-0.28853	0.173961	-1.65859	0.097198	0.218901
NUGGC	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FAM180A	0.943054	1.955489	2.35722	0.829574	0.40678	NA
GSPT2	319.0836	0.101444	0.178342	0.568816	0.569481	0.705805
C8orf76	120.6991	0.073734	0.255804	0.288246	0.773159	0.859428
ZFP92	6.045368	0.090142	0.903763	0.099741	0.92055	NA
PAX5	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ADAM5	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TDRD7	3765.56	0.165029	0.170041	0.970528	0.331783	0.500291
ZNF250	171.382	0.017971	0.194854	0.092227	0.926518	0.958156
ZNF79	209.5687	-0.24038	0.232175	-1.03533	0.300516	0.467351
C8orf86	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
HRCT1	2.475158	-0.16612	1.645936	-0.10093	0.919608	NA
RNF216P1	228.5958	-0.10514	0.183694	-0.57238	0.567062	0.704045
EEF1A1P5	77.78796	0.114907	0.330395	0.347785	0.728001	0.827474
ZNF107	58.07316	1.092482	0.544054	2.00804	0.044639	0.129072
PPIA	14806.83	0.024815	0.14153	0.175331	0.860819	0.917387
GTF2IRD2	48.66262	-0.097	0.363772	-0.26664	0.789745	0.872547
	118.749	0.81743	0.2555	3.199334	0.001377	0.012785
IARS	5215.1	0.14069	0.143	0.983845	0.325192	0.493049
HIATL2	122.8778	0.422597	0.293708	1.438834	0.150198	0.293827

POM121	833.7208	-0.56565	0.19427	-2.91169	0.003595	0.023861
GIMAP5	3.990806	0.409521	1.061586	0.385763	0.699672	NA
STK31	0.260158	1.240347	4.047124	0.306476	0.759242	NA
NLGN3	28.41319	-0.45056	0.455921	-0.98825	0.32303	NA
NTNG2	31.45137	-0.35449	0.390924	-0.90681	0.364509	NA
WDR5	1128.499	-0.25407	0.147762	-1.71943	0.085536	0.199887
C9orf163	6.112948	-0.74708	0.80296	-0.93041	0.352158	NA
TRRAP	1719.715	-0.71125	0.179306	-3.96666	7.29E-05	0.002092
NUDT11	250.5169	-0.15333	0.17822	-0.86035	0.389595	0.555087
ZNF34	91.45041	-0.10833	0.252032	-0.42982	0.667329	0.781814
ZNF658	25.48304	0.655266	0.465631	1.407265	0.159349	NA
EPHB4	1674.534	-0.52343	0.171077	-3.05961	0.002216	0.017291
PPP1R26	1041.198	-0.20335	0.170301	-1.19407	0.232449	0.394718
ARMCX4	882.9063	-0.09114	0.240908	-0.3783	0.705207	0.810853
ZNF777	695.9316	-0.41148	0.152232	-2.703	0.006872	0.036662
ZNF775	372.6143	-0.23234	0.183613	-1.26536	0.205742	0.362805
TRAPPC2	128.2672	0.045993	0.264453	0.173918	0.86193	0.91824
TCEAL3	845.96	0.344179	0.170773	2.01542	0.043861	0.127724
TPK1	50.31048	-0.14093	0.364193	-0.38696	0.698786	0.806239
XRCC2	59.66672	0.797108	0.445814	1.787982	0.073779	0.181081
ZNF782	55.08433	0.548035	0.32772	1.67227	0.094471	0.21488
WNK3	84.76561	0.216059	0.289786	0.74558	0.455921	0.614797
ACN9	414.5155	0.50283	0.231658	2.170568	0.029964	0.09892
RABL6	7472.703	-0.32231	0.133256	-2.41873	0.015575	0.063581
ZKSCAN5	617.6723	0.124464	0.14917	0.834381	0.404066	0.568856
TLR7	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
TOMM7	6202.385	0.117733	0.167642	0.702286	0.482501	0.636338
VKORC1L1	1165.018	0.026697	0.180803	0.14766	0.882611	0.930406
DAPK1	2579.518	-0.34801	0.129379	-2.68986	0.007148	0.037647
COL27A1	1101.825	0.094412	0.242248	0.389734	0.696733	0.804576
CXorf24	24.8752	-0.23258	0.421242	-0.55212	0.580868	NA
ANKRD20A	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TLE1	2632.931	-0.43409	0.14774	-2.93822	0.003301	0.022439
MVB12B	116.1606	-0.31856	0.243723	-1.30705	0.191196	0.345629
CBWD3	2.774144	0.998761	1.334142	0.748617	0.454088	NA
ZNF252P	468.9558	0.494009	0.178333	2.770142	0.005603	0.03203
FLNA	60315.68	-0.585	0.162046	-3.61007	3.06E-04	0.005015
RPS26P11	0.260158	1.240347	4.047124	0.306476	0.759242	NA
FAM3C	482.6963	0.407002	0.196552	2.070713	0.038386	0.116952
LINC00087	72.6446	-0.20661	0.265382	-0.77854	0.43625	0.597062
LAGE3	1147.337	-0.1972	0.148639	-1.3267	0.184607	0.337891
	0.402398	-2.58771	4.018369	-0.64397	0.519595	NA
	1.691289	0.711275	1.584267	0.448962	0.653459	NA
WDR45	1021.485	0.124789	0.149676	0.833726	0.404436	0.569031
ZNF138	33.77647	0.71345	0.380039	1.877309	0.060476	NA
CXorf40B	565.988	-0.09017	0.14652	-0.61542	0.538277	0.681093
ZNF398	589.5246	-0.33366	0.184471	-1.80874	0.070491	0.175377

ZSCAN25	528.2087	-0.02344	0.156693	-0.14959	0.881087	0.929216
ARRDC1	519.3386	0.08366	0.182622	0.458108	0.646875	0.765569
IGF2R	9552.918	-0.57144	0.190744	-2.99585	0.002737	0.019954
GAL3ST4	372.6194	-0.60971	0.21411	-2.84766	0.004404	0.027123
ADAM32	1.731433	2.063348	1.755809	1.175155	0.239933	NA
	0.558248	0.982076	2.804738	0.350149	0.726227	NA
ABCB8	1395.01	-0.42089	0.127891	-3.291	9.98E-04	0.010333
SND1	13014.2	-0.36988	0.142007	-2.60468	0.009196	0.044588
	68.58318	-0.15215	0.313788	-0.4849	0.62775	0.750253
PIWIL2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
C9orf169	20.26633	-0.13558	0.484281	-0.27996	0.779507	NA
ENTPD4	2014.994	0.01536	0.16561	0.092751	0.926101	0.958106
EIF4BP6	8.815607	-0.77362	0.699586	-1.10582	0.268805	NA
GTF2E2	984.083	0.278935	0.139947	1.993149	0.046245	0.132137
RAD54B	53.55463	0.743834	0.318044	2.338774	0.019347	0.073916
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
ZNF655	728.3326	0.416331	0.197672	2.106169	0.03519	0.110334
UAP1L1	2367.311	-0.27827	0.157874	-1.76263	0.077963	0.188086
ZNF786	138.938	-0.33996	0.237771	-1.4298	0.152776	0.297301
ZNF517	218.9639	-0.37905	0.180006	-2.10575	0.035226	0.110418
FABP12	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GSTK1	2954.71	-0.10409	0.129712	-0.80246	0.422286	0.584768
PDGFA	120.6919	0.209868	0.378249	0.554841	0.579004	0.713515
SLC28A3	1.579307	0.141238	1.545188	0.091405	0.927171	NA
SSPO	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
COL4A6	2.481598	0.296742	1.233098	0.240647	0.809829	NA
HOXA4	4.740898	-0.62462	0.968224	-0.64512	0.518847	NA
TOPORS	455.2293	0.826701	0.274614	3.010406	0.002609	0.019343
GPX1P1	6.399117	-0.03017	0.781148	-0.03862	0.969191	NA
CXorf40A	257.1238	-0.16304	0.168326	-0.96857	0.332758	0.50106
PDCD1LG2	92.96481	0.303025	0.31573	0.959758	0.337177	0.505979
SPTAN1	11723.07	-0.47928	0.147644	-3.24619	0.00117	0.011469
PHF2	1209.214	-0.31417	0.154303	-2.03604	0.041746	0.124043
C9orf173	1.293864	-0.45062	1.884934	-0.23906	0.811057	NA
ZNF81	165.2439	0.674322	0.277037	2.434049	0.014931	0.061804
CCDC180	8.564079	1.022293	0.798734	1.279891	0.200583	NA
GPAA1	4874.737	-0.40257	0.124972	-3.22125	0.001276	0.012122
KIF13B	2846.921	-0.28387	0.169966	-1.67015	0.094889	0.215459
IFNA1	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
F8A1	23.18235	-0.18084	0.440968	-0.4101	0.681734	NA
RPL12	19935.27	0.198764	0.139214	1.427765	0.153359	0.298135
VPS13A	493.721	0.90177	0.359441	2.50881	0.012114	0.053766
KEL	1.10954	-0.31713	1.971981	-0.16082	0.872235	NA
NOL8	464.9935	0.853546	0.592654	1.440211	0.149808	0.293243
DLGAP2	2.795954	2.205551	1.374407	1.604729	0.108554	NA
RPS4X	20721.19	0.083221	0.163644	0.508551	0.611067	0.737999
ZNF273	28.57082	0.50191	0.480385	1.044809	0.296111	NA

MAK16	320.2722	0.582517	0.17982	3.239451	0.001198	0.011696
AKR1B10	11.05702	0.72358	0.692826	1.04439	0.296305	NA
NUP62CL	0.610582	-0.18034	2.753139	-0.0655	0.947774	NA
TOR4A	933.8831	-0.21647	0.188183	-1.15032	0.250012	0.41372
LPAR1	38.14314	0.181089	0.435037	0.41626	0.677219	NA
HMGN5	56.15696	0.728946	1.59533	0.456925	0.647725	0.766234
ZNF251	182.3513	0.588936	0.230863	2.551017	0.010741	0.049294
ZXDA	103.0771	-0.05722	0.253038	-0.22611	0.821113	0.892334
MLLT4-AS1	9.007245	0.515732	0.784907	0.657062	0.511141	NA
CARD11	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DCAF12L2	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ASPH	3475.366	0.645198	0.19183	3.363378	7.70E-04	0.008845
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAM115A	383.7968	0.52906	0.389812	1.357218	0.174712	0.326741
NRARP	1.676529	0.385402	1.772898	0.217385	0.827908	NA
ZXDB	168.9773	-0.47862	0.201905	-2.37054	0.017762	0.069688
TPM2	159.8888	0.670704	0.217924	3.077704	0.002086	0.016597
MAFK	599.5634	-0.02112	0.235945	-0.0895	0.928688	0.959358
ZNF789	207.0207	-0.20518	0.222363	-0.92273	0.356148	0.523903
SLC34A3	6.42176	0.329272	0.803253	0.409922	0.681863	NA
ARC	1.619811	1.252241	1.571886	0.796649	0.425655	NA
	1.400302	2.191364	1.96538	1.114982	0.264858	NA
KLHL9	1299.533	0.233935	0.273217	0.856224	0.391874	0.557055
TUSC1	647.6314	-0.23958	0.172151	-1.39169	0.164017	0.312758
SLC9A6	968.9116	-0.18727	0.153377	-1.22096	0.2221	0.382647
EIF1AY	383.8885	0.692598	0.250944	2.759973	0.005781	0.032602
DLL1	70.98745	0.369795	0.433445	0.853154	0.393574	0.55842
UNC13B	2859.244	-0.26238	0.140962	-1.86134	0.062696	0.162128
SMURF1	1253.524	-0.17843	0.142943	-1.24826	0.211934	0.370354
GATSL2	1.369486	-1.16441	1.660465	-0.70125	0.483145	NA
PLXNB3	1340.474	-0.64059	0.192523	-3.32731	8.77E-04	0.009546
EGFL6	3.355745	2.238261	1.346575	1.662188	0.096475	NA
GRIN3A	6.735497	-0.17383	0.769727	-0.22584	0.821329	NA
CNOT7	1177.587	0.257773	0.155538	1.657298	0.097459	0.219362
GK	718.586	0.519563	0.143292	3.625915	2.88E-04	0.004809
SFT2D1	960.7801	0.098301	0.168392	0.583762	0.55938	0.698121
ZNF277	311.8797	0.855771	0.357018	2.396998	0.01653	0.066564
TOX	24.94265	-0.30288	0.458596	-0.66045	0.508968	NA
RUSC2	1517.955	-0.42151	0.18364	-2.29529	0.021716	0.080102
C9orf96	76.84536	0.035668	0.273349	0.130486	0.896182	0.939326
TYW1	320.7246	0.164885	0.16708	0.986858	0.323712	0.491623
DCAF12	1574.276	-0.13508	0.160265	-0.84285	0.399314	0.563892
SMC5	234.4885	1.102952	0.710629	1.552079	0.120643	0.253003
DCAF12L1	8.933959	-0.966	0.789053	-1.22425	0.220857	NA
CAPZA2	2283.259	0.964373	0.246699	3.909102	9.26E-05	0.002414
BHLHB9	93.14029	0.368968	0.28572	1.291362	0.196578	0.352003
L1CAM	17183.07	-0.55892	0.146272	-3.82112	1.33E-04	0.003029

C9orf114	862.7619	-0.25312	0.150849	-1.67795	0.093357	0.213265
RPL39	241.7984	0.19721	0.213149	0.925222	0.35485	0.523121
GPRASP1	21.64218	0.255568	0.454338	0.562506	0.573771	NA
MAGEE1	21.75209	-0.5007	0.453978	-1.10292	0.270061	NA
DMD	389.3193	0.204116	0.276512	0.738183	0.460403	0.61869
ARMCX6	547.8016	-0.12578	0.166466	-0.75556	0.449914	0.609317
RORB	12.24928	-0.44776	0.645195	-0.69398	0.487692	NA
MIR148A	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR450A1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIRLET7D	0.777314	2.821035	2.404647	1.17316	0.240732	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RNU4-82P	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RNA5SP29	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-223F	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU1-72P	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	2.153335	0.761958	1.375318	0.554023	0.579563	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-824F	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
	1.255343	2.334528	1.930962	1.208997	0.226664	NA
RNA5SP26(	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
RNU6-1091	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.090192	0.321964	2.034163	0.158278	0.874237	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNA5SP24	0.651435	0.249629	2.788679	0.089515	0.928672	NA
RNY1	1.127738	1.224352	2.034449	0.60181	0.5473	NA
	0.575812	0.936922	2.776634	0.337431	0.735792	NA
RNA5-8SP3	1.533443	-0.70521	1.574317	-0.44795	0.654191	NA
RNU4-50P	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
SNORA65	5.53545	0.435282	0.921217	0.472508	0.636564	NA
RNU6-1082	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNORA14A	0.949524	-0.003	2.040023	-0.00147	0.998826	NA
SNORA5C	6.063088	-0.325	0.842472	-0.38577	0.699667	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNA5SP25	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNA5SP28	5.429561	0.724098	0.927571	0.780638	0.435015	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.590279	-0.7938	1.607826	-0.49371	0.621512	NA
	1.033263	0.082415	2.175992	0.037875	0.969788	NA

	1.772096	-0.48395	1.620622	-0.29862	0.765231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.653015	0.2552	2.787103	0.091565	0.927044	NA
	195.0215	-0.09066	0.26863	-0.33749	0.735748	0.832757
FAM83H-A	44.7185	-0.35429	0.353826	-1.0013	0.316679	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.956059	0.787678	2.36595	0.332923	0.739193	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
IGBP1-AS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	5.413185	0.042152	0.866614	0.04864	0.961206	NA
	0.717463	1.437863	2.615223	0.549805	0.582453	NA
C6orf99	3.776591	-0.29511	1.040166	-0.28372	0.776627	NA
GDI1	5595.701	-0.26768	0.14151	-1.89158	0.058547	0.154515
LINC00632	22.29087	1.015484	0.514972	1.971922	0.048618	NA
FAM127B	1177.163	-0.23003	0.150228	-1.53118	0.125726	0.260802
CCDC160	7.171478	1.825651	0.917456	1.989907	0.046601	NA
C9orf37	275.2029	-0.19674	0.181865	-1.08177	0.279356	0.445506
GLT6D1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
COL5A1-AS	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC00963	1046.096	-0.1655	0.172955	-0.95691	0.338612	0.507304
	6.336146	-1.30605	0.87466	-1.49321	0.135383	NA
TCEAL5	0.162376	0.424913	4.079006	0.104171	0.917034	NA
TCEAL6	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA
RPA4	0.939893	1.95109	2.358696	0.82719	0.408129	NA
CHIC1	156.3753	0.532871	0.31547	1.689134	0.091194	0.20976
NAP1L6	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NHSL2	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
GGTA1P	0.354779	1.703954	3.657232	0.465914	0.641277	NA
CXorf65	8.616975	-1.21994	0.762171	-1.60062	0.109462	NA
LRRC37A5P	10.78275	0.204102	0.687982	0.296667	0.766721	NA
SPIN3	71.12099	0.291005	0.288835	1.007513	0.313688	0.481146
	917.6503	-0.10778	0.152244	-0.70794	0.47898	0.633527
PAGE3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
COL15A1	872.5397	0.307682	0.577048	0.533199	0.593896	0.724345
C9orf129	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
C9orf170	5.836878	-0.39858	0.862041	-0.46237	0.643816	NA
	8.905883	-0.07016	0.691681	-0.10143	0.919211	NA
SSX9	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MAMDC2-A	2.126075	0.393395	1.65399	0.237846	0.812001	NA
C9orf135	0.720624	1.435938	2.334155	0.615185	0.538432	NA
	0.422737	0.518872	3.501356	0.148192	0.882191	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
CBWD6	13.11368	0.606523	0.582577	1.041104	0.297827	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
PGM5P1	3.347063	1.650862	1.179703	1.399389	0.161696	NA
FAM27E4	1.317366	0.190486	1.911887	0.099632	0.920636	NA

