

SUID	AverageSh	Betweenne	ClosenessC	ClusteringC	Degree	Eccentricity	IsSingleNo	lab	name
11819	2.496221	0.301148	0.400606	0	1358	3	FALSE	miRNA	hsa-miR-10
12062	2.431705	0.003363	0.411234	0	8	4	FALSE		BTG2
12152	2.517604	0.003716	0.397203	0	8	4	FALSE		CCND2
13314	2.449032	0.003768	0.408325	0	8	4	FALSE		NUFIP2
14098	2.231521	0.005344	0.448125	0	8	4	FALSE		THBS1
14272	2.587281	0.004042	0.386506	0	8	4	FALSE		UBN2
16035	2.589493	0.003609	0.386176	0	8	4	FALSE		GIGYF1
12150	2.485899	0.002815	0.402269	0	7	4	FALSE		CCND1
12846	2.426175	0.003724	0.412171	0	7	4	FALSE		IGF1R
12864	2.631152	0.00312	0.380062	0	7	4	FALSE		IREB2
13684	2.838341	0.002574	0.352318	0	7	4	FALSE		REL
14170	2.514286	0.002822	0.397727	0	7	4	FALSE		TNRC6A
14290	2.499171	0.002866	0.400133	0	7	4	FALSE		UHMK1
14959	2.519816	0.003737	0.396854	0	7	4	FALSE		MDM2
11850	2.52682	0.001899	0.395754	0	6	4	FALSE		ADAM10
12212	2.667281	0.001979	0.374914	0	6	4	FALSE		CDKN1A
12466	2.655853	0.001796	0.376527	0	6	4	FALSE		EIF4G2
12476	2.542304	0.001911	0.393344	0	6	4	FALSE		ELK4
12506	2.726636	0.001859	0.366752	0	6	4	FALSE		ETNK1
12798	2.652903	0.001945	0.376946	0	6	4	FALSE		HNRNPU
12800	2.610876	0.001817	0.383013	0	6	4	FALSE		HNRNPUL1
13010	2.652903	0.001945	0.376946	0	6	4	FALSE		LRRC58
13036	2.741382	0.001822	0.364779	0	6	4	FALSE		MAP1B
13230	2.780092	0.002673	0.3597	0	6	4	FALSE		NACC1
13360	2.901382	0.002215	0.344663	0	6	4	FALSE		PANK3
13530	2.437235	0.002245	0.410301	0	6	4	FALSE		PRDM2
13600	2.785622	0.002027	0.358986	0	6	4	FALSE		PURB
13688	2.652166	0.001623	0.37705	0	6	4	FALSE		REV3L
13762	2.823594	0.002115	0.354159	0	6	4	FALSE		RREB1
13830	2.652166	0.001623	0.37705	0	6	4	FALSE		SFT2D2
14076	2.52682	0.001899	0.395754	0	6	4	FALSE		TET3
14114	2.52682	0.001899	0.395754	0	6	4	FALSE		TMBIM6
14166	2.567373	0.002674	0.389503	0	6	4	FALSE		TNPO1
14460	2.627834	0.001775	0.380542	0	6	4	FALSE		ZNF264
14508	2.57106	0.001949	0.388945	0	6	4	FALSE		ZNF678
14560	2.781198	0.002859	0.359557	0	6	4	FALSE		ALDOA
14657	2.662488	0.00286	0.375588	0	6	4	FALSE		CCDC80
15029	3.205161	0.002464	0.311997	0	6	4	FALSE		NF2
15710	2.693456	0.001811	0.37127	0	6	4	FALSE		CBX6
15856	2.772719	0.001683	0.360657	0	6	4	FALSE		DDX21
11870	2.6153	0.001389	0.382365	0	5	4	FALSE		AGO1
11872	2.795207	0.002346	0.357755	0	5	4	FALSE		AGO3
11898	2.575853	0.001664	0.388221	0	5	4	FALSE		ANKRD17
12008	2.762765	0.001108	0.361956	0	5	4	FALSE		ATXN1L
12022	2.645899	0.002389	0.377943	0	5	4	FALSE		BAG5
12078	2.675392	0.001154	0.373777	0	5	4	FALSE		C16orf72

12208	2.786359	0.001575	0.358891	0	5	4 FALSE	CDK6
12282	2.927558	0.001324	0.341582	0	5	4 FALSE	COL12A1
12284	2.763871	0.001399	0.361811	0	5	4 FALSE	COL5A2
12300	2.798894	0.001585	0.357284	0	5	4 FALSE	CPEB4
12444	2.97106	0.001075	0.33658	0	5	4 FALSE	EDEM3
12640	2.619355	0.002417	0.381773	0	5	4 FALSE	GAN
12724	2.721475	0.001191	0.367448	0	5	4 FALSE	GSK3B
12870	2.59318	0.002185	0.385627	0	5	4 FALSE	IRF4
12876	2.669493	0.001638	0.374603	0	5	4 FALSE	ITGB8
12888	3.013456	0.001293	0.331845	0	5	4 FALSE	JMJD1C
12948	2.815115	0.001068	0.355225	0	5	4 FALSE	KMT2C
12972	3.093456	0.001024	0.323263	0	5	4 FALSE	LCOR
12988	3.033364	0.001042	0.329667	0	5	4 FALSE	LMNB2
12990	2.97106	0.001075	0.33658	0	5	4 FALSE	LNPEP
13046	3.020461	0.000923	0.331075	0	5	4 FALSE	MAP3K7
13092	2.815115	0.001068	0.355225	0	5	4 FALSE	MED13
13138	2.762765	0.001108	0.361956	0	5	4 FALSE	MKLN1
13406	2.686452	0.002163	0.372238	0	5	4 FALSE	PEG10
13458	2.675392	0.001154	0.373777	0	5	4 FALSE	PLAG1
13554	2.589124	0.001677	0.386231	0	5	4 FALSE	PRRC2C
13716	2.568479	0.002056	0.389335	0	5	4 FALSE	RNF11
13738	2.721475	0.001191	0.367448	0	5	4 FALSE	RORA
13808	2.676129	0.001397	0.373674	0	5	4 FALSE	SECISBP2L
13882	2.675392	0.001154	0.373777	0	5	4 FALSE	SLC38A1
13884	2.646267	0.001493	0.377891	0	5	4 FALSE	SLC38A2
14048	2.621935	0.001663	0.381398	0	5	4 FALSE	TAOK1
14054	3.057696	0.001632	0.327044	0	5	4 FALSE	TBC1D24
14056	2.641475	0.002234	0.378576	0	5	4 FALSE	TBL1XR1
14126	3.08977	0.001113	0.323649	0	5	4 FALSE	TMEM167/
14236	2.890691	0.001147	0.345938	0	5	4 FALSE	TULP4
14320	2.846083	0.001017	0.35136	0	5	4 FALSE	VANGL1
14368	2.567742	0.001511	0.389447	0	5	4 FALSE	YOD1
14440	2.809954	0.001195	0.355878	0	5	4 FALSE	ZNF12
14466	3.090507	0.001504	0.323572	0	5	4 FALSE	ZNF292
14470	2.762765	0.001108	0.361956	0	5	4 FALSE	ZNF367
14480	3.057696	0.001632	0.327044	0	5	4 FALSE	ZNF490
14582	2.818433	0.001676	0.354807	0	5	4 FALSE	ARPP19
15241	3.149862	0.002125	0.317474	0	5	4 FALSE	SLC7A5
15556	2.93788	0.001323	0.340381	0	5	4 FALSE	AKT1
15578	2.814009	0.001703	0.355365	0	5	4 FALSE	ANKRD52
15716	3.168295	0.00103	0.315627	0	5	4 FALSE	CCDC6
15782	3.113733	0.001285	0.321158	0	5	4 FALSE	COL1A1
16027	2.793364	0.001176	0.357991	0	5	4 FALSE	GATAD2B
16088	2.793364	0.001176	0.357991	0	5	4 FALSE	HEATR1
16303	3.229862	0.001026	0.309611	0	5	4 FALSE	MIDN
16342	3.221751	0.001096	0.31039	0	5	4 FALSE	MYO6
16642	2.85235	0.001132	0.350588	0	5	4 FALSE	SEC61A1

17593	2.889585	0.001414	0.34607	0	5	4 FALSE	GMFB
17770	2.959631	0.001228	0.33788	0	5	4 FALSE	MBD4
17947	2.996498	0.001019	0.333723	0	5	4 FALSE	PRPF8
18036	2.997972	0.001133	0.333559	0	5	4 FALSE	SESN3
18072	2.770507	0.001447	0.360945	0	5	4 FALSE	SMAD4
18372	2.888111	0.001108	0.346247	0	5	4 FALSE	ATP13A3
18411	2.997235	0.001098	0.333641	0	5	4 FALSE	BRWD1
18640	2.936406	0.001131	0.340552	0	5	4 FALSE	HERPUD1
18980	3.059539	0.001124	0.326847	0	5	4 FALSE	RAB2B
19053	2.941567	0.001188	0.339955	0	5	4 FALSE	SERTAD2
21745	3.025253	0.001955	0.330551	0	5	4 FALSE	REXO1
22381	2.989862	0.001259	0.334464	0	5	4 FALSE	YY1
11868	2.867465	0.000586	0.34874	0	4	4 FALSE	AGFG1
11910	2.828387	0.000954	0.353558	0	4	4 FALSE	AP1G1
11930	3.016406	0.000896	0.33152	0	4	4 FALSE	ARCN1
11938	2.846452	0.001357	0.351315	0	4	4 FALSE	ARHGAP1
11984	2.690138	0.001508	0.371728	0	4	4 FALSE	ATL2
12020	2.790415	0.000819	0.35837	0	4	4 FALSE	BACH1
12024	2.988387	0.000941	0.334629	0	4	4 FALSE	BAZ2A
12044	3.048848	0.001125	0.327993	0	4	4 FALSE	BICD2
12058	2.867465	0.000586	0.34874	0	4	4 FALSE	BTBD3
12060	2.75871	0.000984	0.362488	0	4	4 FALSE	BTBD7
12126	3.104885	0.000626	0.322073	0	4	4 FALSE	CAPN2
12140	2.669493	0.001059	0.374603	0	4	4 FALSE	CBX5
12176	2.930138	0.000801	0.341281	0	4	4 FALSE	CD44
12184	3.087189	0.00061	0.323919	0	4	4 FALSE	CD81
12190	2.833917	0.001417	0.352868	0	4	4 FALSE	CDC14B
12234	2.724793	0.001012	0.367	0	4	4 FALSE	CHD1
12272	2.759816	0.000833	0.362343	0	4	4 FALSE	CLTC
12280	2.774194	0.000998	0.360465	0	4	4 FALSE	CNOT6
12314	2.867465	0.000586	0.34874	0	4	4 FALSE	CSDE1
12322	3.035945	0.000708	0.329387	0	4	4 FALSE	CSNK1G3
12342	2.839447	0.000899	0.352181	0	4	4 FALSE	DAZAP2
12366	3.050323	0.000916	0.327834	0	4	4 FALSE	DDIT4
12372	2.860092	0.000985	0.349639	0	4	4 FALSE	DDX3X
12390	2.75871	0.000984	0.362488	0	4	4 FALSE	DICER1
12418	2.903226	0.001244	0.344444	0	4	4 FALSE	DR1
12426	2.669493	0.001059	0.374603	0	4	4 FALSE	DSTYK
12432	3.048848	0.000586	0.327993	0	4	4 FALSE	DYNLL2
12436	2.774194	0.000998	0.360465	0	4	4 FALSE	E2F3
12572	2.856037	0.000829	0.350136	0	4	4 FALSE	FBN1
12598	3.142488	0.001086	0.318219	0	4	4 FALSE	FKBP8
12630	2.718157	0.001074	0.367896	0	4	4 FALSE	FZD6
12634	3.104885	0.000626	0.322073	0	4	4 FALSE	G3BP1
12686	2.846452	0.001357	0.351315	0	4	4 FALSE	GNPTAB
12742	2.856037	0.000829	0.350136	0	4	4 FALSE	HBP1
12746	3.083502	0.000835	0.324307	0	4	4 FALSE	HDGF

12750	2.685714	0.00105	0.37234	0	4	4 FALSE	HECTD1
12770	2.867465	0.000586	0.34874	0	4	4 FALSE	HIPK1
12772	2.816959	0.000803	0.354993	0	4	4 FALSE	HIPK3
12788	3.048848	0.000586	0.327993	0	4	4 FALSE	HNRNPA2E
12794	2.867465	0.000586	0.34874	0	4	4 FALSE	HNRNPF
12820	2.9047	0.000843	0.34427	0	4	4 FALSE	HSPA1A
12822	3.048848	0.000586	0.327993	0	4	4 FALSE	HSPA4L
12828	2.685714	0.00105	0.37234	0	4	4 FALSE	HUWE1
12908	3.048848	0.000586	0.327993	0	4	4 FALSE	KDM6B
12920	3.246452	0.000623	0.308029	0	4	4 FALSE	KIAA1586
12956	2.955576	0.000963	0.338344	0	4	4 FALSE	KPNA6
12958	2.892903	0.001004	0.345674	0	4	4 FALSE	KRT80
12970	3.087189	0.00061	0.323919	0	4	4 FALSE	LBR
12978	2.669493	0.001059	0.374603	0	4	4 FALSE	LIFR
13054	2.828387	0.000954	0.353558	0	4	4 FALSE	MAPK14
13074	2.807373	0.001023	0.356205	0	4	4 FALSE	MBD2
13076	2.75871	0.000984	0.362488	0	4	4 FALSE	MBD6
13120	2.867465	0.000586	0.34874	0	4	4 FALSE	MFSD6
13134	2.988387	0.000941	0.334629	0	4	4 FALSE	MKI67
13154	2.867465	0.000586	0.34874	0	4	4 FALSE	MOB1B
13234	2.774194	0.000998	0.360465	0	4	4 FALSE	NAP1L1
13240	2.754654	0.001453	0.363022	0	4	4 FALSE	NCKAP1
13286	3.01788	0.000816	0.331358	0	4	4 FALSE	NOTCH1
13300	2.718157	0.001074	0.367896	0	4	4 FALSE	NRAS
13308	3.048848	0.000586	0.327993	0	4	4 FALSE	NSD1
13312	2.912442	0.000795	0.343354	0	4	4 FALSE	NUCKS1
13322	3.124424	0.000941	0.320059	0	4	4 FALSE	NUPL2
13330	3.021935	0.001435	0.330914	0	4	4 FALSE	ORAI2
13340	2.669493	0.001059	0.374603	0	4	4 FALSE	OTUD4
13350	3.216221	0.000627	0.310924	0	4	4 FALSE	PABPN1
13402	2.972903	0.0014	0.336372	0	4	4 FALSE	PDZD8
13424	3.048848	0.000586	0.327993	0	4	4 FALSE	PHF3
13440	2.992811	0.001046	0.334134	0	4	4 FALSE	PIM1
13450	2.875945	0.000852	0.347712	0	4	4 FALSE	PJA2
13462	2.998341	0.0009	0.333518	0	4	4 FALSE	PLEKHA1
13512	2.669493	0.001059	0.374603	0	4	4 FALSE	PPP2R5E
13516	2.806636	0.001098	0.356298	0	4	4 FALSE	PPP3R1
13540	2.867465	0.000586	0.34874	0	4	4 FALSE	PRKAA1
13544	2.9047	0.000843	0.34427	0	4	4 FALSE	PRKCE
13570	3.048848	0.000586	0.327993	0	4	4 FALSE	PTBP3
13576	3.048848	0.000586	0.327993	0	4	4 FALSE	PTGS2
13616	2.828387	0.000954	0.353558	0	4	4 FALSE	RAB14
13634	2.892903	0.001004	0.345674	0	4	4 FALSE	RAD23B
13654	3.152074	0.000566	0.317251	0	4	4 FALSE	RAPH1
13676	2.778249	0.000953	0.359939	0	4	4 FALSE	RC3H2
13680	2.823594	0.001579	0.354159	0	4	4 FALSE	REEP3
13694	3.048848	0.000586	0.327993	0	4	4 FALSE	RFX7