FAM27E2	3.708982	-0.71544	1.093841	-0.65406	0.513071	NA
	4.362761	1.310113	0.978317	1.33915	0.180522	NA
MROH6	94.92151	-0.23224	0.246512	-0.94209	0.346147	0.513975
FAM201A	4.13263	1.21096	1.004818	1.205153	0.228144	NA
	18.68046	0.220236	0.506112	0.435154	0.663451	NA
CXorf31	1.262017	-0.10925	1.859842	-0.05874	0.95316	NA
ATP6V0E2-	12.6377	-0.11987	0.565764	-0.21188	0.832201	NA
ZNF783	135.0009	-0.47316	0.274149	-1.72591	0.084363	0.197978
ZNF425	107.2951	0.140032	0.2331	0.600736	0.548016	0.689317
ARHGEF34I	16.9437	-0.50554	0.540934	-0.93457	0.350012	NA
PRSS3P4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
AARD	18.57848	0.568765	0.582832	0.975865	0.329131	NA
PKHD1L1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SLC35B4	1586.716	-0.20291	0.160934	-1.2608	0.207381	0.364492
FAM71F2	6.247363	-0.01866	0.788384	-0.02367	0.981115	NA
FAM205A	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
TRIQK	385.8764	0.756941	0.238155	3.178358	0.001481	0.013453
ARID3C	2.251467	0.062178	1.297425	0.047924	0.961777	NA
ZBTB10	486.2807	0.346838	0.256543	1.351967	0.176386	0.328679
SPDYE2	0.420954	1.923376	3.462803	0.555439	0.578594	NA
DGAT2L7P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PDE7A	198.5925	0.054768	0.213615	0.256387	0.797652	0.877602
TRBV20OR9	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
MUC12	3.438787	0.143424	1.133422	0.12654	0.899304	NA
	14.22953	0.919389	0.644341	1.426868	0.153618	NA
GOLGA2P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TECPR1	1676.248	-0.57307	0.150567	-3.8061	1.41E-04	0.003128
SAMD9	292.7716	0.501788	0.784387	0.639719	0.522355	0.668666
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	35.89805	0.243736	0.377114	0.646319	0.518073	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TMSB4X	3094.366	0.407276	0.198829	2.048373	0.040523	0.121376
C9orf92	0.392711	0.292538	3.145221	0.09301	0.925895	NA
POM121B	45.17695	-0.57381	0.354284	-1.61964	0.105309	NA
STAG3L1	17.75556	-0.05076	0.502741	-0.10097	0.919572	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	5.674431	0.539744	0.930096	0.580309	0.561706	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	220.2556	-0.20689	0.185482	-1.11541	0.264676	0.42918
ARSH	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
RP9P	216.5822	0.484934	0.231465	2.095064	0.036165	0.112353
PPAPDC2	234.0406	-0.29597	0.17696	-1.67253	0.094421	0.214847
FAM90A2P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DEFB134	4.172499	1.180712	1.115748	1.058224	0.289953	NA
DEFB135	0.458885	0.577525	3.449278	0.167433	0.867029	NA
DEFB136	0.488709	2.119056	3.307564	0.64067	0.521737	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA

ZNF316	779.9616	-0.36599	0.18062	-2.02627	0.042737	0.125875
	0.640406	1.11402	2.710977	0.410929	0.681124	NA
OR7E161P	2.294599	2.485977	1.485749	1.673215	0.094285	NA
	1.009025	3.177087	2.206167	1.440093	0.149841	NA
GYG2P1	0.708364	0.219301	2.144998	0.102238	0.918568	NA
HNRNPA1P	0.260158	1.240347	4.047124	0.306476	0.759242	NA
XKR4	11.98745	2.569433	0.863369	2.976056	0.00292	NA
	1.09159	1.212842	2.020776	0.600186	0.548382	NA
SNORA69	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SNORA22	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
RNU6-10P	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNORA5A	8.569254	-0.18227	0.784453	-0.23236	0.816261	NA
SNORA36A	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
RNU6-13P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-3P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RNU1-106P	1.569619	1.16325	1.623046	0.716708	0.473555	NA
RNU6-729P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU1-67P	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RNU6-800P	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RNA5SP284	0.697685	-0.92563	2.353044	-0.39338	0.694041	NA
RNU6-30P	0.624422	1.162588	2.733761	0.425271	0.670639	NA
RNU6-925P	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RNU6-178P	0.584911	2.38756	2.690807	0.887303	0.374916	NA
SNORA20	0.890088	-0.08229	2.128047	-0.03867	0.969154	NA
RNU6-1011	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR25	5.1054	-0.12976	0.875037	-0.14829	0.882112	NA
MIR23B	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
MIR593	0.326333	1.533889	3.826878	0.40082	0.688553	NA
MIR508	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR32	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR548AA1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR548D1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR222	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR455	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR181B2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR590	1.296253	2.478474	1.96601	1.260662	0.207431	NA
MIR93	0.950958	0.971806	2.077609	0.467752	0.639962	NA
MIR27B	1.533057	0.55892	1.825656	0.306147	0.759492	NA
MIR221	1.311188	0.009168	1.781747	0.005146	0.995894	NA
MIR219-2	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
MIR589	1.860032	-2.16427	2.345446	-0.92275	0.356135	NA
MIR503	0.162376	0.424913	4.079006	0.104171	0.917034	NA
MIR548A3	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MIR92A2	0.163957	0.424913	4.079006	0.104171	0.917034	NA

MIR106B	0.720624	1.435938	2.334155	0.615185	0.538432	NA	
MIR718	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
TRGV5	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
TRGV4	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
TRBV7-3	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
MIR374B	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.642189	0.046766	2.378271	0.019664	0.984311	NA	
FAM127C	586.32	-0.19335	0.159937	-1.20893	0.226688	0.388183	
RPS26P3	1.674018	-0.7301	1.698253	-0.42991	0.667257	NA	
RNF208	89.28344	-0.21871	0.268821	-0.8136	0.415876	0.579003	
POU5F1B	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RPS26P6	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RBM12B-A	4.205368	0.76966	1.022802	0.752501	0.45175	NA	
BTF3P12	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
PTTG3P	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA	
	0.35636	1.709252	3.651833	0.468053	0.639746	NA	
FGFR1OP	236.3738	1.012052	0.233242	4.339072	1.43E-05	7.69E-04	
LPAL2	4.785702	1.077113	0.95359	1.129534	0.258673	NA	
	76.77499	0.199067	0.290009	0.686416	0.492451	0.643732	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
SCAF8	798.5966	-0.12277	0.173375	-0.70813	0.478867	0.633449	
	4.144726	1.43462	1.14871	1.248897	0.211703	NA	
KRT18P68	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
YBX1P4	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
ASIC3	16.58078	0.272625	0.499948	0.545308	0.585542	NA	
NCLP1	2.94221	0.01418	1.184645	0.01197	0.99045	NA	
CCDC183	41.81402	-0.15486	0.333783	-0.46397	0.642671	NA	
ARHGEF35	15.91185	0.271307	0.563356	0.481591	0.630097	NA	
OR2F1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA	
DNLZ	6.041723	-0.31429	0.92574	-0.3395	0.734236	NA	
	1.959984	2.251507	1.641087	1.371961	0.170076	NA	
	7.411785	2.083851	0.846083	2.462939	0.01378	NA	
	0.847801	-1.30616	2.227118	-0.58648	0.557554	NA	
	3.31765	2.476355	1.363578	1.816071	0.069359	NA	
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
FTH1P12	5.726165	-1.01596	0.886593	-1.14591	0.251833	NA	
	1.703752	0.798229	1.53059	0.521517	0.602007	NA	
	0.831817	-1.27234	2.201546	-0.57793	0.563311	NA	
HAUS7	5.16276	0.453789	0.90233	0.502908	0.615029	NA	
PVRIG	2.95265	0.634121	1.3868	0.457255	0.647488	NA	
GPC2	41.82946	0.139	0.347821	0.399631	0.689428	NA	
ERV3-1	183.1598	-0.23268	0.227309	-1.02364	0.306006	0.473169	
HMGB1P37	0.410275	0.244283	3.100889	0.078778	0.937209	NA	
	9.452649	0.054672	0.689515	0.079291	0.936801	NA	

	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TPT1P13	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SETP8	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
YBX1P6	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	2.190182	-1.05595	1.345622	-0.78473	0.432611	NA
	1.300939	2.033521	2.329095	0.873095	0.382611	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
C8orf82	1173.648	-0.13116	0.195538	-0.67077	0.502366	0.652458
	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	0.490493	0.776209	2.895261	0.268096	0.788625	NA
SLC25A5P3	0.420954	1.923376	3.462803	0.555439	0.578594	NA
LDHBP2	1.863914	0.005204	1.528388	0.003405	0.997283	NA
S1PR3	162.6844	0.928535	0.392812	2.363813	0.018088	0.070537
RPS7P14	1.334367	0.842194	1.784035	0.472073	0.636875	NA
HMGN2P3(	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SERBP1P1	1.136405	-0.17844	1.973701	-0.09041	0.927961	NA
RPS10P14	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	2.883464	0.777594	1.235375	0.629439	0.529061	NA
RPL35P4	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NHP2P2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
CNN2P4	12.60682	-0.03503	0.583261	-0.06006	0.952107	NA
	57.54291	0.366778	0.318451	1.151755	0.249422	0.41332
VDAC1P2	1.415294	-0.46183	1.62897	-0.28351	0.776784	NA
RPL21P75	1.754504	0.853428	1.719701	0.496265	0.619707	NA
C8orf44	27.12826	0.351271	0.399481	0.879318	0.379229	NA
YBX1P10	7.821239	-0.28459	0.715961	-0.3975	0.691	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NPM1P6	6.236561	0.866281	0.869107	0.996747	0.318887	NA
GALT	606.8119	-0.14605	0.14806	-0.98646	0.32391	0.49186
	0.490493	0.776209	2.895261	0.268096	0.788625	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.803131	-0.76693	2.349822	-0.32638	0.744138	NA
	1.244664	1.349438	1.881361	0.717267	0.473209	NA
RRM2P3	2.384864	1.444326	1.358753	1.062979	0.287791	NA
	1.045726	0.338916	1.94625	0.174138	0.861757	NA
REPIN1	3008.967	-0.34127	0.13443	-2.53862	0.011129	0.050549
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RPS11P7	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
FBXO16	113.6131	0.168994	0.238539	0.708454	0.478664	0.633256
WEE2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PAXIP1-AS2	15.65996	0.411914	0.583137	0.706376	0.479954	NA

LDHAP4	9.513653	-0.26056	0.688232	-0.3786	0.704986	NA	
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA	
TDPX2	0.936915	0.819377	2.189457	0.374237	0.708228	NA	
TMEM213	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
ST7-OT4	0.324752	1.53082	4.022025	0.380609	0.703493	NA	
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA	
LINC00998	1070.183	0.891046	0.217767	4.091739	4.28E-05	0.00152	
	1.620196	0.149506	1.623	0.092117	0.926605	NA	
AZGP1P2	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
FIS1	5211.746	0.039375	0.146154	0.26941	0.787614	0.871252	
KRT8P14	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
RSBN1L-AS	115.9829	0.292719	0.228588	1.28055	0.200352	0.356417	
SPDYE3	120.0166	-0.2633	0.21381	-1.23146	0.21815	0.377598	
MBLAC1	71.99407	-0.01267	0.286051	-0.04431	0.964661	0.980626	
CBX1P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
RPS3AP26	5.369457	0.751802	0.972567	0.773008	0.439518	NA	
GNAT3	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
FAM185BP	7.610177	0.158986	0.727765	0.218458	0.827073	NA	
GTF2IRD2P	0.47961	0.535796	3.39605	0.15777	0.874638	NA	
	2.991623	-0.47739	1.328363	-0.35938	0.71931	NA	
TMEM249	2.875743	0.71712	1.194186	0.600509	0.548167	NA	
	57.98846	-0.41183	0.290444	-1.41795	0.156206	0.302092	
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	0.488912	0.771583	2.897678	0.266276	0.790026	NA	
	11.91114	0.731311	0.626871	1.166605	0.24337	NA	
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA	
HNRNPA1P	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
SEPT7P2	121.4802	0.762735	0.221969	3.436225	5.90E-04	0.007495	
POLR2J4	194.4875	-0.14245	0.214993	-0.6626	0.507587	0.656489	
	1.269533	2.018767	2.236927	0.902474	0.366805	NA	
FER1L6	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
MTCP1	10.05135	0.559032	0.679571	0.822626	0.410721	NA	
TPM3P4	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA	
	26.25836	-0.47191	0.455465	-1.0361	0.300156	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
LRRC69	8.63561	0.77943	0.74077	1.052189	0.292713	NA	
ISPD	37.38181	0.330544	0.381356	0.866759	0.386074	NA	
	1.66046	2.530715	1.855025	1.364249	0.172489	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
DNAJA1P3	3.198732	1.296258	1.275645	1.016159	0.309554	NA	
COL28A1	110.081	0.992825	0.447331	2.219441	0.026457	0.091282	
FDPSP5	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
GRID2IP	2.756094	-0.65166	1.292174	-0.50431	0.614044	NA	
C9orf38	0.937264	-1.23834	2.063944	-0.59999	0.548514	NA	
EEF1A1P29	3.671006	0.67854	1.116298	0.607848	0.543288	NA	
CHMP1B2P	8.02309	0.751416	0.742603	1.011868	0.311601	NA	
TTC3P1	14.23411	0.672678	0.769391	0.8743	0.381955	NA	

UBXN2B	322.348	0.111992	0.208264	0.537739	0.590757	0.722451
	5.282941	0.563179	0.956925	0.58853	0.556177	NA
MAPK6PS4	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
FAM166B	1.975362	-0.16295	1.91951	-0.08489	0.932349	NA
YWHAZP6	4.020345	-0.32154	0.979386	-0.3283	0.742681	NA
RBMXP2	4.883181	0.07567	0.895923	0.08446	0.932691	NA
UBA52P6	3.170543	-0.34775	1.209171	-0.28759	0.773659	NA
RPL7P33	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.462046	0.589069	3.442439	0.17112	0.86413	NA
KCNU1	5.330241	-0.75246	0.862517	-0.8724	0.382988	NA
HMGB3P24	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	0.81145	-0.46945	2.476203	-0.18958	0.849635	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
DDX3X	6349.613	0.680412	0.180238	3.775067	1.60E-04	0.003412
NPM1P12	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.767216	-0.79083	1.201441	-0.65824	0.510386	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
FAM66B	5.56359	-0.51233	0.887161	-0.5775	0.563603	NA
PSMA6P1	1.663046	0.194302	1.527979	0.127163	0.898811	NA
	12.35173	1.792787	0.757133	2.367864	0.017891	NA
TMEM242	495.8726	0.215311	0.171583	1.254849	0.209534	0.367119
MIR450B	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
MIR513C	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.003293	0.228546	2.091683	0.109264	0.912993	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
GAPDHP72	2.946137	-0.58834	1.15719	-0.50842	0.611157	NA
RPS2P55	4.684279	-0.24145	0.954108	-0.25306	0.800221	NA
	54.4764	0.246808	0.300143	0.822302	0.410905	0.57424
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.972246	0.032713	2.31623	0.014124	0.988731	NA
RPS10P3	5.259817	-0.47796	1.021477	-0.46791	0.639851	NA
LDHAL6FP	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KRT18P48	0.096202	0.408546	4.079639	0.100143	0.920231	NA
TATDN2P2	66.20945	0.413769	0.357148	1.158537	0.246645	0.41021
	117.8607	0.164668	0.231332	0.711826	0.476572	0.631541
	0.495797	-0.73607	3.324282	-0.22142	0.824763	NA
	0.870886	-0.53073	2.310896	-0.22966	0.818353	NA
RPS4XP8	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
FTH1P19	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
CACYBPP3	0.488709	2.119056	3.307564	0.64067	0.521737	NA
AMZ2P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HSPA8P15	1.05261	-0.79	2.093679	-0.37733	0.705932	NA
RPL23P8	6.93998	0.936362	0.830824	1.127028	0.259731	NA
TPT1P8	0.151697	-1.546	4.075469	-0.37934	0.704433	NA

FTH1P8	169.3963	-0.02517	0.195755	-0.1286	0.897676	0.939852
RPA3-AS1	404.394	0.260893	0.153235	1.702574	0.088648	0.205459
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	3.559776	1.495895	1.105153	1.353563	0.175876	NA
	28.03707	-0.01398	0.451282	-0.03098	0.975285	NA
	1.51862	-1.23018	2.037368	-0.60381	0.545971	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HNRNPH1P	1.015902	-0.7221	2.105992	-0.34288	0.731689	NA
HSPE1P26	1.06294	2.033685	2.088387	0.973807	0.330152	NA
IGBP1-AS2	0.834389	1.638864	2.19944	0.745128	0.456195	NA
HNRNPA1P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.594599	-0.12152	2.771051	-0.04385	0.965021	NA
MIR1302-8	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.090541	-1.58559	1.951054	-0.81268	0.4164	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RNU6ATAC	1.205538	0.514777	2.000276	0.257353	0.796906	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNORA11	2.800026	0.956112	1.233781	0.774944	0.438372	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNORD93	1.843415	2.949948	1.749784	1.685893	0.091816	NA
FANCG	648.576	-0.37172	0.187251	-1.98514	0.047128	0.133662
AP4M1	309.5536	-0.01129	0.173666	-0.06501	0.948162	0.971147
	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA
PLXNA4	4.785121	1.046441	0.967633	1.081444	0.2795	NA
CEBPD	111.9729	-0.50455	0.324723	-1.55379	0.120235	0.25246
TMEM257	2.557221	-0.01842	1.231546	-0.01496	0.988065	NA
FAM200A	175.0403	0.711445	0.218325	3.258651	0.001119	0.01112
PPP2R2A	1876.22	0.465106	0.134615	3.455073	5.50E-04	0.007174
FAM45B	1.169033	-0.01411	1.776406	-0.00794	0.993662	NA
OR2A25	0.163957	0.424913	4.079006	0.104171	0.917034	NA
OR2A14	0.096202	0.408546	4.079639	0.100143	0.920231	NA
XKR9	1.081056	-0.6332	2.300921	-0.2752	0.783166	NA
OR2A1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ZNF630	22.84857	0.149297	0.486057	0.307159	0.758722	NA
C7orf71	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
FAM185A	69.21596	0.16966	0.301552	0.562622	0.573692	0.709406
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
RNU6-892P	1.007445	3.175243	2.206758	1.438872	0.150187	NA
RN7SKP225	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RNU2-5P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-285P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RNU6-628P	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
RN7SKP97	0.996766	1.94108	2.070839	0.93734	0.348584	NA
RN7SKP268	0.163957	0.424913	4.079006	0.104171	0.917034	NA