13782	3.224332	0.000667	0.310142	0	4	4 FALSE	SCAF11
13820	2.952627	0.000957	0.338681	0	4	4 FALSE	SESN2
13864	3.124424	0.000941	0.320059	0	4	4 FALSE	SLC1A5
13874	3.048848	0.000586	0.327993	0	4	4 FALSE	SLC25A33
13954	2.712627	0.000813	0.368646	0	4	4 FALSE	SP3
13976	3.048848	0.000586	0.327993	0	4	4 FALSE	SQSTM1
13988	3.2	0.000825	0.3125	0	4	4 FALSE	SRSF1
14086	2.774194	0.000998	0.360465	0	4	4 FALSE	TGFBR2
14188	2.867465	0.000586	0.34874	0	4	4 FALSE	TPD52
14224	3.2	0.000825	0.3125	0	4	4 FALSE	TSPYL1
14246	3.152074	0.000566	0.317251	0	4	4 FALSE	TXNIP
14264	2.84977	0.000852	0.350906	0	4	4 FALSE	UBE2G1
14268	2.669493	0.001059	0.374603	0	4	4 FALSE	UBE2Z
14308	2.718157	0.001074	0.367896	0	4	4 FALSE	USP37
14338	2.797419	0.001088	0.357472	0	4	4 FALSE	VWA9
14344	2.869677	0.000793	0.348471	0	4	4 FALSE	WDR33
14350	2.690138	0.001508	0.371728	0	4	4 FALSE	WNK1
14358	2.690138	0.001508	0.371728	0	4	4 FALSE	XIAP
14372	2.809217	0.00096	0.355971	0	4	4 FALSE	YWHAG
14378	2.669493	0.001059	0.374603	0	4	4 FALSE	ZBTB18
14452	2.669493	0.001059	0.374603	0	4	4 FALSE	ZNF217
14476	2.718157	0.001074	0.367896	0	4	4 FALSE	ZNF451
14593	2.809954	0.001596	0.355878	0	4	4 FALSE	ATP6V0E1
14677	2.979908	0.001759	0.335581	0	4	4 FALSE	CEP104
14688	3.651613	0.000811	0.273852	0	4	4 FALSE	CKAP4
14749	3.022304	0.00157	0.330873	0	4	4 FALSE	DSEL
14759	3.030415	0.001009	0.329988	0	4	4 FALSE	EIF4EBP2
14890	3.030415	0.001009	0.329988	0	4	4 FALSE	ITPRIPL2
14900	2.933456	0.00138	0.340895	0	4	4 FALSE	KDELR1
14980	2.928295	0.001419	0.341496	0	4	4 FALSE	MIER3
15005	3.030415	0.001009	0.329988	0	4	4 FALSE	MTHFD1
15013	3.278157	0.001388	0.305049	0	4	4 FALSE	MYADM
15072	2.968111	0.001476	0.336915	0	4	4 FALSE	OTUD7B
15138	2.809954	0.001596	0.355878	0	4	4 FALSE	PSMA4
15146	2.809954	0.001596	0.355878	0	4	4 FALSE	PTEN
15257	3.623594	0.000874	0.275969	0	4	4 FALSE	SNRPD1
15279	3.087926	0.001408	0.323842	0	4	4 FALSE	STK4
15389	3.030415	0.001009	0.329988	0	4	4 FALSE	TXLNG
15444	3.030415	0.001009	0.329988	0	4	4 FALSE	ZNF117
15517	3.24977	0.000593	0.307714	0	4	4 FALSE	ABHD2
15543	2.809217	0.001066	0.355971	0	4	4 FALSE	AHNAK
15558	3.301014	0.000544	0.302937	0	4	4 FALSE	AKT2
15642	2.850138	0.000997	0.35086	0	4	4 FALSE	BAZ1B
15652	3.154654	0.000701	0.316992	0	4	4 FALSE	BCL2L13
15664	2.899171	0.001002	0.344926	0	4	4 FALSE	BRWD3
15687	2.809217	0.001066	0.355971	0	4	4 FALSE	CALD1
15689	2.92682	0.001113	0.341668	0	4	4 FALSE	CALM1

15748	2.921659	0.001	0.342271	0	4	4 FALSE	CELF1
15777	2.850138	0.000997	0.35086	0	4	4 FALSE	CNOT4
15786	3.198157	0.000981	0.31268	0	4	4 FALSE	COL5A1
15822	2.954101	0.000832	0.338512	0	4	4 FALSE	CTGF
15858	2.957788	0.001011	0.33809	0	4	4 FALSE	DDX6
15914	3.23576	0.000561	0.309046	0	4	4 FALSE	EIF4A3
15929	2.964793	0.000613	0.337292	0	4	4 FALSE	ELP2
16046	3.008664	0.000756	0.332373	0	4	4 FALSE	GLS
16114	3.491244	0.00103	0.286431	0	4	4 FALSE	HOOK3
16127	3.369585	0.000531	0.296772	0	4	4 FALSE	HSPH1
16306	2.931244	0.000875	0.341152	0	4	4 FALSE	MINK1
16321	3.135853	0.000884	0.318893	0	4	4 FALSE	MMP2
16362	3.053641	0.000858	0.327478	0	4	4 FALSE	NFIC
16408	3.23576	0.000561	0.309046	0	4	4 FALSE	OAZ1
16497	3.301014	0.000544	0.302937	0	4	4 FALSE	PPP1R11
16540	2.921659	0.001	0.342271	0	4	4 FALSE	QKI
16560	2.964793	0.000613	0.337292	0	4	4 FALSE	RASSF5
16579	3.23576	0.000561	0.309046	0	4	4 FALSE	RER1
16658	2.850138	0.000997	0.35086	0	4	4 FALSE	SF3B3
16711	3.233548	0.000724	0.309258	0	4	4 FALSE	SMAD3
16769	2.964793	0.000613	0.337292	0	4	4 FALSE	TAB2
16803	2.833917	0.000838	0.352868	0	4	4 FALSE	TLN1
16851	2.964793	0.000613	0.337292	0	4	4 FALSE	TRAK2
16855	2.964793	0.000613	0.337292	0	4	4 FALSE	TRIM26
16960	2.936037	0.000915	0.340595	0	4	4 FALSE	ZBTB4
17035	3.480553	0.00043	0.287311	0	4	4 FALSE	AAK1
17038	3.480553	0.00043	0.287311	0	4	4 FALSE	ABRACL
17044	3.557972	0.001019	0.281059	0	4	4 FALSE	AGO2
17075	3.567926	0.000656	0.280275	0	4	4 FALSE	CLSTN2
17255	3.047373	0.001005	0.328151	0	4	4 FALSE	ACTB
17466	2.905069	0.000992	0.344226	0	4	4 FALSE	DDX17
17498	3.48424	0.000459	0.287007	0	4	4 FALSE	EGFR
17522	3.019355	0.000646	0.331197	0	4	4 FALSE	ERBB4
17707	3.019355	0.000646	0.331197	0	4	4 FALSE	KDM5B
17744	3.29659	0.000609	0.303344	0	4	4 FALSE	LTA4H
17761	3.019355	0.000646	0.331197	0	4	4 FALSE	MAP3K5
18249	2.905069	0.000992	0.344226	0	4	4 FALSE	VGLL4
18278	3.367373	0.000563	0.296967	0	4	4 FALSE	ZDHHC16
18361	2.999078	0.000628	0.333436	0	4	4 FALSE	ARL8A
18366	2.999078	0.000628	0.333436	0	4	4 FALSE	ATG9A
18380	3.162396	0.000509	0.316216	0	4	4 FALSE	AZIN1
18419	2.999078	0.000628	0.333436	0	4	4 FALSE	C16orf52
18492	3.463226	0.000442	0.288748	0	4	4 FALSE	COPA
18533	3.107097	0.000885	0.321844	0	4	4 FALSE	DHX40
18591	2.999078	0.000628	0.333436	0	4	4 FALSE	FASTK
18593	3.351521	0.000519	0.298372	0	4	4 FALSE	FBXL19
18604	3.166083	0.000575	0.315848	0	4	4 FALSE	FXR1

18632	3.486452	0.000534	0.286825	0	4	4 FALSE	GXYLT2
18744	3.063226	0.000582	0.326453	0	4	4 FALSE	KLHL15
18810	3.107097	0.000885	0.321844	0	4	4 FALSE	MICAL2
18999	3.628756	0.000398	0.275577	0	4	4 FALSE	RBM26
19048	2.999078	0.000628	0.333436	0	4	4 FALSE	SERBP1
19106	3.125899	0.000621	0.319908	0	4	4 FALSE	SOX4
19138	3.154286	0.000649	0.317029	0	4	4 FALSE	STX12
19193	3.162396	0.000509	0.316216	0	4	4 FALSE	TP53INP1
19216	3.063226	0.000582	0.326453	0	4	4 FALSE	ULK1
19230	3.063226	0.000582	0.326453	0	4	4 FALSE	WASL
19238	3.121475	0.000585	0.320361	0	4	4 FALSE	YTHDF3
19907	2.930138	0.000774	0.341281	0	4	4 FALSE	XPO4
19921	3.129217	0.001065	0.319569	0	4	4 FALSE	ZNF107
20536	2.999447	0.000949	0.333395	0	4	4 FALSE	DGKH
21218	3.101567	0.001253	0.322418	0	4	4 FALSE	MDM4
11828	3.112258	0.000488	0.32131	0	3	4 FALSE	AASDHPPT
11830	2.957051	0.000784	0.338175	0	3	4 FALSE	ABCC5
11834	2.88	0.000526	0.347222	0	3	4 FALSE	ABHD17C
11836	3.393548	0.000408	0.294677	0	3	4 FALSE	ABT1
11838	3.050691	0.000509	0.327795	0	3	4 FALSE	ACLY
11842	2.921659	0.000485	0.342271	0	3	4 FALSE	ACSL4
11854	2.827281	0.000524	0.353697	0	3	4 FALSE	ADIPOR2
11888	2.860829	0.000535	0.349549	0	3	4 FALSE	AMMECR1
11902	2.887373	0.000864	0.346336	0	3	4 FALSE	ANKRD50
11916	3.050691	0.000509	0.327795	0	3	4 FALSE	AP3M1
11958	2.979908	0.000442	0.335581	0	3	4 FALSE	ARID4B
11960	3.112258	0.000488	0.32131	0	3	4 FALSE	ARID5B
11968	3.209217	0.000374	0.311603	0	3	4 FALSE	ARRDC4
11974	3.176774	0.000553	0.314785	0	3	4 FALSE	ASH1L
11976	2.907281	0.000352	0.343964	0	3	4 FALSE	ATAD1
11988	3.013825	0.000481	0.331804	0	3	4 FALSE	ATP11A
12066	2.860829	0.000535	0.349549	0	3	4 FALSE	BUB3
12076	2.979908	0.000442	0.335581	0	3	4 FALSE	C11orf30
12104	3.221751	0.000434	0.31039	0	3	4 FALSE	C7orf55-LL
12122	2.907281	0.000352	0.343964	0	3	4 FALSE	CAMSAP1
12156	3.146175	0.000868	0.317846	0	3	4 FALSE	CCNG1
12162	2.907281	0.000352	0.343964	0	3	4 FALSE	CCNT2
12166	2.88	0.000526	0.347222	0	3	4 FALSE	CCT5
12180	2.860829	0.000535	0.349549	0	3	4 FALSE	CD47
12204	3.31871	0.000374	0.301322	0	3	4 FALSE	CDK17
12228	3.147281	0.000385	0.317735	0	3	4 FALSE	CFTR
12238	2.887373	0.000864	0.346336	0	3	4 FALSE	CHEK1
12264	2.897327	0.000385	0.345146	0	3	4 FALSE	CLIC4
12266	2.897327	0.000385	0.345146	0	3	4 FALSE	CLIP1
12292	3.082765	0.000394	0.324384	0	3	4 FALSE	COX2
12296	3.013825	0.000481	0.331804	0	3	4 FALSE	CPEB2
12298	3.154286	0.000459	0.317029	0	3	4 FALSE	CPEB3

12302	3.282949	0.000217	0.304604	0	3	4 FALSE	CPNE8
12336	3.087558	0.000768	0.323881	0	3	4 FALSE	CYP1B1
12350	2.975484	0.000558	0.33608	0	3	4 FALSE	DCAF7
12356	2.827281	0.000524	0.353697	0	3	4 FALSE	DCP2
12370	3.190783	0.00082	0.313403	0	3	4 FALSE	DDX19B
12388	3.070599	0.000502	0.325669	0	3	4 FALSE	DIAPH1
12408	3.146175	0.000868	0.317846	0	3	4 FALSE	DNAJC28
12414	3.282949	0.000217	0.304604	0	3	4 FALSE	DNM2
12422	3.276313	0.000347	0.305221	0	3	4 FALSE	DSC2
12450	3.105622	0.000526	0.321997	0	3	4 FALSE	EEF2
12470	3.290323	0.000424	0.303922	0	3	4 FALSE	ELAVL2
12478	3.050691	0.000509	0.327795	0	3	4 FALSE	EMP1
12480	2.975484	0.000558	0.33608	0	3	4 FALSE	EMP2
12484	3.070599	0.000502	0.325669	0	3	4 FALSE	ENPP2
12486	3.213641	0.000443	0.311174	0	3	4 FALSE	EP300
12508	3.345622	0.000573	0.298898	0	3	4 FALSE	EVI5
12512	2.860829	0.000535	0.349549	0	3	4 FALSE	EXOC5
12538	2.979908	0.000442	0.335581	0	3	4 FALSE	FAM217B
12546	3.154286	0.000459	0.317029	0	3	4 FALSE	FAM69B
12554	3.282949	0.000217	0.304604	0	3	4 FALSE	FAM8A1
12556	3.003134	0.000549	0.332986	0	3	4 FALSE	FAM91A1
12566	2.897327	0.000385	0.345146	0	3	4 FALSE	FAS
12568	3.112258	0.000488	0.32131	0	3	4 FALSE	FASN
12576	3.282949	0.000217	0.304604	0	3	4 FALSE	FBXL3
12590	2.979908	0.000442	0.335581	0	3	4 FALSE	FGF2
12604	2.921659	0.000485	0.342271	0	3	4 FALSE	FMR1
12606	2.827281	0.000524	0.353697	0	3	4 FALSE	FNDC3A
12612	2.921659	0.000485	0.342271	0	3	4 FALSE	FOSL2
12620	2.860829	0.000535	0.349549	0	3	4 FALSE	FRMD6
12644	3.070599	0.000502	0.325669	0	3	4 FALSE	GATAD1
12714	2.921659	0.000485	0.342271	0	3	4 FALSE	GREB1L
12752	3.392074	0.000379	0.294805	0	3	4 FALSE	HECTD2
12768	3.070599	0.000502	0.325669	0	3	4 FALSE	HIF1AN
12784	2.827281	0.000524	0.353697	0	3	4 FALSE	HN1
12816	2.975484	0.000558	0.33608	0	3	4 FALSE	HSP90B1
12832	2.88	0.000526	0.347222	0	3	4 FALSE	ID4
12834	3.282949	0.000217	0.304604	0	3	4 FALSE	IER2
12838	3.112258	0.000488	0.32131	0	3	4 FALSE	IER5
12844	3.154286	0.000459	0.317029	0	3	4 FALSE	IFNGR2
12848	3.112258	0.000488	0.32131	0	3	4 FALSE	IGF2
12850	2.827281	0.000524	0.353697	0	3	4 FALSE	IGF2R
12860	3.112258	0.000488	0.32131	0	3	4 FALSE	INO80D
12862	2.88	0.000526	0.347222	0	3	4 FALSE	IPO7
12868	3.32424	0.000402	0.300821	0	3	4 FALSE	IRF2BP2
12892	3.282949	0.000217	0.304604	0	3	4 FALSE	JUN
12894	2.827281	0.000524	0.353697	0	3	4 FALSE	KANSL1
12906	2.827281	0.000524	0.353697	0	3	4 FALSE	KDM3B