RNU6-722F	2.325475	-1.65907	1.450969	-1.14342	0.252863	NA
LINC00473	1588.331	0.045383	0.170596	0.266027	0.790219	0.872781
RPL6P21	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
FAM115B	8.68415	0.469617	0.786857	0.596827	0.550623	NA
CALM1P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	3.011363	0.471331	1.165742	0.404318	0.685979	NA
VN1R42P	0.845418	1.095819	2.535106	0.432258	0.665554	NA
	86.62159	0.154083	0.247921	0.621498	0.534272	0.677992
	2.244875	-0.67674	1.551656	-0.43614	0.662733	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
RPL23AP53	16.8965	0.612143	0.534284	1.145726	0.251909	NA
LINC00630	32.59766	0.230702	0.388133	0.59439	0.552251	NA
TMSB4XP4	1.439667	1.722755	1.816404	0.948443	0.342904	NA
	0.918331	0.764804	2.118268	0.361052	0.718061	NA
TNRC18P2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
SUPT20HL2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
IFNWP18	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
NSUN5P1	112.142	0.466466	0.227045	2.054509	0.039926	0.120287
	1.21484	0.621271	1.748506	0.355315	0.722353	NA
	0.698908	-1.96881	2.984525	-0.65967	0.509463	NA
	0.71919	0.510978	2.728734	0.187258	0.851458	NA
MIR503HG	19.98786	0.236494	0.459118	0.515106	0.606479	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.422737	0.518872	3.501356	0.148192	0.882191	NA
	0.384806	1.846216	3.999752	0.461582	0.644381	NA
	1.809439	0.428428	1.452082	0.295044	0.76796	NA
	0.736607	1.395844	2.318642	0.602009	0.547168	NA
	13.94726	0.342654	0.577146	0.593704	0.55271	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.72077	0.527966	3.060238	0.172524	0.863025	NA
MIR181A2H	36.82095	0.791569	0.395477	2.001556	0.045333	NA
	9.129422	0.435586	0.673167	0.647069	0.517587	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
HSPA8P16	0.411855	0.250456	3.097618	0.080854	0.935558	NA
SRIP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.604258	1.087325	2.707696	0.401568	0.688002	NA
TTTY22	0.622842	1.158846	2.735323	0.42366	0.671814	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CENPVP3	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	2.574492	0.801658	1.270753	0.630853	0.528137	NA
AMMECR1-	0.096202	0.408546	4.079639	0.100143	0.920231	NA

SNX18P9	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PHEX-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.626492	1.152152	1.746252	0.659786	0.509391	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
SLC25A5-A	35.91674	-0.15104	0.381243	-0.39617	0.691983	NA
	1.598655	-0.27264	1.729733	-0.15762	0.874758	NA
	1.118436	1.112087	2.263211	0.491376	0.623161	NA
THAP5P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.143158	2.223222	2.00111	1.110994	0.266571	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MTND2P5	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL7P57	0.832809	1.636407	2.200093	0.74379	0.457004	NA
RPL19P12	3.350758	0.427096	1.068362	0.399768	0.689328	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TMLHE-AS1	2.639676	-0.08936	1.24036	-0.07204	0.94257	NA
EIF4BP3	23.88482	0.186874	0.480068	0.389266	0.69708	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
RPL29P19	0.924655	-0.07191	2.416297	-0.02976	0.976257	NA
	1.045726	0.338916	1.94625	0.174138	0.861757	NA
RPL36AP29	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PRNCR1	0.689366	-1.56115	2.700123	-0.57818	0.563145	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.458885	0.577525	3.449278	0.167433	0.867029	NA
HSPA8P7	0.574231	0.93227	2.49998	0.372911	0.709215	NA
BRAFP1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
EIF4A2P4	1.03648	0.354657	2.004615	0.17692	0.859571	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.898195	-1.76199	2.351517	-0.7493	0.453676	NA
BTF3P4	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.926438	-0.78569	2.072011	-0.37919	0.704544	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	16.803	0.179761	0.577673	0.311181	0.755663	NA
C9orf53	0.518736	2.237423	2.7713	0.807355	0.419462	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
POT1-AS1	11.15936	-0.33971	0.638147	-0.53233	0.594497	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PRRT4	18.18703	-0.65354	0.483809	-1.35082	0.176754	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
SRIP3	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
SUMO2P3	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
INE1	6.077036	0.268476	0.864369	0.310603	0.756102	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.851215	-0.75396	1.280897	-0.58862	0.556115	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
EIF4BP7	2.908262	-0.16928	1.202542	-0.14077	0.888055	NA

	7.000011	0.194282	0.742087	0.261805	0.793472	NA
EIF1AX-AS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.752028	2.752519	2.876634	0.956854	0.338641	NA
RANP4	0.754374	0.344906	2.513743	0.137208	0.890866	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LINC00092	18.54192	-0.60246	0.507478	-1.18718	0.235159	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
DDX26B-AS	0.327913	1.543154	4.021063	0.383768	0.701151	NA
ST13P6	4.740465	0.084059	0.934694	0.089932	0.928341	NA
ZNRF2P2	44.97849	-0.20123	0.327141	-0.61512	0.538478	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
SNX18P3	2.746406	-0.00586	1.451304	-0.00404	0.996779	NA
SLC25A5P8	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIPEPP1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
PPP1R26-A	2.252458	1.370809	1.45018	0.945268	0.344522	NA
CICP8	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
	3.664812	-0.82459	1.264758	-0.65197	0.514418	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.366334	0.789187	1.898748	0.415636	0.677677	NA
	1.714964	-0.37457	1.501527	-0.24946	0.803003	NA
	1.462738	0.413906	1.637425	0.252778	0.800439	NA
	1.202726	-1.13177	2.006914	-0.56393	0.572799	NA
	0.49187	2.136088	3.895953	0.548284	0.583497	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
JPX	131.8581	0.507863	0.276769	1.834968	0.06651	0.168462
	4.492693	1.056544	1.034645	1.021166	0.307176	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	7.868368	0.489824	0.708176	0.69167	0.489145	NA
LINC00475	6.972103	0.554463	0.788875	0.702852	0.482148	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
	1.04716	1.17329	2.006462	0.584756	0.558712	NA
	0.911832	-0.02323	2.42372	-0.00958	0.992354	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL35P5	4.613169	0.461418	1.069121	0.431586	0.666042	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
SBDSP1	518.3406	0.653398	0.188667	3.463233	5.34E-04	0.00703
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA

NPM1P18	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
DBH-AS1	1.072557	-2.6908	2.651653	-1.01476	0.310218	NA
	1.10954	-0.31713	1.971981	-0.16082	0.872235	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RBMY2KP	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1622.28	1.239218	0.334169	3.708363	2.09E-04	0.003995
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
MTND2P9	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPS27P16	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL7P59	0.260158	1.240347	4.047124	0.306476	0.759242	NA
PCA3	1.159491	0.557655	1.885778	0.295716	0.767447	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ODF2-AS1	1.102452	1.146114	2.069369	0.553847	0.579683	NA
ELFN1	712.1704	0.310688	0.294972	1.053281	0.292212	0.458987
LINC00035	59.26581	0.164333	0.327733	0.501424	0.616073	0.742059
	1.550418	1.233972	1.753317	0.703793	0.481562	NA
	2.453115	0.249584	1.300814	0.191867	0.847846	NA
	1.241889	-0.06002	1.948349	-0.03081	0.975424	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
PAICSP1	1.781341	-0.69181	1.425442	-0.48533	0.627443	NA
HMGB3P2(	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.561971	-0.49218	2.810061	-0.17515	0.860962	NA
SEPT7P3	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	1.465485	-0.31895	1.726907	-0.18469	0.85347	NA
CICP22	0.881915	-2.2305	2.871853	-0.77668	0.437349	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	24.25262	-0.02206	0.434253	-0.05079	0.959493	NA
PTP4A1P3	0.163957	0.424913	4.079006	0.104171	0.917034	NA
PSPHP1	92.92984	0.25867	0.252146	1.025875	0.304951	0.472185
	0.749217	0.7397	2.633289	0.280903	0.778784	NA
	0.851742	-0.48655	2.547586	-0.19099	0.848537	NA
	1.747576	-1.55187	1.668065	-0.93034	0.352194	NA
	1.202377	0.510208	2.000895	0.25499	0.798731	NA
	14.59691	-0.04901	0.588001	-0.08336	0.933568	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ST7-AS2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR29B1	65.53028	1.039503	0.400207	2.597415	0.009393	0.045248
MIR29A	65.53028	1.039503	0.400207	2.597415	0.009393	0.045248
IFNA20P	4.627232	0.547759	0.934187	0.586348	0.557642	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
SLC25A5P5	0.641986	1.117767	2.709494	0.412537	0.679946	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA

	24.28568	-0.19041	0.435858	-0.43687	0.662207	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.294855	1.463581	1.753443	0.83469	0.403892	NA
	53.50595	-0.00886	0.308526	-0.02872	0.977087	0.987584
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
CYP4F26P	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
SPANXA2-C	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
PAPPA-AS2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.527719	-0.62615	1.783612	-0.35106	0.725546	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	1.370827	-0.71211	1.970974	-0.3613	0.717877	NA
	4.06108	-0.68272	1.001859	-0.68145	0.495587	NA
	3.266231	-0.57315	1.116294	-0.51344	0.607641	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
PSMD5-AS1	395.245	0.423485	0.19211	2.204387	0.027497	0.093699
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
TBCAP1	2.420459	-1.39049	1.511433	-0.91998	0.357584	NA
TLK1P1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PGAM4	2.034615	0.269551	1.473422	0.182942	0.854843	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	3.117612	-0.10176	1.166924	-0.08721	0.930508	NA
	32.06809	-0.04082	0.37843	-0.10787	0.914102	NA
	1.968597	0.486705	1.677224	0.290185	0.771675	NA
SHROOM2I	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
LHFPL3-AS1	1787.656	0.244773	0.209738	1.167042	0.243193	0.406164
	0.586491	2.39072	2.689057	0.889055	0.373973	NA
H3F3AP5	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	8167.062	0.410384	0.247622	1.657298	0.097459	0.219362
	1.235565	0.616768	2.143708	0.287711	0.773568	NA
	0.555087	0.973802	2.808575	0.346725	0.728798	NA
MAGI2-AS2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	9.149826	0.354133	0.667044	0.530899	0.595489	NA
	9.140881	0.413823	0.70106	0.590282	0.555001	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
	1.445321	-0.30112	1.586081	-0.18985	0.849425	NA
LINC00629	1.743613	-0.66006	1.560343	-0.42302	0.67228	NA
	0.596179	-0.09275	3.146759	-0.02948	0.976485	NA
SDHDP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	1.085266	2.142965	2.332199	0.91886	0.358169	NA
	0.897992	-1.0518	2.16635	-0.48552	0.627309	NA
HDGFP1	1.178424	-1.58299	2.140626	-0.7395	0.459604	NA
EPPK1	0.653015	0.2552	2.787103	0.091565	0.927044	NA
ST7-AS1	33.30131	-0.60788	0.405769	-1.49808	0.134111	NA
	0.987309	0.267164	2.098144	0.127333	0.898677	NA

SUB1P1	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	3.913603	0.617978	1.115606	0.553939	0.57962	NA
	7.900161	0.246268	0.719895	0.342089	0.732284	NA
	1.336656	-0.80389	1.980439	-0.40591	0.684807	NA
HAUS6P1	1.792021	-0.1506	1.434632	-0.10497	0.916398	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
FCF1P1	0.830383	-3.4083	2.430438	-1.40234	0.160814	NA
	0.918331	0.764804	2.118268	0.361052	0.718061	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
AKR1B15	0.985875	-1.0033	2.40761	-0.41672	0.676883	NA
TSSK5P1	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	9.606747	0.571481	1.065827	0.536186	0.59183	NA
	28.16316	0.113923	0.403181	0.28256	0.777514	NA
	1.139152	-1.36402	1.928942	-0.70714	0.479482	NA
SOCS5P4	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
PGM5P2	0.884581	1.788183	2.221027	0.805115	0.420753	NA
	0.880631	-1.73238	2.414456	-0.7175	0.473064	NA
	1.319092	-0.78009	1.811759	-0.43057	0.666782	NA
	0.947944	-0.02704	2.20277	-0.01228	0.990206	NA
CYCSP24	4.514218	1.401912	1.043402	1.343597	0.179079	NA
	3.353939	0.523272	1.114215	0.469633	0.638617	NA
MRPS17P9	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
DPY19L2P3	84.92435	-0.28876	0.256505	-1.12575	0.260271	0.424534
FAM66A	2.036758	-0.22167	1.464317	-0.15138	0.879675	NA
KRT8P44	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.86916	0.686589	2.213986	0.310114	0.756474	NA
	3.073275	0.02979	1.221139	0.024395	0.980537	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
FRMD8P1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TRIM60P18	2.823731	0.98814	1.278061	0.773156	0.43943	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.462046	0.589069	3.442439	0.17112	0.86413	NA
CYP1D1P	0.785714	-3.2458	3.343263	-0.97085	0.331623	NA
VN1R51P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.7777	0.426209	2.574008	0.165582	0.868486	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA

	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
TLE1P1	12.71137	-0.27412	0.579794	-0.47278	0.636369	NA
	1.290703	-0.48664	1.714071	-0.28391	0.776479	NA
NACAP1	13.85809	0.504113	0.560346	0.899647	0.368308	NA
GAPDHP1	73.24968	-0.15788	0.310948	-0.50774	0.611639	0.738389
	0.642189	0.046766	2.378271	0.019664	0.984311	NA
ORM2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.85963	0.528221	1.500116	0.35212	0.724748	NA
	3.405767	-0.83379	1.345831	-0.61954	0.535561	NA
	90.00887	-0.02406	0.297093	-0.081	0.935441	0.963898
	2.763101	0.296533	1.27094	0.233318	0.815515	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.979202	1.972754	2.08204	0.94751	0.343379	NA
	0.488709	2.119056	3.307564	0.64067	0.521737	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.517155	2.232561	3.179631	0.702145	0.482589	NA
LINC01004	4.338534	0.29845	1.038197	0.28747	0.773753	NA
	26.73967	-0.1782	0.45509	-0.39156	0.695381	NA
CCT6P1	24.39363	1.007881	0.471456	2.137804	0.032533	NA
CDY4P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.074412	-0.25414	1.986075	-0.12796	0.898179	NA
SDAD1P1	19.84906	0.578333	0.576975	1.002353	0.316173	NA
CXorf28	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
TUBB4AP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RAB11FIP1	17.28015	0.649882	0.511051	1.271657	0.203495	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	14.19837	0.10584	0.561696	0.188429	0.85054	NA
	2.346167	3.363693	1.662039	2.023836	0.042987	NA
	0.488709	2.119056	3.307564	0.64067	0.521737	NA
CCDC183-A	10.34289	-0.43512	0.75485	-0.57643	0.564323	NA
	2.898546	-0.65887	1.146283	-0.57479	0.565435	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.536503	0.87599	3.23231	0.27101	0.786383	NA
HK2P1	8.859976	-0.82336	0.690191	-1.19295	0.232888	NA
ZNF883	15.89895	0.915564	0.523494	1.74895	0.0803	NA
	88.45364	0.480323	0.292262	1.643469	0.100286	0.223392
HNRNPCP7	2.16679	2.373894	1.50404	1.578345	0.114486	NA
	0.871935	2.99121	2.649305	1.129055	0.258875	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

WEE2-AS1	4.165186	0.50166	0.994086	0.504644	0.613809	NA	
NLGN4Y-AS	0.966942	0.917791	1.915974	0.47902	0.631924	NA	
	28.62882	-0.11633	0.400813	-0.29023	0.771642	NA	
ATP5G2P4	1.182873	0.724533	2.160891	0.335294	0.737403	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	8.073391	-0.48023	0.768779	-0.62467	0.532186	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
RASA4CP	16.59955	-0.03709	0.508884	-0.07288	0.9419	NA	
	1.462535	0.94103	1.806888	0.520801	0.602505	NA	
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA	
OR2A9P	3.163862	-0.27412	1.106794	-0.24767	0.80439	NA	
	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA	
	6.807783	-0.42579	0.768516	-0.55405	0.579547	NA	
	71.56834	-0.26817	0.277358	-0.96688	0.333602	0.50214	
PSMA6P2	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA	
HSPA8P8	1.625261	-0.02536	1.631497	-0.01554	0.987599	NA	
	3.753788	0.787275	1.097426	0.717384	0.473137	NA	
EIF4A1P10	7.003318	0.039541	0.7505	0.052687	0.957982	NA	
CCDC26	4.50375	0.240514	0.943298	0.254971	0.798746	NA	
	0.506476	0.726418	2.864186	0.253621	0.799788	NA	
EPHA1-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
TCP1P1	0.558248	0.982076	2.804738	0.350149	0.726227	NA	
NAP1L1P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RPL19P20	0.422534	1.924583	3.001758	0.641152	0.521424	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	28.37711	-0.48852	0.439744	-1.11092	0.266601	NA	
SERPINH1P	1.713383	-0.37731	1.475815	-0.25566	0.798213	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
LINC00242	1.28151	-2.12613	2.235536	-0.95106	0.341574	NA	
	0.722204	1.447218	2.611582	0.554154	0.579474	NA	
TTTY10	0.787002	0.596645	2.218025	0.268998	0.787931	NA	
HMGN1P37	1.007445	3.175243	2.206758	1.438872	0.150187	NA	
PPP1R12BP	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
HNRNPA1P	0.613743	-0.17004	2.749758	-0.06184	0.950691	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
PES1P2	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA	
	39.0412	-0.14784	0.33843	-0.43683	0.662235	NA	
	0.488709	2.119056	3.307564	0.64067	0.521737	NA	
TUBB8P1	1.146882	1.181239	1.979819	0.59664	0.550748	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA	
GK-IT1	0.35636	1.709252	3.651833	0.468053	0.639746	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
DPY19L1P1	41.18142	0.208052	0.356108	0.58424	0.559059	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	