12916	3.340829	0.000642	0.299327	0	3	4 FALSE	KIAA1456
12918	2.827281	0.000524	0.353697	0	3	4 FALSE	KIAA1551
12932	3.087558	0.000768	0.323881	0	3	4 FALSE	KIF5B
12938	2.887373	0.000864	0.346336	0	3	4 FALSE	KLF10
12964	2.979908	0.000442	0.335581	0	3	4 FALSE	LARP4
12982	3.221751	0.000434	0.31039	0	3	4 FALSE	LIN28B
13020	2.975484	0.000558	0.33608	0	3	4 FALSE	LZIC
13052	2.827281	0.000524	0.353697	0	3	4 FALSE	MAPK1
13086	3.154286	0.000459	0.317029	0	3	4 FALSE	MCL1
13100	2.827281	0.000524	0.353697	0	3	4 FALSE	MEF2D
13116	2.921659	0.000485	0.342271	0	3	4 FALSE	MEX3C
13128	2.921659	0.000485	0.342271	0	3	4 FALSE	MGRN1
13140	3.112258	0.000488	0.32131	0	3	4 FALSE	MKNK2
13146	2.827281	0.000524	0.353697	0	3	4 FALSE	MLLT10
13148	2.907281	0.000352	0.343964	0	3	4 FALSE	MMGT1
13188	2.860829	0.000535	0.349549	0	3	4 FALSE	MSMO1
13204	3.282949	0.000217	0.304604	0	3	4 FALSE	MTPN
13208	2.921659	0.000485	0.342271	0	3	4 FALSE	MYCN
13238	2.88	0.000526	0.347222	0	3	4 FALSE	NCBP2
13244	3.282949	0.000217	0.304604	0	3	4 FALSE	NDC1
13258	3.282949	0.000217	0.304604	0	3	4 FALSE	NEK7
13290	2.88	0.000526	0.347222	0	3	4 FALSE	NPTN
13292	3.070599	0.000502	0.325669	0	3	4 FALSE	NR1D2
13302	2.88	0.000526	0.347222	0	3	4 FALSE	NRIP1
13342	3.292535	0.000345	0.303717	0	3	4 FALSE	OTULIN
13352	2.88	0.000526	0.347222	0	3	4 FALSE	PAFAH1B1
13358	3.070599	0.000502	0.325669	0	3	4 FALSE	PANK1
13364	3.282949	0.000217	0.304604	0	3	4 FALSE	PAPOLA
13366	3.090138	0.000363	0.32361	0	3	4 FALSE	PAPPA
13372	2.860829	0.000535	0.349549	0	3	4 FALSE	PATL1
13384	3.393548	0.000408	0.294677	0	3	4 FALSE	PCNX
13410	2.979908	0.000442	0.335581	0	3	4 FALSE	PFN2
13442	2.827281	0.000524	0.353697	0	3	4 FALSE	PIP4K2A
13446	3.070599	0.000502	0.325669	0	3	4 FALSE	PISD
13454	3.403502	0.000443	0.293815	0	3	4 FALSE	PKN2
13460	3.070599	0.000502	0.325669	0	3	4 FALSE	PLEC
13486	2.827281	0.000524	0.353697	0	3	4 FALSE	POU2F1
13494	3.243871	0.000431	0.308274	0	3	4 FALSE	PPM1D
13500	2.827281	0.000524	0.353697	0	3	4 FALSE	PPP1R15B
13504	2.827281	0.000524	0.353697	0	3	4 FALSE	PPP2R2A
13510	3.282949	0.000217	0.304604	0	3	4 FALSE	PPP2R5D
13532	2.860829	0.000535	0.349549	0	3	4 FALSE	PREPL
13556	2.860829	0.000535	0.349549	0	3	4 FALSE	PSAP
13586	2.827281	0.000524	0.353697	0	3	4 FALSE	PTPN4
13590	3.32424	0.000402	0.300821	0	3	4 FALSE	PTPRJ
13594	3.007189	0.000395	0.332536	0	3	4 FALSE	PUM1
13598	2.827281	0.000524	0.353697	0	3	4 FALSE	PURA

13612	3.182673	0.000428	0.314201	0	3	4 FALSE	QSER1
13614	3.209217	0.000374	0.311603	0	3	4 FALSE	RAB11FIP1
13622	3.15871	0.000756	0.316585	0	3	4 FALSE	RAB33B
13632	3.141382	0.000416	0.318331	0	3	4 FALSE	RAC1
13642	2.957051	0.000784	0.338175	0	3	4 FALSE	RANBP6
13646	3.023779	0.000352	0.330712	0	3	4 FALSE	RAP1B
13648	2.979908	0.000442	0.335581	0	3	4 FALSE	RAP2B
13660	2.88	0.000526	0.347222	0	3	4 FALSE	RASA1
13664	3.105622	0.000526	0.321997	0	3	4 FALSE	RBBP7
13696	2.860829	0.000535	0.349549	0	3	4 FALSE	RGL1
13698	2.827281	0.000524	0.353697	0	3	4 FALSE	RGMB
13700	3.282949	0.000217	0.304604	0	3	4 FALSE	RHOA
13702	3.282949	0.000217	0.304604	0	3	4 FALSE	RIC1
13708	2.88	0.000526	0.347222	0	3	4 FALSE	RLIM
13734	3.253825	0.001232	0.307331	0	3	4 FALSE	RNF41
13736	2.979908	0.000442	0.335581	0	3	4 FALSE	RNF44
13740	2.921659	0.000485	0.342271	0	3	4 FALSE	RPA2
13770	2.827281	0.000524	0.353697	0	3	4 FALSE	RTN4
13778	2.827281	0.000524	0.353697	0	3	4 FALSE	SAMD8
13790	2.88	0.000526	0.347222	0	3	4 FALSE	SCARB2
13818	2.860829	0.000535	0.349549	0	3	4 FALSE	SERINC3
13822	3.011982	0.00044	0.332007	0	3	4 FALSE	SETD5
13838	3.050691	0.000509	0.327795	0	3	4 FALSE	SH3BP4
13846	2.887373	0.000864	0.346336	0	3	4 FALSE	SIX4
13870	3.254931	0.00041	0.307226	0	3	4 FALSE	SLC23A2
13896	3.050691	0.000509	0.327795	0	3	4 FALSE	SLC7A1
13906	3.141382	0.000416	0.318331	0	3	4 FALSE	SMAD2
13912	2.887373	0.000864	0.346336	0	3	4 FALSE	SMARCA5
13922	2.827281	0.000524	0.353697	0	3	4 FALSE	SMIM13
13934	3.282949	0.000217	0.304604	0	3	4 FALSE	SNRNP27
13948	2.88	0.000526	0.347222	0	3	4 FALSE	SOX11
14014	2.979908	0.000442	0.335581	0	3	4 FALSE	STX16
14024	3.246083	0.000552	0.308064	0	3	4 FALSE	SURF4
14046	3.105622	0.000526	0.321997	0	3	4 FALSE	TANK
14090	2.887373	0.000864	0.346336	0	3	4 FALSE	TGIF1
14092	3.290323	0.000424	0.303922	0	3	4 FALSE	TGIF2
14094	2.827281	0.000524	0.353697	0	3	4 FALSE	TGOLN2
14104	3.087558	0.000768	0.323881	0	3	4 FALSE	TIMM8A
14108	3.173456	0.000476	0.315114	0	3	4 FALSE	TJP1
14112	2.921659	0.000485	0.342271	0	3	4 FALSE	TM9SF3
14132	3.050691	0.000509	0.327795	0	3	4 FALSE	TMEM179I
14144	3.205161	0.000526	0.311997	0	3	4 FALSE	TMEM33
14154	3.182673	0.000428	0.314201	0	3	4 FALSE	TMPO
14162	2.979908	0.000442	0.335581	0	3	4 FALSE	TNKS
14172	2.827281	0.000524	0.353697	0	3	4 FALSE	TNRC6B
14176	3.154286	0.000459	0.317029	0	3	4 FALSE	TOB1
14202	3.182673	0.000428	0.314201	0	3	4 FALSE	TRIM71