HMGB1P1(	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	3.299161	-0.78349	1.163926	-0.67315	0.500853	NA
RALGAPA1I	2.486959	0.062924	1.292567	0.048681	0.961173	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
PIP5K1P2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	7.541203	2.707493	0.926937	2.920904	0.00349	NA
ALG13-AS1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.571659	-3.00664	3.038724	-0.98944	0.322447	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.6882	0.151421	2.969628	0.05099	0.959334	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.913027	1.87659	2.13519	0.878887	0.379463	NA
	1.744641	0.799053	1.527853	0.522991	0.600981	NA
	0.624422	1.162588	2.733761	0.425271	0.670639	NA
ISPD-AS1	0.78443	-2.34592	2.507874	-0.93542	0.34957	NA
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	63.34428	0.364345	0.293954	1.239462	0.215174	0.374251
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL35AP21	0.420954	1.923376	3.462803	0.555439	0.578594	NA
	0.476449	0.524262	3.402674	0.154073	0.877552	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
KHSRPP1	0.908875	-0.75101	2.116968	-0.35476	0.722771	NA
	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
SEPT7P7	2.479026	-0.75316	1.234838	-0.60993	0.541908	NA
KIF25-AS1	0.612365	-1.10341	2.696105	-0.40926	0.682349	NA
	18.8578	-0.10888	0.515029	-0.21141	0.832566	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.47803	0.520083	2.97881	0.174594	0.861399	NA
AK3P3	4.4957	0.686172	0.933675	0.734915	0.462391	NA
	0.653015	0.2552	2.787103	0.091565	0.927044	NA
	22.75637	-0.21708	0.448113	-0.48443	0.628083	NA
	4.856307	-0.49532	0.89112	-0.55584	0.578319	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.690946	-1.56103	2.699004	-0.57837	0.563013	NA
SEPHS1P4	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
HNRNPA1P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
C9orf147	2.250126	-0.2245	1.366657	-0.16427	0.869516	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.40988	1.102715	1.472314	0.748967	0.453877	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RPL4P5	7.86189	-0.33074	0.777887	-0.42517	0.670712	NA	
HSPB1P2	3.282082	0.496936	1.250864	0.397274	0.691165	NA	
MTND5P14	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
MIRLET7DH	9.621168	1.988758	0.785867	2.530656	0.011385	NA	
	0.402398	-2.58771	4.018369	-0.64397	0.519595	NA	
	1.587715	-0.76707	1.873519	-0.40943	0.682226	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.526843	-0.38719	2.855892	-0.13558	0.892156	NA	
	1.467029	-0.42631	1.931736	-0.22069	0.825335	NA	
FEZF1-AS1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.460466	0.568655	3.014642	0.188631	0.850382	NA	
NCAPD2P1	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA	
	2.794082	-0.70759	1.295733	-0.54609	0.585002	NA	
TPI1P2	10.23325	0.073946	0.65923	0.11217	0.910688	NA	
DDX10P2	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	2.128013	0.763944	1.355313	0.563666	0.572981	NA	
TFAMP1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
ANKRD18B	11.9382	0.481855	0.681017	0.707553	0.479223	NA	
PSMG3-AS1	394.427	-0.34012	0.164382	-2.06908	0.038538	0.117236	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
RPL19P21	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	1.642116	1.248619	1.784943	0.699529	0.484222	NA	
	1.534435	1.29036	1.713176	0.753198	0.451331	NA	
GTF2IRD1P	4.233107	-0.97103	0.993322	-0.97755	0.328295	NA	
FTX	18.01475	0.652848	0.517689	1.261081	0.20728	NA	
RPSAP8	0.768215	1.51173	2.494681	0.605981	0.544527	NA	
	0.392711	0.292538	3.145221	0.09301	0.925895	NA	
	9.114956	-0.18327	0.672182	-0.27265	0.785121	NA	
RPS23P8	119.0942	0.300546	0.254743	1.179802	0.238079	0.401059	
KLHL7-AS1	10.34324	-0.06077	0.613747	-0.09901	0.921127	NA	
PRKRIRP1	0.708364	0.219301	2.144998	0.102238	0.918568	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
PABPC1P3	0.965158	1.861755	2.440023	0.763007	0.445459	NA	
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	5.941926	-0.94213	0.851251	-1.10676	0.268396	NA	
	23.92516	0.141191	0.528709	0.267049	0.789432	NA	
	368.3144	-0.75286	0.17237	-4.3677	1.26E-05	7.08E-04	
RPL10P3	1.211263	0.702208	2.02268	0.347167	0.728466	NA	
	0.748867	2.740193	2.468928	1.109871	0.267054	NA	
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA	
YY2	29.5446	0.572562	0.456615	1.253927	0.209869	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
CBX1P1	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	

	0.954682	0.055803	2.069758	0.026961	0.978491	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
ZNF674-AS	46.00872	0.009657	0.317539	0.030412	0.975738	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
	0.763859	-0.6945	2.307767	-0.30094	0.76346	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.640755	-1.64826	2.754778	-0.59833	0.549621	NA
	0.696104	-0.93034	2.354268	-0.39517	0.692715	NA
RPL7P32	1.827149	-0.19241	1.433576	-0.13422	0.893232	NA
CDC20P1	2.617029	-1.97566	1.296179	-1.52422	0.127454	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
NPM1P9	3.149744	0.9315	1.233268	0.75531	0.450063	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
MORF4L2-A	0.738188	1.39874	2.317793	0.603479	0.54619	NA
TRBV26OR9	0.899333	-0.26387	2.222941	-0.1187	0.905512	NA
YBX1P2	8.384506	0.294773	0.770412	0.382618	0.702003	NA
	2.265949	3.273852	1.662479	1.96926	0.048923	NA
HNRNPA1P	1.083657	-0.53499	1.932845	-0.27679	0.781943	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
SKP1P1	3.05677	-1.41508	1.254334	-1.12815	0.259256	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.49029	2.123092	3.304282	0.642527	0.520531	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ACTG1P10	3.203213	1.626988	1.197725	1.358399	0.174337	NA
VDAC1P6	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
LINC00032	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPL7L1P2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
FAM58CP	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	1.023632	2.010953	2.294312	0.876495	0.380761	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
HINT1P1	1.185162	-1.08022	1.836234	-0.58828	0.556345	NA
LINC00278	3.004892	1.163576	1.242345	0.936596	0.348966	NA
USMG5P1	1.476376	1.646496	1.822583	0.903386	0.366321	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	1.178424	-1.58299	2.140626	-0.7395	0.459604	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
LINC00574	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NANOGP5	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.517155	2.232561	3.179631	0.702145	0.482589	NA
LINC-PINT	154.2776	0.916315	0.309875	2.957044	0.003106	0.021663

	7.256456	-0.55103	0.743318	-0.74131	0.458505	NA
ARHGEF9-I	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
DLX6-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	1.406049	-0.26601	1.627656	-0.16343	0.870178	NA
	1.751168	-0.10773	1.535374	-0.07016	0.944064	NA
PCAT7	2.682015	-0.33005	1.319979	-0.25005	0.802552	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MTHFD1P1	3.033121	-1.22881	1.154648	-1.06423	0.287226	NA
	0.582339	-1.69412	2.750801	-0.61586	0.537985	NA
MORF4L1P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
HNRNPA1P	0.260158	1.240347	4.047124	0.306476	0.759242	NA
DPY19L1P2	1.703752	0.798229	1.53059	0.521517	0.602007	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.22868	1.387311	1.789047	0.775447	0.438075	NA
ANXA2P2	121.7565	-0.06141	0.26743	-0.22962	0.818388	0.891236
	0.506476	0.726418	2.864186	0.253621	0.799788	NA
FAM27D1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	8.08142	0.71832	0.889871	0.807218	0.419541	NA
LSM12P1	1.751721	-1.66434	1.711307	-0.97256	0.330773	NA
	1.161072	0.527093	2.031776	0.259425	0.795308	NA
NPM1P34	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.776119	0.401378	2.295521	0.174853	0.861196	NA
	2.535716	-0.30891	1.198026	-0.25785	0.796522	NA
RPS6KA2-I1	4.994838	0.945059	1.101097	0.858289	0.390733	NA
	1.0349	0.343148	1.852366	0.185249	0.853034	NA
MCTS1	725.4422	0.155287	0.157823	0.983931	0.32515	0.493048
RAP2C-AS1	46.3522	-0.15058	0.331989	-0.45356	0.650145	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	2.327972	1.366387	1.379451	0.990529	0.321915	NA
MTND4P24	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.1402	1.35289	2.18259	0.619855	0.535353	NA
TOMM22P	0.327913	1.543154	4.021063	0.383768	0.701151	NA
SLC25A6P2	0.574231	0.93227	2.49998	0.372911	0.709215	NA
PHBP15	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.786799	1.578877	2.532268	0.623503	0.532954	NA
ACTR3P2	0.394291	0.298745	3.141711	0.09509	0.924243	NA
MTND1P32	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.804769	-0.21293	2.457871	-0.08663	0.930964	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC00279	2.984279	-0.19974	1.249842	-0.15981	0.873029	NA

FTLP2	2.262349	0.147942	1.309881	0.112943	0.910076	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.70851	-1.62753	2.686091	-0.60591	0.544574	NA
RPS3AP25	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
SKA2P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
TTTY19	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
C9orf172	25.18449	-0.12172	0.487388	-0.24974	0.80279	NA
	53.36584	0.285736	0.352952	0.80956	0.418193	0.581245
EEF1B2P3	29.76573	0.3295	0.387961	0.849313	0.395707	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL3P12	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	21.15383	0.316378	0.482281	0.656004	0.511822	NA
	2.421508	0.172314	1.33497	0.129077	0.897297	NA
	0.702989	-2.12537	2.983149	-0.71246	0.476181	NA
	172.8359	0.069793	0.216849	0.32185	0.747567	0.841287
GTF2IP1	0.601483	-1.7332	2.729494	-0.63499	0.525436	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
LINC01155	5.306664	-0.23683	0.885257	-0.26753	0.789062	NA
	2.617011	0.027855	1.343955	0.020726	0.983464	NA
	4.75071	1.198305	0.980837	1.221717	0.221815	NA
RPL31P35	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PRPS1P2	8.420818	0.533631	0.74607	0.715256	0.474451	NA
	8.123472	-0.27243	0.702742	-0.38766	0.698264	NA
PHBP10	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	6.920407	0.384583	0.82259	0.467527	0.640123	NA
YWHAEP1	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.209333	2.30346	2.022464	1.138938	0.254729	NA
	1.273139	-0.4528	1.762969	-0.25684	0.797302	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
HNRNPDP1	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
SDCBPP3	2.325692	-0.88281	1.45179	-0.60809	0.54313	NA
LINC00537	5.179284	0.367142	0.930139	0.394717	0.693052	NA
RPS2P32	46.62607	-0.19962	0.329637	-0.60559	0.544787	NA
FAM27E3	2.68763	0.173123	1.336216	0.129562	0.896913	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	2.190036	-0.42804	1.29841	-0.32966	0.741654	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
DDX3YP1	0.816972	0.936457	2.589651	0.361615	0.71764	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
IPO7P1	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
SNHG15	684.1616	0.053558	0.165239	0.324127	0.745842	0.839962
SNHG7	688.0776	0.107262	0.16853	0.636459	0.524478	0.670401
CRYZP1	2.381287	1.575004	1.420285	1.108935	0.267458	NA

CASK-AS1	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ZFY-AS1	1.790798	0.241408	1.584876	0.15232	0.878935	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00892	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
RAB1C	5.073093	-1.27464	0.929345	-1.37155	0.170204	NA
	586.7355	0.62785	0.201261	3.119587	0.001811	0.015146
	14.47898	0.638199	0.574469	1.110937	0.266596	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
RNF224	2.675427	-0.02564	1.245063	-0.02059	0.98357	NA
	8.410626	-0.08045	0.72934	-0.1103	0.912172	NA
HNRNPA1P	1.036424	0.067268	2.421139	0.027784	0.977835	NA
	0.654246	2.541085	3.009764	0.84428	0.398513	NA
	2.765045	0.588123	1.284676	0.457798	0.647097	NA
PNPT1P2	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RPS26P2	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	1.927145	1.097205	1.542711	0.711219	0.476948	NA
RASA4DP	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	40.38454	0.119566	0.359107	0.332954	0.739169	NA
NKAPP1	13.02204	0.085085	0.581418	0.14634	0.883653	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HOTAIRM1	29.05322	0.548426	0.417014	1.315127	0.188467	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
EEF1A1P6	26.5886	-0.30731	0.42034	-0.7311	0.464716	NA
	34.08394	-0.83899	0.526283	-1.59417	0.110897	NA
CHTF8P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	25.67845	0.370205	0.412458	0.897558	0.369421	NA
	7.037985	0.877867	0.766688	1.145012	0.252204	NA
	2.01505	-0.19267	1.448509	-0.13301	0.894184	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.462046	0.589069	3.442439	0.17112	0.86413	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
TTTY18	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
SLC26A4-A	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.031536	1.037604	2.133871	0.486254	0.626787	NA
	3.814065	-0.80794	1.157875	-0.69778	0.485314	NA
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA

	7.860041	0.125654	0.825561	0.152204	0.879026	NA
	8.015484	-0.34199	0.744764	-0.4592	0.646093	NA
EIF4HP1	5.264077	-0.45647	0.985595	-0.46314	0.643261	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	2.297302	-0.69437	1.310331	-0.52992	0.596166	NA
POU6F2-AS	3.988874	1.111876	1.075088	1.034218	0.301034	NA
TTTY15	100.0109	0.406278	0.350833	1.15804	0.246848	0.410366
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
GAPDHP68	0.46735	-1.30193	3.399671	-0.38296	0.701751	NA
	0.58333	2.389479	3.105916	0.769331	0.441697	NA
EZR-AS1	1.073969	1.636961	2.132951	0.767463	0.442806	NA
	1.959701	-0.41599	1.385214	-0.30031	0.763944	NA
RPS15AP4(	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	1.669156	-0.9199	1.657633	-0.55495	0.578931	NA
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	11.10282	0.469748	0.609132	0.771176	0.440602	NA
RPSAP14	1.33844	-1.35576	1.767672	-0.76698	0.443096	NA
	3.001778	-1.40489	1.264377	-1.11113	0.266513	NA
	6.126679	-0.36439	0.840466	-0.43355	0.664613	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	11.77442	-0.30023	0.622745	-0.48211	0.629727	NA
	2.100719	-1.09489	1.364587	-0.80236	0.422343	NA
	0.757178	-0.36061	2.51554	-0.14335	0.886013	NA
	24.9096	0.013596	0.443972	0.030623	0.97557	NA
PABPC5-AS	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
HSPA8P1	12.32245	0.630182	0.634172	0.993708	0.320365	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
	7.999487	1.401825	0.828098	1.692825	0.090489	NA
ZFX-AS1	1.266758	-0.10165	1.859165	-0.05468	0.956395	NA
	0.613743	-0.17004	2.749758	-0.06184	0.950691	NA
	0.628146	-0.21495	3.102079	-0.06929	0.944756	NA
CDK2AP2P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	270.2359	0.861161	0.193148	4.45855	8.25E-06	5.54E-04
JAZF1-AS1	4.514836	0.116672	0.927886	0.12574	0.899938	NA
	2.784685	3.595966	1.58167	2.273525	0.022995	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
SNX18P7	1.974184	3.044169	1.775372	1.714666	0.086406	NA
USP27X-AS	14.16399	-0.0821	0.602773	-0.1362	0.891664	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
	1.272119	-0.46537	1.856946	-0.25061	0.802115	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA

	4.720594	-0.41233	0.895951	-0.46021	0.645365	NA
ZNF736	38.60886	0.608461	0.386819	1.572985	0.115722	NA
	40.50167	0.050772	0.377024	0.134665	0.892877	NA
	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
MAGI2-AS3	806.8085	0.679272	0.168474	4.031911	5.53E-05	0.001749
	0.462046	0.589069	3.442439	0.17112	0.86413	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.585114	1.12675	2.73598	0.411827	0.680466	NA
	1.052464	0.310783	1.847086	0.168256	0.866382	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	3.951066	-0.23854	1.001482	-0.23818	0.811739	NA
FAM133B	101.122	0.983534	0.395526	2.486651	0.012895	0.056183
API5P1	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
COX6B1P1	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
CCT6P3	12.36322	1.436223	0.675611	2.125813	0.033519	NA
JRK	1100.086	-0.63666	0.1732	-3.67586	2.37E-04	0.004317
RPSAP9	6.600773	0.413321	0.777871	0.531349	0.595177	NA
MED14-AS1	16.87979	0.58015	0.54841	1.057877	0.290111	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.078135	-1.10729	1.970896	-0.56182	0.57424	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
HMGA1P4	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
UPF3AP3	4.192797	0.055947	1.116726	0.050099	0.960043	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	5.531075	0.026924	0.929752	0.028959	0.976898	NA
	8.535569	0.22383	0.71284	0.313998	0.753523	NA
	40.36157	-0.11282	0.361727	-0.3119	0.755114	NA
TPT1P9	15.60001	0.794179	0.546187	1.454042	0.145935	NA
EEF1GP5	0.640609	0.042838	2.379511	0.018003	0.985637	NA
	2.940979	-0.70255	1.209911	-0.58066	0.56147	NA
PCMTD1P3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.754374	0.344906	2.513743	0.137208	0.890866	NA
XRCC6P2	4.606647	-0.82423	0.975921	-0.84457	0.398353	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.82213	0.50433	2.197682	0.229483	0.818494	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
EIF4A1P2	6.298966	-0.5764	0.816023	-0.70635	0.479972	NA
	0.588072	2.39955	3.098804	0.774347	0.438726	NA
	0.706784	0.225544	2.334352	0.096619	0.923029	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FNDC1-IT1	1.400156	2.55627	1.88787	1.35405	0.17572	NA
RPL7L1P3	0.462046	0.589069	3.442439	0.17112	0.86413	NA