14216	3.154286	0.000459	0.317029	0	3	4 FALSE	TSN
14222	3.302488	0.000353	0.302802	0	3	4 FALSE	TSPAN3
14232	3.112258	0.000488	0.32131	0	3	4 FALSE	TTYH3
14242	3.259724	0.000692	0.306774	0	3	4 FALSE	TVP23C
14244	3.259724	0.000692	0.306774	0	3	4 FALSE	TXNDC16
14248	2.921659	0.000485	0.342271	0	3	4 FALSE	UBAC2
14250	2.860829	0.000535	0.349549	0	3	4 FALSE	UBE2A
14284	2.88	0.000526	0.347222	0	3	4 FALSE	UGCG
14298	3.154286	0.000459	0.317029	0	3	4 FALSE	USP22
14324	2.860829	0.000535	0.349549	0	3	4 FALSE	VAPB
14330	3.141382	0.000416	0.318331	0	3	4 FALSE	VEGFA
14334	3.112258	0.000488	0.32131	0	3	4 FALSE	VEZT
14346	3.282949	0.000217	0.304604	0	3	4 FALSE	WDR36
14354	3.146175	0.000868	0.317846	0	3	4 FALSE	WSB1
14356	3.023779	0.000352	0.330712	0	3	4 FALSE	WTAP
14374	3.173456	0.000476	0.315114	0	3	4 FALSE	ZBED4
14392	3.070599	0.000502	0.325669	0	3	4 FALSE	ZC3H11A
14402	3.259724	0.000692	0.306774	0	3	4 FALSE	ZDHHC24
14406	3.243871	0.000431	0.308274	0	3	4 FALSE	ZEB1
14408	3.173456	0.000476	0.315114	0	3	4 FALSE	ZEB2
14412	2.827281	0.000524	0.353697	0	3	4 FALSE	ZFH3
14416	3.249401	0.000392	0.307749	0	3	4 FALSE	ZFP36L2
14424	2.975484	0.000558	0.33608	0	3	4 FALSE	ZFP91
14448	3.282949	0.000217	0.304604	0	3	4 FALSE	ZNF197
14456	3.282949	0.000217	0.304604	0	3	4 FALSE	ZNF24
14458	3.282949	0.000217	0.304604	0	3	4 FALSE	ZNF260
14472	2.979908	0.000442	0.335581	0	3	4 FALSE	ZNF430
14492	2.827281	0.000524	0.353697	0	3	4 FALSE	ZNF618
14494	3.154286	0.000459	0.317029	0	3	4 FALSE	ZNF623
14530	3.087558	0.000768	0.323881	0	3	4 FALSE	ZSCAN22
14541	3.153917	0.000818	0.317066	0	3	4 FALSE	ABC7
14545	3.548756	0.000403	0.281789	0	3	4 FALSE	ABHD17B
14558	3.480184	0.000689	0.287341	0	3	4 FALSE	ALDH9A1
14599	3.548756	0.000403	0.281789	0	3	4 FALSE	AVL9
14609	3.090507	0.000901	0.323572	0	3	4 FALSE	BMP3
14635	3.617327	0.000512	0.276447	0	3	4 FALSE	CACNG8
14666	3.305069	0.000794	0.302566	0	3	4 FALSE	CD28
14694	3.153917	0.000818	0.317066	0	3	4 FALSE	CNBP
14740	3.548756	0.000403	0.281789	0	3	4 FALSE	DNAJB4
14775	3.548756	0.000403	0.281789	0	3	4 FALSE	EVC
14807	3.480184	0.000689	0.287341	0	3	4 FALSE	FUS
14821	3.693272	0.000385	0.270763	0	3	4 FALSE	GJC1
14825	3.542488	0.000639	0.282287	0	3	4 FALSE	GK5
14829	3.470599	0.000617	0.288135	0	3	4 FALSE	GLG1
14835	3.47318	0.000775	0.287921	0	3	4 FALSE	GNS
14865	3.510783	0.000725	0.284837	0	3	4 FALSE	HP1BP3
14873	3.568295	0.000516	0.280246	0	3	4 FALSE	IFIT3

14875	3.56129	0.000622	0.280797	0	3	4 FALSE	IFNLR1
14896	3.090507	0.000901	0.323572	0	3	4 FALSE	KATNAL1
14906	3.712442	0.000413	0.269364	0	3	4 FALSE	KIF18B
14914	2.98765	0.00086	0.334711	0	3	4 FALSE	KLHL11
14931	3.200737	0.000752	0.312428	0	3	4 FALSE	LIN9
14935	3.427097	0.000653	0.291792	0	3	4 FALSE	LIX1L
14982	3.090507	0.000901	0.323572	0	3	4 FALSE	MIGA1
15074	3.090507	0.000901	0.323572	0	3	4 FALSE	PABPC1
15093	3.02341	0.000972	0.330752	0	3	4 FALSE	PHF12
15130	3.47318	0.000775	0.287921	0	3	4 FALSE	PRPS1
15176	3.548756	0.000403	0.281789	0	3	4 FALSE	RGS9BP
15180	3.548756	0.000403	0.281789	0	3	4 FALSE	RHPN2
15202	3.153917	0.000818	0.317066	0	3	4 FALSE	S1PR2
15218	3.497512	0.000753	0.285918	0	3	4 FALSE	SH2B3
15220	3.56129	0.000622	0.280797	0	3	4 FALSE	SHOC2
15263	3.548756	0.000699	0.281789	0	3	4 FALSE	SRPX2
15269	3.555392	0.000663	0.281263	0	3	4 FALSE	SSBP2
15302	3.153917	0.000818	0.317066	0	3	4 FALSE	TANGO2
15309	3.425622	0.000658	0.291918	0	3	4 FALSE	TFDP2
15336	3.497512	0.000753	0.285918	0	3	4 FALSE	TMEM170A
15397	3.505991	0.000695	0.285226	0	3	4 FALSE	UBXN2A
15403	3.432995	0.000593	0.291291	0	3	4 FALSE	UHRF1BP1
15412	3.465438	0.000573	0.288564	0	3	4 FALSE	VGLL3
15425	3.730138	0.000528	0.268087	0	3	4 FALSE	XKR4
15465	3.388018	0.000668	0.295158	0	3	4 FALSE	ZNF43
15480	3.465438	0.000573	0.288564	0	3	4 FALSE	ZNF573
15521	3.261198	0.000472	0.306636	0	3	4 FALSE	ABL2
15552	3.443687	0.000198	0.290386	0	3	4 FALSE	AKAP8
15560	3.443687	0.000198	0.290386	0	3	4 FALSE	ALG10B
15575	2.979539	0.000548	0.335622	0	3	4 FALSE	ANKRD12
15588	2.979539	0.000548	0.335622	0	3	4 FALSE	AP2B1
15602	3.128848	0.000377	0.319606	0	3	4 FALSE	ARL8B
15606	3.347097	0.000334	0.298766	0	3	4 FALSE	ARPC5
15636	3.018986	0.000527	0.331237	0	3	4 FALSE	ATXN7L3B
15644	3.381014	0.000826	0.295769	0	3	4 FALSE	BBC3
15660	2.979539	0.000548	0.335622	0	3	4 FALSE	BRAF
15666	3.077972	0.000512	0.324889	0	3	4 FALSE	BTF3L4
15669	3.310599	0.000426	0.30206	0	3	4 FALSE	C11orf68
15691	3.310599	0.000426	0.30206	0	3	4 FALSE	CALM3
15712	3.443687	0.000198	0.290386	0	3	4 FALSE	CCDC117
15734	3.443687	0.000198	0.290386	0	3	4 FALSE	CD84
15736	3.443687	0.000198	0.290386	0	3	4 FALSE	CDC25B
15741	3.443687	0.000198	0.290386	0	3	4 FALSE	CDC73
15743	3.327558	0.000448	0.300521	0	3	4 FALSE	CDK4
15759	2.957788	0.000551	0.33809	0	3	4 FALSE	CHERP
15761	3.418618	0.00037	0.292516	0	3	4 FALSE	CHPF2
15784	2.979539	0.000548	0.335622	0	3	4 FALSE	COL3A1