LINC00094	611.0776	-0.21552	0.148064	-1.45558	0.145508	0.287692
	0.684273	2.627785	2.896325	0.907282	0.364257	NA
	1.861919	-0.61536	1.581414	-0.38912	0.697186	NA
FAM203A	47.38192	-0.37235	0.325987	-1.14223	0.253359	0.417475
RPL26P37	0.574434	-0.17781	2.756096	-0.06452	0.948559	NA
	2.529788	-0.00939	1.403175	-0.0067	0.994658	NA
TUBBP6	0.163957	0.424913	4.079006	0.104171	0.917034	NA
TMSB10P2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	2.721031	0.567482	1.175179	0.48289	0.629174	NA
TMEM185A	22.25215	-0.33764	0.431607	-0.78229	0.434042	NA
KDM5C-IT1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAM103A2	21.26373	0.157027	0.472713	0.332183	0.739751	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
LINC00957	87.15327	-0.63764	0.248088	-2.57023	0.010163	0.047698
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	2.449402	1.503751	1.490012	1.009221	0.312869	NA
	10.28122	0.085154	0.642814	0.132471	0.894612	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
DPY19L2P4	2.829667	1.857006	1.390922	1.33509	0.181847	NA
	53.16222	-0.1454	0.373868	-0.38891	0.697342	0.805043
	46.89179	1.174317	0.36267	3.237974	0.001204	NA
TOPORS-AS	46.26207	0.043563	0.339662	0.128255	0.897947	NA
	1.34683	0.987709	2.09212	0.472109	0.636849	NA
RPS26P31	0.967145	0.230519	2.075373	0.111074	0.911558	NA
	2.057097	0.680253	1.525887	0.445808	0.655736	NA
	288.4057	0.220325	0.280311	0.786003	0.431866	0.593115
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
GAPDHP65	5.143522	0.00576	0.95616	0.006024	0.995194	NA
RPL36AP33	0.096202	0.408546	4.079639	0.100143	0.920231	NA
KRT18P66	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RNF148	1.759394	-0.27571	1.458245	-0.18907	0.85004	NA
NUS1P1	5.527723	1.373485	1.022418	1.343369	0.179153	NA
LINC00484	0.586491	2.39072	2.689057	0.889055	0.373973	NA
	3.020913	1.099163	1.244456	0.883248	0.377102	NA
	0.420954	1.923376	3.462803	0.555439	0.578594	NA
LINC00894	1.790652	0.835355	1.504443	0.555259	0.578718	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MAGI2-IT1	0.72077	0.527966	3.060238	0.172524	0.863025	NA
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
HCFC1-AS1	1.282741	-0.13551	1.82613	-0.07421	0.940846	NA
	4.924109	1.037456	1.238594	0.837608	0.402251	NA
	2.087307	0.208675	1.354452	0.154066	0.877558	NA

CTBP2P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	29.18887	0.611175	0.540273	1.131233	0.257957	NA
GSN-AS1	114.3079	0.243565	0.27902	0.872933	0.382699	0.548751
PKMP2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.804712	-0.7622	2.348804	-0.3245	0.745556	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
ZNF815P	77.94937	-0.15686	0.259401	-0.6047	0.545377	0.686936
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
PNMA6C	10.56548	-0.18686	0.658612	-0.28372	0.776629	NA
	3.757337	1.523724	1.118873	1.361839	0.173249	NA
	0.709944	0.232855	2.332364	0.099837	0.920474	NA
	0.449786	-1.25325	3.00474	-0.41709	0.676613	NA
HSPB1P1	2.773941	1.406875	1.409514	0.998128	0.318217	NA
	1.045523	1.534279	2.413816	0.635624	0.525022	NA
OR13E1P	0.981934	-1.6022	2.093932	-0.76516	0.444173	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
CHCHD4P3	6.314623	0.472697	0.820917	0.575816	0.56474	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
TCEA1P4	2.937737	0.728452	1.212779	0.600647	0.548075	NA
RPL18AP15	0.606787	-3.06078	3.567758	-0.8579	0.390947	NA
RPS15AP25	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	13.70922	0.508265	0.568525	0.894007	0.371318	NA
	1.799954	0.920797	1.509688	0.609926	0.541911	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
DIAPH2-AS	0.260158	1.240347	4.047124	0.306476	0.759242	NA
CLEC2L	2.350051	-0.47986	1.320432	-0.36341	0.716295	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
VN1R31P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NPM1P8	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	5.796326	-0.35428	0.893968	-0.3963	0.691884	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
FMR1-IT1	1.079513	-0.47694	2.056893	-0.23187	0.816636	NA
	1.510358	-1.07898	1.603256	-0.67299	0.500953	NA
	8.251742	0.129386	0.726678	0.178052	0.858682	NA
	1.426619	-1.16726	1.79493	-0.65031	0.515491	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	26.68142	-0.28803	0.463866	-0.62094	0.534639	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	66.26061	-0.1079	0.312731	-0.34501	0.730086	0.828802
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
HNRNPA1P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA

ZNF853	189.3233	-0.34243	0.212461	-1.61173	0.107021	0.233524
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.332933	0.019174	1.852079	0.010353	0.99174	NA
	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
RPL31P63	1.864188	1.113015	1.68702	0.659752	0.509413	NA
	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA
YRDCP2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MKLN1-AS	82.93023	-0.04946	0.25579	-0.19336	0.846675	0.908806
TRMT112P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL24P8	0.834389	1.638864	2.19944	0.745128	0.456195	NA
BTF3P8	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	0.781626	-1.50265	2.506115	-0.59959	0.548777	NA
ANKRD20A	1.388282	0.29126	1.854762	0.157033	0.875219	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	8.003714	0.09384	0.75823	0.123762	0.901504	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.393832	3.667627	1.97519	1.856848	0.063333	NA
RPS20P24	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR600HG	13.61791	0.543931	0.608805	0.893441	0.371621	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
C8orf56	2.365029	0.495343	1.414365	0.350223	0.726172	NA
	0.776119	0.401378	2.295521	0.174853	0.861196	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
ZNRF2P1	84.83647	0.151602	0.331628	0.457145	0.647567	0.766201
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.58333	2.389479	3.105916	0.769331	0.441697	NA
EIF3IP1	0.900767	0.808531	1.963257	0.411831	0.680463	NA
	0.394291	0.298745	3.141711	0.09509	0.924243	NA
	1.572423	0.748853	1.766392	0.423945	0.671606	NA
FAM27E1	0.833012	0.681553	2.203157	0.309353	0.757053	NA
IMPDH1P4	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
BMS1P10	37.43125	0.736623	0.388337	1.896864	0.057846	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
FTH1P11	7.665121	-0.93734	0.762221	-1.22975	0.218793	NA
SRRM1P3	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	12.18293	-0.39359	0.582317	-0.67591	0.499098	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
XIAP-AS1	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA

	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.588072	2.39955	3.098804	0.774347	0.438726	NA
ASS1P12	1.870281	2.987889	1.726464	1.730641	0.083516	NA
	0.585114	1.12675	2.73598	0.411827	0.680466	NA
RPSAP15	0.818406	1.679649	2.471195	0.679691	0.4967	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
TTLL11-IT1	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RAC1P4	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	2.359782	1.022712	1.327152	0.770607	0.44094	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
S100A11P1	0.889885	0.644651	2.1706	0.296992	0.766472	NA
	0.870886	-0.53073	2.310896	-0.22966	0.818353	NA
ERICH1-AS1	0.452561	2.061505	3.349456	0.615474	0.538241	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
VDAC1P11	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
IFNWP2	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ATP5JP1	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
EEF1A1P28	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.736765	-0.06189	1.634137	-0.03787	0.96979	NA
	2.811894	0.001672	1.279261	0.001307	0.998957	NA
UQCRBP1	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
EEF1A1P30	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
	2.483024	-0.2666	1.268993	-0.21009	0.8336	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
RPL18AP16	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
	28.85631	0.349435	0.39046	0.894932	0.370823	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	0.476449	0.524262	3.402674	0.154073	0.877552	NA
RPS3AP29	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	1.24776	-1.38472	2.303574	-0.60112	0.547762	NA
	0.735027	1.3952	2.594798	0.537691	0.59079	NA
PA2G4P1	1.041581	0.164062	2.078273	0.078942	0.937079	NA
PHKA2-AS1	1.204161	-0.07212	1.765777	-0.04084	0.967423	NA
	13.36403	-0.04315	0.569234	-0.07581	0.939573	NA
	1.02422	-0.42649	1.996186	-0.21365	0.83082	NA
	9.277318	1.036764	0.810147	1.279724	0.200642	NA
	4.36747	0.386628	1.086787	0.355753	0.722025	NA
	0.95764	0.792425	2.400829	0.330063	0.741352	NA
	2.837326	-0.36989	1.195009	-0.30953	0.756919	NA

	0.883203	0.854847	2.135496	0.400304	0.688933	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.681461	0.491544	3.066278	0.160307	0.87264	NA
	0.399595	-1.31595	3.579466	-0.36764	0.713143	NA
TUBG1P	1.629405	-0.0684	1.843273	-0.03711	0.9704	NA
PTENP1	25.72352	0.057066	0.495654	0.115132	0.908341	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	5.459387	0.728424	0.90388	0.805885	0.420309	NA
	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	1.015699	0.142451	2.181052	0.065313	0.947925	NA
RPL9P7	1.148462	1.182044	1.944788	0.607801	0.54332	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	14.80412	0.225018	0.610944	0.368311	0.712641	NA
MID1IP1-A	20.27643	-0.18951	0.51783	-0.36598	0.714383	NA
RPS2P35	0.949524	-0.003	2.040023	-0.00147	0.998826	NA
	2.489762	-0.1774	1.284373	-0.13812	0.890145	NA
AHCYP2	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.9197	-1.22346	2.227737	-0.54919	0.582872	NA
MPC1L	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
MKRN4P	8.337677	-0.13329	0.699469	-0.19056	0.848867	NA
C9orf69	1827.629	-0.14379	0.155023	-0.92754	0.353647	0.521648
OR7E7P	1.885208	-0.67551	1.572884	-0.42947	0.66758	NA
	0.462046	0.589069	3.442439	0.17112	0.86413	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
IFNWP19	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
RNU7-171F	0.556667	0.972496	2.522454	0.385536	0.699841	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.56052	0.572883	1.609696	0.355896	0.721919	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	2.364682	0.994261	1.976082	0.503148	0.614861	NA
	0.758758	-0.35643	2.514365	-0.14176	0.887273	NA
RNA5SP24	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RNU6-121	0.910012	1.249754	2.467015	0.506585	0.612446	NA
SNORA84	0.652869	1.292592	2.374873	0.544278	0.58625	NA
RPL5P22	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RPS20P22	1.28379	2.393551	1.949457	1.227804	0.219521	NA
	0.555087	0.973802	2.808575	0.346725	0.728798	NA
	0.842643	-2.08432	2.306153	-0.90381	0.366097	NA

	0.668852	1.246964	2.610519	0.477669	0.632886	NA
	1.247614	-0.06697	1.833256	-0.03653	0.97086	NA
	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
	6.920996	0.782807	0.813912	0.961783	0.336159	NA
RN7SL535P	1.2271	1.384124	1.759418	0.786694	0.431461	NA
	0.757324	-2.08271	2.587512	-0.80491	0.420873	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	68.07618	-0.14123	0.30111	-0.46904	0.639039	0.759385
	4.079721	-0.52748	1.051777	-0.50151	0.616013	NA
KMT2E-AS1	60.40096	0.182561	0.327998	0.556592	0.577806	0.712417
RN7SL388P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	5.938079	-1.05701	1.018841	-1.03746	0.299522	NA
MTND1P3	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	18.30029	-0.06491	0.565446	-0.11479	0.908609	NA
IMP3P2	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MRPS17	91.90325	-0.27343	0.264059	-1.03551	0.300433	0.467283
	8.007241	0.036684	0.808728	0.045361	0.96382	NA
GET4	90.75258	-0.09198	0.270347	-0.34024	0.733678	0.831605
RN7SL75P	0.765054	1.506026	2.496832	0.603175	0.546392	NA
PRKAG2-AS	33.81938	0.506364	0.385189	1.314586	0.188649	NA
RPS10P16	1.427204	1.633674	1.942319	0.841095	0.400295	NA
SNRPGP3	0.641986	1.117767	2.709494	0.412537	0.679946	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RPS3AP32	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
ETF1P2	0.945583	-0.81197	2.098385	-0.38695	0.698792	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SMKR1	4.694573	0.363682	0.90671	0.401101	0.688346	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
COX19	219.8178	0.142535	0.177238	0.804199	0.421282	0.583992
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL100P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RN7SL481P	0.258578	1.233151	4.047809	0.304646	0.760635	NA
RPL5P23	3.365646	1.666963	1.161895	1.434694	0.151374	NA
	17.9016	-0.00874	0.511295	-0.01708	0.986369	NA
CDKN2B-AS	5.195009	-0.36597	0.944858	-0.38733	0.698515	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPL34P18	2.14898	-0.00904	1.618733	-0.00559	0.995542	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPL3P9	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
AQP1	3.115672	-0.00972	1.119512	-0.00868	0.993073	NA
SPATA31D5	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	3.093624	-2.10235	1.286337	-1.63437	0.102181	NA

PNMA2	534.1055	0.13643	0.177709	0.767717	0.442656	0.602766
LRRD1	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	4.240874	-0.26207	0.974287	-0.26899	0.78794	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	36.42058	0.193168	0.366237	0.527439	0.597889	NA
RN7SL521P	1.131101	0.561912	1.807251	0.310921	0.755861	NA
NDUFB2-AS	7.740072	0.039962	0.724643	0.055147	0.956022	NA
RN7SL798P	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA
	0.490493	0.776209	2.895261	0.268096	0.788625	NA
	0.83597	1.639551	2.453777	0.668175	0.504022	NA
HOXA11-AS	2.617771	2.690663	1.443247	1.864313	0.062278	NA
SEPT7P6	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
GVQW1	21.19746	-0.31842	0.544492	-0.5848	0.55868	NA
YAE1D1	395.5974	0.897309	0.24884	3.605975	3.11E-04	0.00505
CRCP	586.7375	0.027514	0.173655	0.158438	0.874111	0.925069
	3.034042	-1.33034	1.202033	-1.10674	0.268407	NA
RPL36A	45.0659	0.802776	0.321024	2.500672	0.012396	NA
	1.034697	1.024735	1.902596	0.538598	0.590164	NA
RN7SL505P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.398961	0.94508	1.898234	0.497873	0.618573	NA
ATP5J2	2273.132	0.317486	0.161498	1.965883	0.049312	0.137358
	2.288866	0.982847	1.389703	0.707236	0.47942	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RPS15AP24	4.205589	-0.44511	1.020526	-0.43616	0.66272	NA
PPP1R2P6	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ARPC1A	4480.768	-0.25199	0.126936	-1.98515	0.047128	0.133662
TMEFF1	4.181712	0.199132	1.249148	0.159414	0.873342	NA
FABP5P3	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	2.511865	0.109044	1.47757	0.073799	0.94117	NA
	5.222019	-1.1244	0.906722	-1.24007	0.214949	NA
LINC00893	2.228812	0.894975	1.42372	0.628617	0.5296	NA
	213.5302	0.736789	0.337878	2.180636	0.02921	0.097148
C8orf58	348.99	-0.19325	0.159217	-1.21376	0.224838	0.385906
	6.59446	0.805469	0.85057	0.946975	0.343652	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RPS20P20	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RN7SL76P	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
AKAP2	24.29358	-0.42599	0.431555	-0.98709	0.323596	NA
USP27X	108.3989	0.214106	0.247901	0.863677	0.387765	0.553708
	1.186743	-1.07729	1.835809	-0.58682	0.557324	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RPS26P35	0.163957	0.424913	4.079006	0.104171	0.917034	NA
RN7SL306P	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	72.80187	0.126037	0.28333	0.444841	0.656435	0.77328
PEG10	947.86	-0.44291	0.296851	-1.49201	0.135695	0.274564

STAG3L5P	9.455454	-0.06882	0.739094	-0.09312	0.925809	NA
UPK3BP1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	11.74804	0.251174	0.66694	0.376607	0.706466	NA
DCAF13P1	0.508056	0.731032	2.861912	0.255435	0.798387	NA
	26.68914	-0.13698	0.520998	-0.26292	0.792613	NA
RPS3AP34	0.845069	2.925226	2.326646	1.257272	0.208655	NA
GNG10	83.84676	-0.01295	0.272906	-0.04745	0.962154	0.97942
	42.99288	-1.12356	0.337285	-3.33117	8.65E-04	NA
CCT4P1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
RN7SL806P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
FAM86LP	0.096202	0.408546	4.079639	0.100143	0.920231	NA
RGAG4	80.87342	-0.49726	0.374471	-1.32791	0.184207	0.337524
	7.070501	-0.70808	0.893812	-0.79221	0.428241	NA
AP5Z1	2513.014	-0.24482	0.140728	-1.73968	0.081915	0.194416
EPS15P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ERVW-1	0.720827	0.448488	2.540859	0.17651	0.859893	NA
	1.281364	-0.71591	1.774413	-0.40346	0.686607	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
GK-AS1	4.855397	1.055137	0.946518	1.114756	0.264955	NA
	0.586491	2.39072	2.689057	0.889055	0.373973	NA
RN7SL849P	0.192403	0.975392	4.060716	0.240202	0.810174	NA
	0.67854	-0.89371	2.366391	-0.37767	0.705677	NA
	3.442004	0.261975	1.062754	0.246505	0.805291	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.080707	1.085144	1.993395	0.54437	0.586187	NA
	1.460595	1.079353	1.826252	0.591021	0.554506	NA
PRAF2	938.5056	-0.17424	0.151457	-1.15045	0.249959	0.41369
	22.26316	-0.11206	0.489857	-0.22875	0.819061	NA
C7orf73	924.0087	-0.02921	0.141102	-0.20698	0.836026	0.901643
KCTD7	1256.536	0.037306	0.188683	0.197716	0.843267	0.906757
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.236585	0.682769	1.964737	0.347512	0.728207	NA
PALM2	26.78622	1.217598	0.492536	2.472101	0.013432	NA
INGX	0.162376	0.424913	4.079006	0.104171	0.917034	NA
UBA52P5	2.51272	-1.38535	1.341944	-1.03234	0.301911	NA
RPS23P1	0.448206	-1.2532	3.007315	-0.41672	0.676885	NA
	247.4726	0.018231	0.182596	0.099843	0.920469	0.953884
UPK3B	1.331555	-0.54837	1.636667	-0.33505	0.737584	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	30.0952	0.016759	0.478406	0.03503	0.972056	NA
RN7SL181P	1.015699	0.142451	2.181052	0.065313	0.947925	NA
EEF1A1P10	1.387693	2.47614	1.982457	1.249025	0.211656	NA
HOTTIP	0.258578	1.233151	4.047809	0.304646	0.760635	NA
OSTCP1	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	2.683486	0.155434	1.204205	0.129076	0.897297	NA
RN7SL30P	0.096202	0.408546	4.079639	0.100143	0.920231	NA