15803	3.00682	0.000388	0.332577	0	3	4 FALSE	CREB3L2
15805	2.957788	0.000551	0.33809	0	3	4 FALSE	CREBRF
15812	3.375484	0.00043	0.296254	0	3	4 FALSE	CRTC3
15872	3.545069	0.000558	0.282082	0	3	4 FALSE	DNTTIP2
15966	2.979539	0.000548	0.335622	0	3	4 FALSE	FAM46C
15986	2.957788	0.000551	0.33809	0	3	4 FALSE	FGFR10P
16005	3.261198	0.000472	0.306636	0	3	4 FALSE	FSCN1
16037	3.409401	0.000504	0.293307	0	3	4 FALSE	GJD2
16052	3.018986	0.000527	0.331237	0	3	4 FALSE	GNB2L1
16080	3.443687	0.000198	0.290386	0	3	4 FALSE	HAAO
16132	3.443687	0.000198	0.290386	0	3	4 FALSE	HYOU1
16145	3.400922	0.000504	0.294038	0	3	4 FALSE	IGFBP5
16159	2.979539	0.000548	0.335622	0	3	4 FALSE	IRS1
16161	3.443687	0.000198	0.290386	0	3	4 FALSE	ISG20L2
16163	2.979539	0.000548	0.335622	0	3	4 FALSE	ITGB1
16167	2.979539	0.000548	0.335622	0	3	4 FALSE	IVNS1ABP
16173	3.018986	0.000527	0.331237	0	3	4 FALSE	JARID2
16217	3.310599	0.000426	0.30206	0	3	4 FALSE	KMT2D
16235	3.424147	0.000358	0.292044	0	3	4 FALSE	LIMK1
16325	3.443687	0.000198	0.290386	0	3	4 FALSE	MOB1A
16372	3.561659	0.00043	0.280768	0	3	4 FALSE	NLGN2
16404	3.443687	0.000198	0.290386	0	3	4 FALSE	NUP153
16421	3.018986	0.000527	0.331237	0	3	4 FALSE	PACS1
16423	2.957788	0.000551	0.33809	0	3	4 FALSE	PAFAH1B2
16444	3.347097	0.000334	0.298766	0	3	4 FALSE	PDGFRA
16448	3.443687	0.000198	0.290386	0	3	4 FALSE	PDP1
16472	2.957788	0.000551	0.33809	0	3	4 FALSE	PLAU
16512	2.957788	0.000551	0.33809	0	3	4 FALSE	PROSER1
16528	2.979539	0.000548	0.335622	0	3	4 FALSE	PTP4A1
16590	3.117419	0.000532	0.320778	0	3	4 FALSE	RICTOR
16599	3.060277	0.000841	0.326768	0	3	4 FALSE	RNF125
16651	3.327558	0.000448	0.300521	0	3	4 FALSE	SERPINE1
16730	2.979539	0.000548	0.335622	0	3	4 FALSE	SON
16739	3.261198	0.000472	0.306636	0	3	4 FALSE	SPTBN1
16750	3.443687	0.000198	0.290386	0	3	4 FALSE	SRSF11
16757	3.281106	0.00034	0.304775	0	3	4 FALSE	STRAP
16784	3.443687	0.000198	0.290386	0	3	4 FALSE	TCF20
16805	2.996498	0.000421	0.333723	0	3	4 FALSE	TLR2
16812	3.115207	0.000475	0.321006	0	3	4 FALSE	TMED2
16815	3.443687	0.000198	0.290386	0	3	4 FALSE	TMEM101
16825	3.443687	0.000198	0.290386	0	3	4 FALSE	TMEM214
16827	3.018986	0.000527	0.331237	0	3	4 FALSE	TMEM245
16829	3.117419	0.000532	0.320778	0	3	4 FALSE	TMEM248
16837	2.979539	0.000548	0.335622	0	3	4 FALSE	TNFAIP3
16847	3.381014	0.000826	0.295769	0	3	4 FALSE	TPM3
16903	3.443687	0.000198	0.290386	0	3	4 FALSE	USP54
16958	2.957788	0.000551	0.33809	0	3	4 FALSE	ZBTB37

16975	3.080922	0.000571	0.324578	0	3	4 FALSE	ZFAND5
16990	3.018986	0.000527	0.331237	0	3	4 FALSE	ZMYND11
17000	3.413088	0.000344	0.29299	0	3	4 FALSE	ZNF281
17007	3.456221	0.000607	0.289333	0	3	4 FALSE	ZNF426
17065	3.688479	0.000137	0.271114	0	3	4 FALSE	CDC23
17078	3.176774	0.00039	0.314785	0	3	4 FALSE	COL1A2
17098	3.176774	0.00039	0.314785	0	3	4 FALSE	FN1
17104	3.176774	0.00039	0.314785	0	3	4 FALSE	GDA
17111	3.692903	0.000191	0.27079	0	3	4 FALSE	GLUD2
17131	3.203318	0.000293	0.312176	0	3	4 FALSE	MACF1
17144	3.675207	0.000242	0.272093	0	3	4 FALSE	OGT
17159	3.698433	0.000304	0.270385	0	3	4 FALSE	POTED
17194	3.176774	0.00039	0.314785	0	3	4 FALSE	SLC6A8
17199	3.617696	0.00032	0.276419	0	3	4 FALSE	SOD2
17213	3.203318	0.000293	0.312176	0	3	4 FALSE	TPM1
17226	3.688479	0.000137	0.271114	0	3	4 FALSE	ZC3H10
17298	3.558341	0.000425	0.28103	0	3	4 FALSE	APOPT1
17332	3.171982	0.000535	0.31526	0	3	4 FALSE	BMP2
17361	3.079816	0.000509	0.324695	0	3	4 FALSE	CAV1
17376	3.079816	0.000509	0.324695	0	3	4 FALSE	CCPG1
17453	3.181567	0.000426	0.314311	0	3	4 FALSE	CUL5
17459	3.443318	0.000441	0.290418	0	3	4 FALSE	DDI2
17478	3.377327	0.000422	0.296092	0	3	4 FALSE	DLC1
17528	3.512627	0.000234	0.284687	0	3	4 FALSE	ERRFI1
17562	3.512627	0.000234	0.284687	0	3	4 FALSE	FLI1
17569	3.63318	0.000545	0.275241	0	3	4 FALSE	FOXK1
17726	3.171982	0.000535	0.31526	0	3	4 FALSE	LARP1
17730	3.017143	0.000562	0.331439	0	3	4 FALSE	LDLR
17746	3.504516	0.000449	0.285346	0	3	4 FALSE	LYPLA2
17811	3.079816	0.000509	0.324695	0	3	4 FALSE	MYC
17909	3.570507	0.000356	0.280072	0	3	4 FALSE	PDGFRB
17922	3.512627	0.000234	0.284687	0	3	4 FALSE	PLEKHM1
17930	3.377327	0.000422	0.296092	0	3	4 FALSE	PODXL
17954	3.512627	0.000234	0.284687	0	3	4 FALSE	PSMD3
17997	3.079816	0.000509	0.324695	0	3	4 FALSE	RNF24
18032	3.512627	0.000234	0.284687	0	3	4 FALSE	SERPINB9
18047	3.143594	0.000574	0.318107	0	3	4 FALSE	SIPA1L1
18060	3.512627	0.000234	0.284687	0	3	4 FALSE	SLC26A2
18096	3.409401	0.000365	0.293307	0	3	4 FALSE	SOX2
18115	3.017143	0.000562	0.331439	0	3	4 FALSE	SREBF1
18122	3.512627	0.000234	0.284687	0	3	4 FALSE	STAT1
18124	3.653456	0.000385	0.273713	0	3	4 FALSE	STAT3
18140	3.017143	0.000562	0.331439	0	3	4 FALSE	TACC1
18243	3.512627	0.000234	0.284687	0	3	4 FALSE	UTP15
18267	3.649401	0.000608	0.274018	0	3	4 FALSE	YES1
18273	3.512627	0.000234	0.284687	0	3	4 FALSE	ZBTB33
18301	3.079816	0.000509	0.324695	0	3	4 FALSE	ZNF644