	6.094897	0.200757	0.842303	0.238343	0.811615	NA
OR2A7	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RGAG1	21.06191	0.232138	0.547453	0.424033	0.671542	NA
RPL5P24	0.889885	0.644651	2.1706	0.296992	0.766472	NA
	1.912771	3.084214	1.757567	1.75482	0.07929	NA
	4.15329	0.478595	1.027853	0.465626	0.641483	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
	0.70046	1.37107	2.594868	0.528378	0.597237	NA
TMEM141	1071.45	-0.13767	0.190861	-0.72134	0.470702	0.627057
	3.329602	-0.33431	1.074517	-0.31113	0.755701	NA
RN7SL81P	3.53782	0.909397	1.143266	0.795438	0.426359	NA
	2.490829	-0.77677	1.447896	-0.53648	0.591628	NA
RN7SL151P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
RPS3AP35	0.163957	0.424913	4.079006	0.104171	0.917034	NA
C7orf13	35.94831	-0.00195	0.387407	-0.00504	0.995978	NA
RN7SL395P	0.392711	0.292538	3.145221	0.09301	0.925895	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
OR2A1-AS1	4.834452	-0.23755	0.901134	-0.26362	0.792075	NA
	6.850858	0.231188	0.781321	0.295893	0.767311	NA
RWDD4P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
ODCP	1.563324	0.172115	1.593555	0.108007	0.91399	NA
	13.91402	0.72456	0.577255	1.255182	0.209413	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA
OR2AE1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL396P	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	6.395351	1.488206	0.910118	1.635179	0.102012	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	6.939943	-0.43945	0.870467	-0.50484	0.613669	NA
MIR3150B	3.043561	-0.69013	1.134144	-0.6085	0.542856	NA
MIR3150A	3.043561	-0.69013	1.134144	-0.6085	0.542856	NA
RNF139-AS	19.29242	0.995342	0.49844	1.996914	0.045835	NA
	13.3943	-0.11257	0.600638	-0.18741	0.851339	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
SNHG6	2070.207	0.393562	0.161071	2.443402	0.01455	0.06067
	15.51702	0.07751	0.577485	0.134221	0.893228	NA
	77.81177	-0.31943	0.25904	-1.23314	0.217522	0.376981
	6.710807	0.216946	0.7779	0.278886	0.780332	NA
	1.736323	0.821497	1.650262	0.497798	0.618626	NA
	4.177685	0.5451	1.039806	0.524233	0.600117	NA
EXTL3-AS1	1.818895	1.382314	1.649483	0.838028	0.402015	NA
	1.974976	0.620222	1.421099	0.436438	0.662519	NA
LINC00968	10.01916	-0.03358	1.00816	-0.03331	0.973428	NA
	3.570456	1.887159	1.152287	1.63775	0.101474	NA
	5.020089	0.354929	0.890339	0.398645	0.690155	NA
LINC00535	2.148381	0.384613	1.326055	0.290043	0.771783	NA
	2.191616	-0.42726	1.274182	-0.33532	0.737384	NA

	0.768215	1.51173	2.494681	0.605981	0.544527	NA
	84.17917	-0.20598	0.258792	-0.79591	0.426082	0.587965
	392.552	0.496262	0.180888	2.743472	0.006079	0.033748
	6.950566	-0.11972	0.787174	-0.15209	0.879113	NA
SDCBPP2	3.170972	0.815033	1.30975	0.622281	0.533757	NA
USP51	88.9624	0.235869	0.400575	0.588826	0.555978	0.695486
HSPA8P11	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
KRT8P4	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	8.304867	-0.02623	0.70735	-0.03708	0.970421	NA
SBF1P1	0.881915	-2.2305	2.871853	-0.77668	0.437349	NA
NDUFA5P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.288605	1.443619	4.029058	0.358302	0.720117	NA
NPM1P21	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
	0.802985	0.54709	2.208262	0.247747	0.80433	NA
HAS2-AS1	10.26225	-0.13037	0.713225	-0.18279	0.854963	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.710434	0.70104	1.69845	0.412753	0.679788	NA
	2.030581	-0.3493	1.438218	-0.24287	0.808106	NA
	181.7447	0.015695	0.23121	0.067882	0.94588	0.96985
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.602678	1.083611	2.70938	0.399948	0.689195	NA
	2.501608	-0.2508	1.431121	-0.17525	0.860886	NA
CASC11	0.938845	-1.23445	2.063177	-0.59832	0.549624	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.82213	0.50433	2.197682	0.229483	0.818494	NA
	0.544554	-2.65036	3.220086	-0.82307	0.410468	NA
PVT1	315.4688	0.037528	0.207717	0.180669	0.856627	0.914811
	6.037171	-0.83139	0.80761	-1.02944	0.303273	NA
LINC00536	0.45509	-2.71227	3.963744	-0.68427	0.493805	NA
TRGV7	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.612162	-0.19706	2.47693	-0.07956	0.936588	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	1.388485	-0.24258	1.630363	-0.14879	0.88172	NA
KIAA1456	267.393	0.015692	0.274873	0.05709	0.954474	0.974998
LINC00977	0.938698	0.081169	1.915817	0.042368	0.966205	NA
KIAA1210	2.059495	1.207579	1.621969	0.744515	0.456565	NA
WBP1LP2	1.323504	0.914682	1.745605	0.523991	0.600285	NA
PPM1AP1	0.548763	2.343695	3.135478	0.747476	0.454776	NA
OR7E59P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
NTAN1P2	4.007939	-0.25814	0.975271	-0.26469	0.79125	NA
GLI4	88.69015	-0.10132	0.301245	-0.33635	0.736611	0.833121
ALG1L12P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA

	0.574231	0.93227	2.49998	0.372911	0.709215	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	34.30879	0.849466	0.460775	1.843558	0.065248	NA	
GAPDHP62	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	32.8263	0.17039	0.365959	0.465597	0.641504	NA	
	50.58778	0.52343	0.352276	1.485853	0.137318	0.276526	
LINC00589	1181.283	0.123596	0.136087	0.908214	0.363765	0.531088	
ZNF674	35.94689	0.674747	0.40097	1.682787	0.092416	NA	
PSMA2P2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	5.472339	-0.87991	0.8549	-1.02925	0.30336	NA	
	0.476449	0.524262	3.402674	0.154073	0.877552	NA	
	8.759559	0.266613	0.702548	0.379495	0.704321	NA	
IMPA1P	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
GYG1P1	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RNA5-8SP6	528.6209	0.937258	0.255588	3.667068	2.45E-04	0.0044	
RNU7-20P	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
SCARNA8	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
RN7SKP242	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
RNU6ATAC	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.517155	2.232561	3.179631	0.702145	0.482589	NA	
RNA5SP288	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RNU4ATAC	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
RNU7-154P	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RNU7-109P	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.709944	0.232855	2.332364	0.099837	0.920474	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
RNU4ATAC	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
RNU6-875P	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RNY5	1.344617	-0.99306	2.086066	-0.47604	0.634043	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
RNU7-36P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
SNORD36C	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	6.721903	0.369391	0.796754	0.46362	0.64292	NA	
RNU6-1136	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA	
RNU6-786P	0.324752	1.53082	4.022025	0.380609	0.703493	NA	
RNU6-703P	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
RNA5SP243	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
RNU7-177P	0.47961	0.535796	3.39605	0.15777	0.874638	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
	21.6142	0.185938	0.487863	0.381127	0.703109	NA	
	0.719393	-0.9644	2.652838	-0.36354	0.716204	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.604258	1.087325	2.707696	0.401568	0.688002	NA	

	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	2.011822	-1.41639	1.48563	-0.95339	0.340391	NA
	10.50725	-0.00924	0.932832	-0.0099	0.992101	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
KIAA0196-A	0.563552	-0.48645	2.808029	-0.17324	0.862465	NA
	2.179998	1.217055	1.464584	0.83099	0.405979	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.949175	1.90243	2.405529	0.790857	0.429027	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	117.6898	-0.08866	0.271877	-0.32611	0.744342	0.838959
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
	14.74849	0.674715	0.583523	1.156279	0.247567	NA
	6.490346	-0.32838	0.821116	-0.39992	0.689217	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	25.38944	0.023664	0.517128	0.045761	0.963501	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
C8orf88	97.72986	0.137903	0.246271	0.559964	0.575504	0.710649
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
CCDC71L	477.9722	-0.02553	0.179832	-0.14196	0.887109	0.933443
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	5.444057	-0.23346	0.949845	-0.24579	0.805847	NA
HOXA10	14.70732	0.730178	0.561441	1.300543	0.193415	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
STAU2-AS1	1.393789	-0.8924	1.663459	-0.53647	0.591633	NA
	0.35636	1.709252	3.651833	0.468053	0.639746	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	14.57915	-0.32081	0.538487	-0.59576	0.551338	NA
RAD21-AS1	1.010606	3.179931	2.258787	1.407805	0.159189	NA
	2.171826	0.668273	1.670833	0.399964	0.689183	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.384806	1.846216	3.999752	0.461582	0.644381	NA
	84.30288	-0.34112	0.257793	-1.32322	0.185763	0.339587
	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
	5.40212	0.209025	0.858806	0.243391	0.807703	NA
	0.796661	1.607053	2.50763	0.640865	0.52161	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.462046	0.589069	3.442439	0.17112	0.86413	NA
	4.230617	0.811005	1.194307	0.679059	0.497101	NA
	1.577524	0.5935	1.606623	0.369409	0.711823	NA
	0.652869	1.292592	2.374873	0.544278	0.58625	NA
	0.303394	-2.27006	4.032451	-0.56295	0.57347	NA

	2.237626	-0.35039	1.302913	-0.26893	0.787986	NA
LINC00534	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.688782	-1.24678	1.208429	-1.03173	0.302197	NA
	3.834191	1.87694	1.122979	1.671394	0.094644	NA
	2.027217	-0.02327	1.699442	-0.01369	0.989075	NA
	0.806146	0.553068	2.206737	0.250627	0.802102	NA
	2.001988	0.165454	1.339658	0.123505	0.901707	NA
	5.783948	0.212996	0.827572	0.257375	0.796889	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.623045	0.091811	2.666142	0.034436	0.97253	NA
	0.70851	-1.62753	2.686091	-0.60591	0.544574	NA
PCAT1	1.036424	0.067268	2.421139	0.027784	0.977835	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SMIM18	0.163957	0.424913	4.079006	0.104171	0.917034	NA
HMGB1P19	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	1.959984	2.251507	1.641087	1.371961	0.170076	NA
	1.372408	-0.70922	1.970671	-0.35989	0.718932	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	2974.621	0.522852	0.153955	3.396141	6.83E-04	0.008192
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.192403	0.975392	4.060716	0.240202	0.810174	NA
HMGB1P41	0.670433	1.255281	2.356401	0.532711	0.594234	NA
XRCC6P4	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
HOXA-AS2	1.878884	-0.09816	1.5128	-0.06488	0.948266	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	12.39298	0.600784	0.697992	0.860731	0.389386	NA
RNF5P1	48.13137	0.628053	0.339101	1.852114	0.064009	0.16457
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.533728	-1.74213	2.820432	-0.61768	0.536785	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
SLC10A5	1.331766	0.790302	2.090457	0.378052	0.705392	NA
	0.354779	1.703954	3.657232	0.465914	0.641277	NA
HNRNPA1P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
AFG3L2P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	23.06244	-0.91595	0.624578	-1.46651	0.14251	NA
	0.563552	-0.48645	2.808029	-0.17324	0.862465	NA

	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	1.645831	-0.89586	1.584376	-0.56543	0.571781	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.725928	0.181819	2.321433	0.078322	0.937572	NA
	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
PRSS51	0.624422	1.162588	2.733761	0.425271	0.670639	NA
ZFHX4-AS1	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.718584	3.961632	1.844001	2.148389	0.031683	NA
	14.03611	-0.01197	0.541985	-0.02208	0.982383	NA
	0.47961	0.535796	3.39605	0.15777	0.874638	NA
TAGLN2P1	5.346607	0.122649	0.924916	0.132606	0.894505	NA
UBE2HP1	1.232404	0.600643	1.916349	0.313431	0.753953	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.638825	1.117948	3.106359	0.35989	0.718929	NA
	7.756183	0.461994	0.723609	0.638458	0.523176	NA
	2.46147	0.305609	1.395903	0.218933	0.826703	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	30.65542	-0.03338	0.465376	-0.07172	0.942826	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
SUMO2P2(	0.46577	-1.30191	3.402879	-0.38259	0.702024	NA
PRKDC	5419.84	-0.11166	0.141246	-0.79052	0.429222	0.590716
LZTS1-AS1	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
	0.545988	-0.43913	2.541145	-0.17281	0.862803	NA
	386.8148	0.97592	0.281869	3.462312	5.36E-04	0.007047
	3.85682	0.2515	1.073495	0.234281	0.814767	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.460466	0.568655	3.014642	0.188631	0.850382	NA
HMGB1P23	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.49187	2.136088	3.895953	0.548284	0.583497	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC01030	0.162376	0.424913	4.079006	0.104171	0.917034	NA
PSAT1P1	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	1.952079	3.095022	1.734086	1.784814	0.074291	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	2.268819	-0.81876	1.305544	-0.62714	0.530565	NA
	0.788582	0.608095	2.456267	0.247569	0.804468	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	0.508056	0.731032	2.861912	0.255435	0.798387	NA
	5.802543	0.512214	0.941362	0.54412	0.586359	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	30.9825	0.282868	0.38211	0.740279	0.459131	NA
	9.182445	0.079713	0.705827	0.112935	0.910082	NA
	0.670636	0.219794	2.632532	0.083491	0.933461	NA
FAM85B	1.683706	-2.08511	1.718893	-1.21306	0.225108	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA

MAPRE1P1	0.783638	1.586366	2.937049	0.540122	0.589113	NA	
PRKRIRP7	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA	
	3.082833	-0.76085	1.269309	-0.59942	0.548892	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	1.812543	0.264744	1.695249	0.156168	0.8759	NA	
	4.357617	0.051613	0.940348	0.054888	0.956228	NA	
CLDN23	10.06901	-0.82377	0.706302	-1.16632	0.243487	NA	
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
ALG1L13P	2.454383	1.035727	1.450001	0.714294	0.475046	NA	
	403.2058	-0.17602	0.163138	-1.07896	0.280604	0.446698	
	0.760136	0.498384	2.921408	0.170597	0.86454	NA	
	1.407389	0.233783	1.745172	0.13396	0.893434	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.879985	1.114342	2.892066	0.38531	0.700008	NA	
IGHEP2	0.324752	1.53082	4.022025	0.380609	0.703493	NA	
PKMP4	0.858627	-2.14058	2.513451	-0.85165	0.394408	NA	
	11.38772	0.161733	0.631642	0.256052	0.797911	NA	
	0.411855	0.250456	3.097618	0.080854	0.935558	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	1.006656	-0.39276	2.040151	-0.19251	0.847339	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
	0.420954	1.923376	3.462803	0.555439	0.578594	NA	
	0.258578	1.233151	4.047809	0.304646	0.760635	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	15.39839	-0.53693	0.542099	-0.99047	0.321945	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
LYN	596.0825	0.181111	0.161617	1.120623	0.262449	0.426852	
SLC2A3P4	1.033466	-0.7302	1.946441	-0.37515	0.707552	NA	
PINX1	316.6299	0.07424	0.226801	0.327335	0.743414	0.838392	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
RBPMS-AS1	114.2264	-0.10327	0.269932	-0.38258	0.702031	0.808431	
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
	0.949727	-0.95431	2.383855	-0.40032	0.688919	NA	
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
	4.192631	0.274928	1.186868	0.231642	0.816816	NA	
	2.236621	0.831159	1.544529	0.538131	0.590487	NA	
	0.884727	1.125991	2.88877	0.389782	0.696698	NA	
	1.075403	2.139729	2.013922	1.062469	0.288023	NA	
	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
TYW1B	25.88814	0.268057	0.426415	0.628629	0.529592	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
	0.096202	0.408546	4.079639	0.100143	0.920231	NA	

	11.59205	0.030437	0.650813	0.046768	0.962698	NA
	1.353125	2.465848	1.88624	1.307282	0.191117	NA
	0.411855	0.250456	3.097618	0.080854	0.935558	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	1.332896	-0.16531	2.226653	-0.07424	0.94082	NA
	1.801534	0.918548	1.480142	0.620581	0.534875	NA
	1.65675	-0.69289	1.546651	-0.44799	0.65416	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
PAICSP4	1.350553	0.261011	1.647077	0.158469	0.874087	NA
	1.556457	-3.16133	2.134773	-1.48087	0.138641	NA
	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.324752	1.53082	4.022025	0.380609	0.703493	NA
	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
ERHP1	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
KRT8P3	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	3.002343	2.630341	1.526943	1.722619	0.084957	NA
	0.419962	-2.64111	3.429364	-0.77014	0.441214	NA
IMPDH1P6	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	9.001122	1.531645	0.736448	2.079775	0.037546	NA
	1.555013	1.798836	1.661792	1.082468	0.279045	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CKS1BP7	0.47803	0.520083	2.97881	0.174594	0.861399	NA
	7.8512	-0.67726	0.726958	-0.93164	0.351523	NA
	5.450406	-0.28419	0.941683	-0.30179	0.762813	NA
	0.82371	0.509057	2.431911	0.209324	0.834195	NA
	1.103996	1.740043	2.131488	0.816351	0.414299	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
HOXA-AS3	2.580428	1.594005	1.311578	1.215333	0.224239	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
LINC00966	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.755955	0.348448	2.512583	0.138681	0.889702	NA
RHPN1-AS1	4.754123	0.502772	0.9709	0.517841	0.604569	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	76.19465	0.222012	0.280404	0.791755	0.428503	0.590275
	1.542367	2.689772	1.869697	1.438613	0.15026	NA
ENPP7P12	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA

	0.258578	1.233151	4.047809	0.304646	0.760635	NA
	4.520475	0.640662	1.096531	0.584263	0.559043	NA
	144.7405	0.408337	0.278161	1.467989	0.142107	0.282988
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	8.277172	0.356754	0.749532	0.47597	0.634096	NA
	0.518939	0.925178	3.271397	0.282808	0.777324	NA
	0.684273	2.627785	2.896325	0.907282	0.364257	NA
	29.42327	-0.45315	0.552325	-0.82045	0.411962	NA
	0.422534	1.924583	3.001758	0.641152	0.521424	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	12.81501	0.727128	0.614853	1.182605	0.236966	NA
OR7E15P	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.555233	-0.57009	3.296947	-0.17291	0.862719	NA
OR7E158P	2.794596	1.862285	1.508398	1.234611	0.216975	NA
SLC2A13P1	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	2.649213	-1.26844	1.32972	-0.95391	0.340127	NA
	0.678686	-3.08037	2.621268	-1.17514	0.239937	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	10.51725	-0.89778	0.720338	-1.24633	0.212643	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
FAM66D	4.631762	0.171271	0.948978	0.180479	0.856776	NA
	1.263946	-2.05362	2.064371	-0.99479	0.319838	NA
	403.2932	0.239388	0.276104	0.86702	0.385931	0.551962
	5.58308	0.286377	0.824869	0.347179	0.728457	NA
	8.263397	-0.06504	0.704531	-0.09231	0.926449	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	1.562532	2.727447	1.849963	1.474325	0.140394	NA
	1.160925	1.304491	1.810948	0.720336	0.471318	NA
	0.876676	2.997866	2.64573	1.133096	0.257174	NA
	50.18152	-0.24305	0.318446	-0.76325	0.445317	0.605208
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	139.1578	0.09825	0.226508	0.43376	0.664463	0.779567
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.881915	-2.2305	2.871853	-0.77668	0.437349	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.314073	-0.57308	3.898934	-0.14698	0.883146	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
LINC00681	22.2546	-0.05307	0.506096	-0.10486	0.916487	NA
FAM85A	4.09878	-0.04859	0.985899	-0.04928	0.960695	NA
ZNF252P-A	4.085114	0.156925	1.068784	0.146825	0.88327	NA
	0.815391	0.931626	2.360431	0.394685	0.693076	NA
	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA

SDIM1	27.33802	0.326543	0.42658	0.765491	0.443979	NA
	1.332547	2.108016	2.004334	1.051729	0.292924	NA
TMEM75	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
SNRPEP2	5.209221	0.653395	0.923089	0.707835	0.479047	NA
KIAA1147	430.898	0.338681	0.178926	1.892851	0.058378	0.15417
MGAM	254.1513	0.790971	0.692163	1.142753	0.253141	0.417384
	0.823352	-0.17011	2.472341	-0.06881	0.945144	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
CUX1	2419.98	-0.24252	0.194183	-1.24895	0.211683	0.370133
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.410275	0.244283	3.100889	0.078778	0.937209	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
ZHX1-C8OF	2.357007	0.262822	1.299782	0.202205	0.839757	NA
	41.63668	-0.07774	0.361539	-0.21502	0.829748	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.47961	0.535796	3.39605	0.15777	0.874638	NA
CASC7	252.8207	0.048709	0.215741	0.225776	0.821376	0.892522
	56.16704	0.837506	0.355903	2.353182	0.018614	0.071971
	14.27076	-0.02455	0.55479	-0.04425	0.964705	NA
	13.26291	0.266307	0.652878	0.407897	0.683349	NA
	10.27132	-0.10996	0.651943	-0.16866	0.866061	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	8.149554	-0.68704	0.836532	-0.8213	0.411476	NA
	493.648	-0.41748	0.173272	-2.40941	0.015978	0.064804
	22.80256	0.522229	0.461735	1.131014	0.258049	NA
	0.327913	1.543154	4.021063	0.383768	0.701151	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.720827	0.448488	2.540859	0.17651	0.859893	NA
	0.478233	-0.67301	2.937473	-0.22911	0.818782	NA
	8.475365	0.121297	0.752233	0.161249	0.871897	NA
	3.335695	0.353987	1.268424	0.279076	0.780186	NA
FRRS1L	2.844973	1.148597	1.526542	0.752418	0.4518	NA
JHDM1D-A	30.90198	0.011703	0.391102	0.029923	0.976129	NA
	4.507319	-0.29599	0.963202	-0.3073	0.758618	NA
	2.836591	0.954032	1.393987	0.684391	0.493728	NA
	370.5169	-0.06714	0.249199	-0.26943	0.787597	0.871252
	1.799897	0.836302	1.571148	0.532287	0.594527	NA
	0.708364	0.219301	2.144998	0.102238	0.918568	NA
	35.39698	0.870534	0.414846	2.09845	0.035865	NA
	1.033705	-1.3133	2.272356	-0.57794	0.563302	NA
	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
	16.54849	0.157438	0.548016	0.287287	0.773892	NA
LINC00890	1.044314	-3.85838	2.557513	-1.50864	0.13139	NA

	210.2472	0.226474	0.302297	0.749177	0.45375	0.612629
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	15.20701	-0.63767	0.545632	-1.16867	0.242535	NA
	15.44601	0.782459	0.52901	1.479101	0.139113	NA
	1.467065	-0.31569	1.756543	-0.17972	0.857371	NA
	0.708364	0.219301	2.144998	0.102238	0.918568	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	2.419072	1.558246	1.479862	1.052967	0.292356	NA
	0.88142	1.783485	2.222213	0.802571	0.422222	NA
	0.640406	1.11402	2.710977	0.410929	0.681124	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	14.34609	0.383753	0.586628	0.654167	0.513004	NA
	9.807024	0.79613	0.675859	1.177952	0.238816	NA
	6.662849	1.140947	0.838715	1.360351	0.173719	NA
TMEM178I	66.18823	0.372363	0.427639	0.870741	0.383895	0.550046
	1.238129	0.835091	1.848802	0.451693	0.65149	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA
	15.87882	-0.69463	0.537909	-1.29135	0.196584	NA
	4.620079	0.316889	0.954784	0.331896	0.739968	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.913173	1.256193	2.465498	0.509509	0.610396	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	11.72935	-0.49862	0.719818	-0.6927	0.4885	NA
	2.264775	1.881059	1.430818	1.314674	0.18862	NA
	1.645977	-1.91609	1.778358	-1.07745	0.281279	NA
	0.651435	0.249629	2.788679	0.089515	0.928672	NA
	0.886724	0.648622	2.434305	0.26645	0.789892	NA
LINC01003	111.4379	-0.11684	0.249149	-0.46895	0.639103	0.759385
	43.78054	-0.40553	0.346774	-1.16944	0.242227	NA
	4.268337	-0.19233	1.054457	-0.1824	0.855273	NA
	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	5.492377	-0.54211	0.912008	-0.59441	0.552237	NA
	0.163957	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MIR548AN	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR4665	0.382031	-1.26484	3.151989	-0.40128	0.688212	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RN7SL777P	0.326333	1.533889	3.826878	0.40082	0.688553	NA
	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
MIR4672	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
MIR4666B	0.460466	0.568655	3.014642	0.188631	0.850382	NA
RN7SL474P	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL158P	1.265177	-0.09094	1.722664	-0.05279	0.957898	NA

	2.06401	-1.06361	1.444842	-0.73614	0.461643	NA
RN7SL463P	0.462046	0.589069	3.442439	0.17112	0.86413	NA
MIR4767	8.041325	-0.0805	0.705205	-0.11416	0.909114	NA
MIR3911	0.930591	1.843923	2.122799	0.868628	0.385051	NA
	1.924728	0.392972	1.600688	0.245502	0.806068	NA
MIR4470	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR4653	1.342381	-0.86875	1.876521	-0.46296	0.643393	NA
MIR378D2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
	0.544407	-0.44425	2.542878	-0.1747	0.861313	NA
RN7SL15P	0.192403	0.975392	4.060716	0.240202	0.810174	NA
RN7SL592P	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.116371	1.581272	1.24836	1.26668	0.20527	NA
	0.260158	1.240347	4.047124	0.306476	0.759242	NA
RN7SL262P	0.682693	2.623213	2.518338	1.041645	0.297576	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR4655	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR3153	0.738188	1.39874	2.317793	0.603479	0.54619	NA
	5.459683	0.602646	0.860804	0.700097	0.483867	NA
RN7SL365P	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.547182	2.340248	3.137689	0.745851	0.455757	NA
	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR4664	16.5093	-0.47602	0.552021	-0.86232	0.388511	NA
RN7SL64P	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
MIR4292	7.194047	0.061126	0.783148	0.078052	0.937787	NA
FSBP	7.155257	0.48953	0.832047	0.588345	0.556301	NA
MIR3939	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
MIR4477B	0.420954	1.923376	3.462803	0.555439	0.578594	NA
MIR4477A	0.420954	1.923376	3.462803	0.555439	0.578594	NA
MIR3609	0.315653	-0.57305	3.892639	-0.14721	0.882963	NA
MIR4469	0.326333	1.533889	3.826878	0.40082	0.688553	NA
RN7SL625P	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.326536	0.037056	3.842554	0.009644	0.992306	NA
MIR4668	0.163957	0.424913	4.079006	0.104171	0.917034	NA
MIR5692A1	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
MIR5692A2	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
	0.424115	1.932531	3.45462	0.559405	0.575885	NA
RN7SL118P	0.488709	2.119056	3.307564	0.64067	0.521737	NA
	0.660976	-0.84029	2.673548	-0.3143	0.753294	NA
MIR4479	1.246236	-0.68541	1.955344	-0.35053	0.72594	NA
RN7SL377P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
MIR5692C2	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
RN7SL48P	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	3.151791	0.848041	1.266277	0.669712	0.503041	NA
	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA
	0.586694	1.130467	2.734203	0.413454	0.679274	NA

UXT-AS1	1.857029	0.477319	1.439072	0.331685	0.740127	NA
	0.785218	1.577495	2.568228	0.614235	0.53906	NA
	0.951104	-0.01996	2.201588	-0.00907	0.992765	NA
	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
FMR1-AS1	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	0.681112	2.620532	2.519661	1.040033	0.298324	NA
AIRN	0.260158	1.240347	4.047124	0.306476	0.759242	NA
SMC5-AS1	3.940973	0.53923	1.043077	0.516961	0.605183	NA
	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	16.30271	-0.30075	0.547032	-0.54978	0.582473	NA
	6.027432	0.26514	0.923464	0.287114	0.774025	NA
	0.162376	0.424913	4.079006	0.104171	0.917034	NA
	12.35168	0.113156	0.659266	0.171639	0.863721	NA
	0.296509	-0.51709	3.982155	-0.12985	0.896684	NA
	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA
	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
	0.096202	0.408546	4.079639	0.100143	0.920231	NA
	2.713155	-0.03478	1.21729	-0.02857	0.977205	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	2.705019	1.759231	1.381449	1.273468	0.202852	NA
NA	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	0.432222	-1.18916	3.482045	-0.34151	0.732718	NA
NA	0.719393	-0.9644	2.652838	-0.36354	0.716204	NA
NA	1.377216	0.878801	1.689434	0.520175	0.602942	NA
NA	1.066304	1.133112	2.033868	0.557122	0.577444	NA
NA	0.599903	-1.73313	2.730982	-0.63462	0.525678	NA
NA	3.860386	-0.1383	0.990674	-0.1396	0.888972	NA
NA	0.872321	0.678609	2.011629	0.337343	0.735858	NA
NA	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
NA	0.520316	2.239969	3.173769	0.705776	0.480328	NA
NA	2.826738	0.429572	1.379874	0.311313	0.755563	NA
NA	1.006454	0.21027	1.900041	0.110666	0.911881	NA
NA	5.204194	1.168014	1.250813	0.933803	0.350405	NA
NA	0.410275	0.244283	3.100889	0.078778	0.937209	NA
NA	12.40638	-0.01832	0.634561	-0.02888	0.976963	NA
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	3.970882	0.227571	1.064225	0.213837	0.830674	NA
NA	0.548763	2.343695	3.135478	0.747476	0.454776	NA
NA	3.977526	0.152755	1.023836	0.149199	0.881397	NA
NA	4.172024	0.624185	1.077713	0.579176	0.56247	NA
NA	9.126216	-0.04678	0.703139	-0.06653	0.946954	NA

NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	2.618709	0.525213	1.255873	0.418205	0.675797	NA
NA	1.169179	-1.04993	1.839034	-0.57091	0.568059	NA
NA	12.05283	0.783165	0.624042	1.254989	0.209483	NA
NA	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
NA	4.033653	0.653628	0.974224	0.670921	0.502271	NA
NA	1.454862	-0.58515	1.616608	-0.36196	0.717381	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	0.288605	1.443619	4.029058	0.358302	0.720117	NA
NA	5.298071	0.38444	0.928535	0.414029	0.678853	NA
NA	0.747636	0.735436	2.634453	0.279161	0.780122	NA
NA	0.844077	-0.22325	2.189502	-0.10196	0.918786	NA
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NA	185.1007	-0.1563	0.245311	-0.63713	0.524038	0.670307
NA	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NA	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
NA	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
NA	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NA	0.258578	1.233151	4.047809	0.304646	0.760635	NA
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	1.801477	0.837718	1.571131	0.533194	0.593899	NA
NA	66.98923	-0.12418	0.283331	-0.4383	0.661172	0.776905
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	0.420954	1.923376	3.462803	0.555439	0.578594	NA
NA	0.970103	0.931158	2.103793	0.442609	0.658049	NA
NA	1.870384	-1.19022	1.504417	-0.79115	0.428855	NA
NA	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	54.71069	-0.23842	0.399992	-0.59607	0.551128	0.69215
NA	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	1.981474	1.060056	1.457971	0.727076	0.467179	NA
NA	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
NA	0.949378	0.969416	2.078125	0.466486	0.640868	NA
NA	2.03082	-0.68062	1.438891	-0.47302	0.636199	NA
NA	0.842643	-2.08432	2.306153	-0.90381	0.366097	NA
NA	0.58526	0.001197	3.235889	3.70E-04	0.999705	NA
NA	0.881623	0.857232	2.360567	0.363147	0.716495	NA
NA	40.85569	0.228931	0.348784	0.656369	0.511587	NA
NA	7.694195	-0.5809	0.769509	-0.75489	0.450315	NA
NA	52.01346	0.765969	0.358387	2.137267	0.032576	0.105021
NA	0.260158	1.240347	4.047124	0.306476	0.759242	NA
NA	2.887617	1.817345	1.282066	1.417513	0.156333	NA
NA	3.92815	0.550405	1.016364	0.541543	0.588133	NA

NA	1.717739	0.809782	1.52915	0.529563	0.596415	NA
NA	23.92622	0.888599	0.504392	1.761724	0.078116	NA
NA	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA
NA	0.644964	2.579089	2.975624	0.866739	0.386085	NA
NA	0.260158	1.240347	4.047124	0.306476	0.759242	NA
NA	1.763575	-0.25188	1.622659	-0.15523	0.876642	NA
NA	129.827	0.458562	0.241132	1.901705	0.05721	0.151659
NA	0.92901	1.841773	2.123319	0.867403	0.385721	NA
NA	0.487129	2.123445	3.910539	0.543006	0.587126	NA
NA	0.490493	0.776209	2.895261	0.268096	0.788625	NA
NA	1.541319	0.429663	1.664577	0.258121	0.796313	NA
NA	0.327913	1.543154	4.021063	0.383768	0.701151	NA
NA	0.260158	1.240347	4.047124	0.306476	0.759242	NA
NA	0.394291	0.298745	3.141711	0.09509	0.924243	NA
NA	5.384528	-0.3359	0.86191	-0.38972	0.696746	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	10.8931	0.871916	0.645058	1.351685	0.176476	NA
NA	0.288605	1.443619	4.029058	0.358302	0.720117	NA
NA	0.651288	1.289307	2.633717	0.489539	0.62446	NA
NA	0.47961	0.535796	3.39605	0.15777	0.874638	NA
NA	11.36492	-0.65133	0.777282	-0.83796	0.40205	NA
NA	0.392857	-1.546	4.075469	-0.37934	0.704433	NA
NA	1.108162	-0.89528	2.172518	-0.41209	0.680272	NA
NA	3.3203	-0.39736	1.14031	-0.34846	0.727492	NA
NA	6.860052	-0.18046	0.824601	-0.21884	0.826775	NA
NA	1.425624	1.633938	1.964017	0.831937	0.405445	NA
NA	0.667861	-2.0782	2.593993	-0.80116	0.42304	NA
NA	12.34881	1.020449	0.633191	1.611598	0.10705	NA
NA	1.197073	1.305651	1.836533	0.710932	0.477126	NA
NA	0.326333	1.533889	3.826878	0.40082	0.688553	NA
NA	0.528424	-0.38142	2.853651	-0.13366	0.893671	NA
NA	3.254371	0.979549	1.312002	0.746606	0.455301	NA
NA	31.23871	-0.19563	0.385307	-0.50774	0.611639	NA
NA	0.668852	1.246964	2.610519	0.477669	0.632886	NA
NA	1.312768	-0.01332	1.920498	-0.00694	0.994466	NA
NA	1.064521	2.035642	2.088007	0.974921	0.329599	NA
NA	0.422534	1.924583	3.001758	0.641152	0.521424	NA
NA	6.074162	-0.05793	0.807125	-0.07177	0.942786	NA
NA	1.209479	1.863531	2.324529	0.801681	0.422737	NA
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	20.57896	1.118347	0.641882	1.742294	0.081457	NA
NA	0.614937	2.493639	2.617677	0.952615	0.340785	NA
NA	2.763261	0.946956	1.293513	0.732081	0.464119	NA
NA	1.896338	0.479132	1.467658	0.32646	0.744076	NA
NA	0.741166	2.78101	2.851312	0.975344	0.32939	NA
NA	4.661431	0.05836	0.969689	0.060184	0.952009	NA
NA	5.977271	-0.67833	0.844564	-0.80318	0.421872	NA

NA	6.764013	0.405856	0.827137	0.490675	0.623656	NA	
NA	0.815391	0.931626	2.360431	0.394685	0.693076	NA	
NA	1.629791	-1.39133	1.699006	-0.81891	0.412837	NA	
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
NA	2.077473	1.630485	1.577913	1.033317	0.301455	NA	
NA	6.480512	0.108513	0.818263	0.132614	0.894498	NA	
NA	689.9089	0.760902	0.204643	3.718186	2.01E-04	0.003868	
NA	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
NA	1.344617	-0.99306	2.086066	-0.47604	0.634043	NA	
NA	0.856337	0.757304	2.453242	0.308695	0.757553	NA	
NA	1.469637	2.274236	2.004742	1.134429	0.256615	NA	
NA	2.828115	0.719244	1.209705	0.594562	0.552136	NA	
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
NA	0.422737	0.518872	3.501356	0.148192	0.882191	NA	
NA	0.518736	2.237423	2.7713	0.807355	0.419462	NA	
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
NA	0.452561	2.061505	3.349456	0.615474	0.538241	NA	
NA	0.55687	-0.14239	3.170029	-0.04492	0.964172	NA	
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
NA	1.633368	-1.08276	1.583569	-0.68375	0.494136	NA	
NA	1.466826	0.187141	1.944883	0.096222	0.923344	NA	
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
NA	2.489705	-0.37598	1.208265	-0.31117	0.75567	NA	
NA	0.3441	-0.0166	3.769682	-0.0044	0.996486	NA	
NA	0.506476	0.726418	2.864186	0.253621	0.799788	NA	
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
NA	94.34982	0.494045	0.342856	1.440971	0.149593	0.293079	
NA	0.749273	0.569822	2.889797	0.197184	0.843683	NA	
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
NA	0.364467	-1.20166	3.685431	-0.32606	0.744381	NA	
NA	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
NA	4.61616	-0.3491	1.012309	-0.34486	0.730203	NA	
NA	2.74626	0.50783	1.31029	0.387571	0.698334	NA	
NA	269.4246	-0.47591	0.192236	-2.47565	0.013299	0.057374	
NA	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
NA	0.394291	0.298745	3.141711	0.09509	0.924243	NA	
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
NA	6.455308	1.764107	0.91469	1.928639	0.053776	NA	
NA	40.77676	-0.09668	0.344558	-0.28059	0.779026	NA	
NA	7.215339	-0.54205	0.761949	-0.7114	0.476835	NA	
NA	2.468353	1.148125	1.549118	0.741147	0.458604	NA	
NA	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	

NA	0.670636	0.219794	2.632532	0.083491	0.933461	NA	
NA	5.435171	-0.90459	1.059064	-0.85414	0.393029	NA	
NA	0.324752	1.53082	4.022025	0.380609	0.703493	NA	
NA	0.572651	0.928649	2.780261	0.334015	0.738368	NA	
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
NA	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA	
NA	1.29763	3.559825	2.014572	1.767038	0.077222	NA	
NA	2.746151	0.917161	1.37454	0.667249	0.504613	NA	
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
NA	0.670433	1.255281	2.356401	0.532711	0.594234	NA	
NA	9.965292	-0.03028	0.635321	-0.04766	0.96199	NA	
NA	14.59014	-0.59489	0.542947	-1.09567	0.273223	NA	
NA	1.763603	1.398047	1.552819	0.900328	0.367946	NA	
NA	2.712778	1.662301	1.28044	1.298226	0.19421	NA	
NA	0.902348	0.812045	2.125951	0.381968	0.702485	NA	
NA	110.0731	-0.01322	0.264613	-0.04996	0.960156	0.9781	
NA	123.0363	0.274222	0.23431	1.17034	0.241864	0.404924	
NA	27.20548	-0.18876	0.449203	-0.42022	0.674327	NA	
NA	11.00476	0.255343	0.634491	0.402438	0.687362	NA	
NA	20.80226	-0.12054	0.488349	-0.24683	0.805043	NA	
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
NA	25.91129	0.581085	0.44269	1.312623	0.18931	NA	
NA	4.330045	0.304836	1.061252	0.287242	0.773927	NA	
NA	37.79299	0.157151	0.402879	0.39007	0.696485	NA	
NA	551.406	0.061909	0.214505	0.288612	0.772879	0.859277	
NA	0.670433	1.255281	2.356401	0.532711	0.594234	NA	
NA	116.3308	-0.50404	0.248651	-2.02711	0.042652	0.125686	
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
NA	0.575812	0.936922	2.776634	0.337431	0.735792	NA	
NA	605.5667	0.024185	0.18115	0.133507	0.893792	0.938023	
NA	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
NA	6.009116	-0.27561	0.835548	-0.32985	0.741513	NA	
NA	3678.611	-0.36701	0.180965	-2.02805	0.042555	0.125496	
NA	0.816825	1.673341	2.21346	0.755984	0.449659	NA	
NA	78.01318	-0.14291	0.278175	-0.51375	0.60743	0.73511	
NA	5.697384	0.822691	0.939511	0.875659	0.381216	NA	
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
NA	2.279296	-0.03202	1.403524	-0.02282	0.981798	NA	
NA	2.340591	1.837885	1.729271	1.062809	0.287869	NA	
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
NA	2.817757	-1.56943	1.297134	-1.20992	0.226309	NA	
NA	12.55256	0.329673	0.579379	0.569011	0.569349	NA	
NA	1.014118	0.121699	2.429485	0.050092	0.960049	NA	
NA	1.698741	0.093534	1.670057	0.056007	0.955336	NA	
NA	1.1119	0.46633	1.933926	0.241131	0.809453	NA	
NA	0.410275	0.244283	3.100889	0.078778	0.937209	NA	
NA	0.260158	1.240347	4.047124	0.306476	0.759242	NA	

NA	0.640609	0.042838	2.379511	0.018003	0.985637	NA	
NA	0.623045	0.091811	2.666142	0.034436	0.97253	NA	
NA	1.320527	0.156199	1.694976	0.092154	0.926575	NA	
NA	0.52699	-2.57878	3.248478	-0.79384	0.427288	NA	
NA	15.44273	1.043196	0.554299	1.882011	0.059834	NA	
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
NA	2.266538	1.340283	1.464905	0.914928	0.360229	NA	
NA	2.192957	-0.09881	1.375251	-0.07185	0.942722	NA	
NA	1.06136	2.032712	2.134262	0.952419	0.340884	NA	
NA	7.157432	0.133903	0.738937	0.18121	0.856203	NA	
NA	4.558091	-1.4914	1.0743	-1.38825	0.16506	NA	
NA	1.05261	-0.79	2.093679	-0.37733	0.705932	NA	
NA	1.083803	-2.45142	2.403819	-1.0198	0.307822	NA	
NA	4.855027	-0.48401	1.018843	-0.47506	0.634747	NA	
NA	20.40421	-0.48903	0.458709	-1.06611	0.286376	NA	
NA	0.968319	1.86533	2.390384	0.780348	0.435186	NA	
NA	0.411855	0.250456	3.097618	0.080854	0.935558	NA	
NA	0.966942	0.917791	1.915974	0.47902	0.631924	NA	
NA	51.31068	-0.23257	0.338015	-0.68803	0.491432	0.643291	
NA	9.671725	0.398501	0.668977	0.595687	0.551384	NA	
NA	99.4965	0.112892	0.247715	0.455734	0.648581	0.766669	
NA	2.373033	3.391224	1.631156	2.079031	0.037614	NA	
NA	25.09557	-0.34542	0.436329	-0.79165	0.428568	NA	
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
NA	0.411855	0.250456	3.097618	0.080854	0.935558	NA	
NA	23.9466	0.253374	0.425809	0.595041	0.551816	NA	
NA	0.623191	-1.58103	2.770593	-0.57065	0.568239	NA	
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
NA	632.8943	0.082983	0.211184	0.392942	0.694362	0.802993	
NA	0.772958	0.415176	2.577252	0.161092	0.872021	NA	
NA	0.392857	-1.546	4.075469	-0.37934	0.704433	NA	
NA	0.260158	1.240347	4.047124	0.306476	0.759242	NA	
NA	6.858819	0.937486	0.790884	1.185364	0.235874	NA	
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
NA	1.017482	-0.71858	2.105405	-0.3413	0.732874	NA	
NA	2.229547	-0.77402	1.281507	-0.60399	0.545851	NA	
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
NA	6.654176	-0.01278	0.838386	-0.01525	0.987835	NA	
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
NA	1.621188	1.859647	1.660407	1.119994	0.262716	NA	
NA	1.141927	0.609996	1.889109	0.322901	0.74677	NA	
NA	0.844077	-0.22325	2.189502	-0.10196	0.918786	NA	
NA	1.078282	-2.71064	2.113412	-1.28259	0.199636	NA	
NA	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
NA	50.9714	-0.03072	0.396223	-0.07753	0.938205	0.965739	
NA	20.75854	0.686502	0.583581	1.176362	0.23945	NA	

NA	14.78211	0.170224	0.534367	0.318552	0.750066	NA
NA	0.746295	-0.65731	2.318283	-0.28353	0.776767	NA
NA	0.70693	-1.62766	2.687154	-0.60572	0.544701	NA
NA	59.25318	0.513192	0.321478	1.596352	0.11041	0.238287
NA	6.30898	-0.17834	0.841406	-0.21195	0.832145	NA
NA	22.74525	-0.30077	0.426216	-0.70567	0.480393	NA
NA	0.326333	1.533889	3.826878	0.40082	0.688553	NA
NA	1.129667	-0.3654	1.881429	-0.19421	0.846008	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	0.49029	2.123092	3.304282	0.642527	0.520531	NA
NA	0.813811	0.928591	2.591569	0.358312	0.72011	NA
NA	2.13454	-0.0628	1.316887	-0.04768	0.961968	NA
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	1.993466	0.509146	1.640922	0.31028	0.756348	NA
NA	0.354779	1.703954	3.657232	0.465914	0.641277	NA
NA	0.792306	-0.44145	2.21354	-0.19943	0.841926	NA
NA	0.230334	-0.53318	4.076749	-0.13079	0.895945	NA
NA	19.83694	0.603017	0.494301	1.219941	0.222487	NA
NA	2.850421	0.704407	1.219022	0.577846	0.563368	NA
NA	9.902591	0.617972	0.662693	0.932517	0.35107	NA
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NA	0.682896	1.412658	2.61672	0.539858	0.589295	NA
NA	0.430642	-1.1891	3.485782	-0.34113	0.733008	NA
NA	2.033538	-0.01636	1.699369	-0.00963	0.99232	NA
NA	1.459015	1.061255	1.654615	0.641391	0.521269	NA
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA
NA	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NA	39.41562	-0.39178	0.334518	-1.17119	0.241523	NA
NA	3.424652	0.798681	1.097644	0.727632	0.466839	NA
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NA	0.995185	1.939099	2.104716	0.921311	0.356888	NA
NA	6.256826	1.244429	0.941608	1.321599	0.186302	NA
NA	0.86916	0.686589	2.213986	0.310114	0.756474	NA
NA	1.072977	-1.55799	1.954834	-0.79699	0.425455	NA
NA	3.550623	0.80519	1.166444	0.690295	0.490009	NA
NA	0.670433	1.255281	2.356401	0.532711	0.594234	NA
NA	1.018713	1.086497	2.092548	0.519222	0.603606	NA
NA	49.50061	0.220464	0.375398	0.587282	0.557015	0.696198
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
NA	0.260158	1.240347	4.047124	0.306476	0.759242	NA
NA	1.389476	1.604276	1.701484	0.942869	0.345748	NA
NA	1.50496	-0.97023	1.870122	-0.51881	0.603895	NA
NA	4.03916	0.225133	0.995188	0.226221	0.821029	NA
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA

NA	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	1.016048	-2.46876	2.437554	-1.0128	0.311154	NA
NA	0.556813	-0.57007	3.294615	-0.17303	0.862627	NA
NA	14.36111	0.284085	0.57735	0.49205	0.622684	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	36.11147	0.501859	0.389999	1.286818	0.198158	NA
NA	1.111957	0.613148	2.197118	0.279069	0.780192	NA
NA	0.966942	0.917791	1.915974	0.47902	0.631924	NA
NA	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA
NA	1426.602	-0.20465	0.152109	-1.34542	0.17849	0.331093
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA
NA	1.574296	-0.82564	1.83021	-0.45112	0.651903	NA
NA	3.735012	1.480977	1.136968	1.302567	0.192723	NA
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
NA	1.015699	0.142451	2.181052	0.065313	0.947925	NA
NA	0.324752	1.53082	4.022025	0.380609	0.703493	NA
NA	10.01836	0.659949	0.671032	0.983484	0.325369	NA
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NA	0.260158	1.240347	4.047124	0.306476	0.759242	NA
NA	2.655068	1.193448	1.333164	0.895199	0.37068	NA
NA	1195.384	0.287839	0.166458	1.729197	0.083774	0.197146
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	26.76229	-0.04868	0.484541	-0.10046	0.919976	NA
NA	0.489058	-0.58569	3.427543	-0.17088	0.864321	NA
NA	9.666108	-0.18555	0.656496	-0.28264	0.777451	NA
NA	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NA	0.681461	0.491544	3.066278	0.160307	0.87264	NA
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA
NA	40.81513	1.084003	0.507967	2.134005	0.032842	NA
NA	1.8771	0.331367	1.625066	0.20391	0.838424	NA
NA	3.938498	1.65544	1.222006	1.35469	0.175516	NA
NA	1.581879	1.852431	1.635532	1.132617	0.257375	NA
NA	0.49029	2.123092	3.304282	0.642527	0.520531	NA
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA
NA	0.192403	0.975392	4.060716	0.240202	0.810174	NA
NA	0.508056	0.731032	2.861912	0.255435	0.798387	NA
NA	1.044145	0.31036	2.099918	0.147796	0.882504	NA
NA	92.01408	-0.06835	0.289631	-0.23599	0.81344	0.888705
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA
NA	1.064724	1.125776	1.854789	0.606957	0.54388	NA
NA	98.45061	0.177384	0.277017	0.640336	0.521954	0.668506
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA
NA	8.898671	-1.05781	0.7523	-1.4061	0.159695	NA

NA	1.363805	3.621971	1.977166	1.831901	0.066966	NA	
NA	0.192403	0.975392	4.060716	0.240202	0.810174	NA	
NA	1.831504	0.901042	1.589352	0.566924	0.570766	NA	
NA	0.49029	2.123092	3.304282	0.642527	0.520531	NA	
NA	1.178278	-0.21536	1.987735	-0.10835	0.913721	NA	
NA	0.327913	1.543154	4.021063	0.383768	0.701151	NA	
NA	57.08682	0.1954	0.334836	0.583571	0.559509	0.698208	
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
NA	21.202	0.871565	0.496051	1.757005	0.078917	NA	
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
NA	0.096202	0.408546	4.079639	0.100143	0.920231	NA	
NA	3.215633	-0.21847	1.078036	-0.20265	0.839406	NA	
NA	98.42462	-0.27107	0.253165	-1.07071	0.284298	0.450883	
NA	1.073969	1.636961	2.132951	0.767463	0.442806	NA	
NA	2.246965	-0.2361	1.321807	-0.17862	0.858234	NA	
NA	7.866849	-0.10492	0.800035	-0.13115	0.895659	NA	
NA	6.196517	1.548583	0.855595	1.80995	0.070304	NA	
NA	26.32478	0.088684	0.407276	0.217748	0.827625	NA	
NA	0.163957	0.424913	4.079006	0.104171	0.917034	NA	
NA	0.667861	-2.0782	2.593993	-0.80116	0.42304	NA	
NA	5.033554	1.303381	1.02471	1.271951	0.20339	NA	
NA	2.208188	-1.7278	1.421078	-1.21584	0.224047	NA	
NA	0.134133	-1.48909	4.077584	-0.36519	0.71497	NA	
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
NA	2.914586	-0.47352	1.259235	-0.37603	0.706891	NA	
NA	0.268266	-2.15396	4.038351	-0.53338	0.593773	NA	
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
NA	4.016816	-0.9346	1.077665	-0.86725	0.385807	NA	
NA	1.266023	3.509235	2.049126	1.712552	0.086795	NA	
NA	5.779178	-0.30424	0.84599	-0.35962	0.719129	NA	
NA	0.162376	0.424913	4.079006	0.104171	0.917034	NA	
NA	5.352388	0.199463	0.879338	0.226833	0.820553	NA	
NA	3.285603	0.415708	1.129021	0.368202	0.712723	NA	
NA	0.298089	-0.51711	3.975232	-0.13008	0.896501	NA	
NA	1.839262	0.914215	1.464635	0.624193	0.532501	NA	
NA	0.28583	-2.21358	3.97376	-0.55705	0.577494	NA	
NA	0.151697	-1.546	4.075469	-0.37934	0.704433	NA	
NA	0.652869	1.292592	2.374873	0.544278	0.58625	NA	
NA	2.874512	0.100918	1.13792	0.088687	0.929331	NA	
NA	1.064724	1.125776	1.854789	0.606957	0.54388	NA	
NA	2.581741	0.801615	1.37506	0.582968	0.559915	NA	
NA	0.49029	2.123092	3.304282	0.642527	0.520531	NA	
NA	1.53895	-1.90624	1.779374	-1.0713	0.284035	NA	
NA	1.295001	0.77564	1.869139	0.414972	0.678163	NA	
NA	18.79715	-0.12846	0.518831	-0.2476	0.804445	NA	
NA	0.717463	1.437863	2.615223	0.549805	0.582453	NA	
NA	0.260158	1.240347	4.047124	0.306476	0.759242	NA	

NA	4.432828	0.235117	1.106731	0.212443	0.831761	NA
NA	2.862252	-0.21243	1.144941	-0.18554	0.852808	NA
NA	0.247898	-0.5901	4.074633	-0.14482	0.884851	NA
NA	0.437526	-2.68242	3.384147	-0.79264	0.427986	NA
NA	1.345424	2.489115	2.169846	1.147139	0.251324	NA