18306	3.079816	0.000509	0.324695	0	3	4 FALSE	ZNF772
18310	3.512627	0.000234	0.284687	0	3	4 FALSE	ZSWIM4
18316	3.712811	0.000279	0.269338	0	3	4 FALSE	ABL1
18325	3.490876	0.000212	0.286461	0	3	4 FALSE	ACTL6A
18330	3.644608	0.000195	0.274378	0	3	4 FALSE	ADD1
18332	3.18894	0.000219	0.313584	0	3	4 FALSE	AEN
18353	3.18894	0.000219	0.313584	0	3	4 FALSE	AP3S2
18370	3.18894	0.000219	0.313584	0	3	4 FALSE	ATP11B
18374	3.490876	0.000212	0.286461	0	3	4 FALSE	ATP5G2
18389	3.490876	0.000212	0.286461	0	3	4 FALSE	BAZ1A
18395	3.18894	0.000219	0.313584	0	3	4 FALSE	BCL7B
18407	3.18894	0.000219	0.313584	0	3	4 FALSE	BRK1
18409	3.490876	0.000212	0.286461	0	3	4 FALSE	BRMS1L
18415	3.490876	0.000212	0.286461	0	3	4 FALSE	BTN2A2
18417	3.18894	0.000219	0.313584	0	3	4 FALSE	C12orf4
18422	3.18894	0.000219	0.313584	0	3	4 FALSE	C17orf51
18426	3.18894	0.000219	0.313584	0	3	4 FALSE	C1RL
18428	3.18894	0.000219	0.313584	0	3	4 FALSE	CALU
18433	3.634654	0.000323	0.275129	0	3	4 FALSE	CARD8
18450	3.18894	0.000219	0.313584	0	3	4 FALSE	CCNB1
18474	3.56682	0.000192	0.280362	0	3	4 FALSE	CDS2
18480	3.18894	0.000219	0.313584	0	3	4 FALSE	CHMP4B
18482	3.634654	0.000323	0.275129	0	3	4 FALSE	CLASP1
18486	3.18894	0.000219	0.313584	0	3	4 FALSE	CMC2
18509	3.490876	0.000212	0.286461	0	3	4 FALSE	CYBRD1
18518	3.18894	0.000219	0.313584	0	3	4 FALSE	DCUN1D4
18520	3.18894	0.000219	0.313584	0	3	4 FALSE	DDHD1
18537	3.18894	0.000219	0.313584	0	3	4 FALSE	DKC1
18547	3.18894	0.000219	0.313584	0	3	4 FALSE	EDARADD
18556	3.031521	0.00043	0.329867	0	3	4 FALSE	ELAVL1
18607	3.18894	0.000219	0.313584	0	3	4 FALSE	GART
18615	3.490876	0.000212	0.286461	0	3	4 FALSE	GNAI2
18623	3.698433	0.000196	0.270385	0	3	4 FALSE	GPRIN2
18649	3.18894	0.000219	0.313584	0	3	4 FALSE	HM13
18683	3.031521	0.00043	0.329867	0	3	4 FALSE	IFITM1
18688	3.490876	0.000212	0.286461	0	3	4 FALSE	IGF2BP1
18692	3.18894	0.000219	0.313584	0	3	4 FALSE	IL1RAP
18698	3.711336	0.000156	0.269445	0	3	4 FALSE	ING3
18727	3.56682	0.000192	0.280362	0	3	4 FALSE	KBTBD6
18746	3.18894	0.000219	0.313584	0	3	4 FALSE	KLHL20
18748	3.18894	0.000219	0.313584	0	3	4 FALSE	KLHL42
18757	3.644608	0.000195	0.274378	0	3	4 FALSE	LATS1
18763	3.56682	0.000192	0.280362	0	3	4 FALSE	LIMD2
18771	3.18894	0.000219	0.313584	0	3	4 FALSE	LMTK2
18779	3.18894	0.000219	0.313584	0	3	4 FALSE	LSM4
18786	3.56682	0.000192	0.280362	0	3	4 FALSE	MAML1
18792	3.18894	0.000219	0.313584	0	3	4 FALSE	MAPRE3

18797	3.18894	0.000219	0.313584	0	3	4 FALSE	MDFIC
18812	3.18894	0.000219	0.313584	0	3	4 FALSE	MID1
18847	3.18894	0.000219	0.313584	0	3	4 FALSE	NACC2
18851	3.18894	0.000219	0.313584	0	3	4 FALSE	NCAPG2
18855	3.18894	0.000219	0.313584	0	3	4 FALSE	NF1
18859	3.56682	0.000192	0.280362	0	3	4 FALSE	NFE2L1
18875	3.65235	0.000206	0.273796	0	3	4 FALSE	NSL1
18881	3.18894	0.000219	0.313584	0	3	4 FALSE	NUPL1
18896	3.18894	0.000219	0.313584	0	3	4 FALSE	OTUD1
18907	3.698433	0.000196	0.270385	0	3	4 FALSE	PAPD5
18910	3.18894	0.000219	0.313584	0	3	4 FALSE	PARD6B
18917	3.18894	0.000219	0.313584	0	3	4 FALSE	PDS5A
18935	3.634654	0.000323	0.275129	0	3	4 FALSE	PLEKHG5
18942	3.490876	0.000212	0.286461	0	3	4 FALSE	POLR2E
18944	3.65235	0.000206	0.273796	0	3	4 FALSE	POU3F1
18951	3.18894	0.000219	0.313584	0	3	4 FALSE	PPP2R4
18966	3.18894	0.000219	0.313584	0	3	4 FALSE	PTAR1
18974	3.18894	0.000219	0.313584	0	3	4 FALSE	PWP2
18976	3.18894	0.000219	0.313584	0	3	4 FALSE	RAB18
19010	3.634654	0.000323	0.275129	0	3	4 FALSE	RHBDD1
19030	3.18894	0.000219	0.313584	0	3	4 FALSE	RPS3
19058	3.490876	0.000212	0.286461	0	3	4 FALSE	SF1
19063	3.18894	0.000219	0.313584	0	3	4 FALSE	SHCBP1
19088	3.18894	0.000219	0.313584	0	3	4 FALSE	SLFN11
19110	3.56682	0.000192	0.280362	0	3	4 FALSE	SPEN
19124	3.490876	0.000212	0.286461	0	3	4 FALSE	STARD7
19127	3.18894	0.000219	0.313584	0	3	4 FALSE	STAT5B
19129	3.56682	0.000192	0.280362	0	3	4 FALSE	STC1
19154	3.56682	0.000192	0.280362	0	3	4 FALSE	TFG
19170	3.490876	0.000212	0.286461	0	3	4 FALSE	TMEM164
19196	3.65235	0.000206	0.273796	0	3	4 FALSE	TRAF6
19278	3.18894	0.000219	0.313584	0	3	4 FALSE	ZNF738
19284	3.18894	0.000219	0.313584	0	3	4 FALSE	ZNF92
19335	3.587465	0.000256	0.278748	0	3	4 FALSE	ATXN2L
19365	3.042581	0.000395	0.328668	0	3	4 FALSE	CAMTA1
19480	3.527373	0.000324	0.283497	0	3	4 FALSE	FBRS
19484	3.167189	0.000363	0.315737	0	3	4 FALSE	FBXO28
19883	3.211429	0.00035	0.311388	0	3	4 FALSE	TRPS1
19915	3.107465	0.000361	0.321806	0	3	4 FALSE	ZBTB47
20239	3.117419	0.00051	0.320778	0	3	4 FALSE	C5orf24
20260	3.340092	0.000333	0.299393	0	3	4 FALSE	CAB39
20342	3.062488	0.000489	0.326532	0	3	4 FALSE	CDKN1B
20521	3.117419	0.00051	0.320778	0	3	4 FALSE	DEF8
20780	3.062488	0.000489	0.326532	0	3	4 FALSE	FICD
20918	3.100461	0.000852	0.322533	0	3	4 FALSE	HECTD3
20922	3.308756	0.000675	0.302228	0	3	4 FALSE	HIC1
21063	3.226175	0.000422	0.309965	0	3	4 FALSE	KIAA0907



21099	3.159447	0.000433	0.316511	0	3	4 FALSE	KMT2A
21271	3.122949	0.000556	0.32021	0	3	4 FALSE	MNT
21290	3.23023	0.000423	0.309575	0	3	4 FALSE	MTF1
21315	3.062488	0.000489	0.326532	0	3	4 FALSE	MYH9
21343	3.282581	0.000492	0.304638	0	3	4 FALSE	NCOA3
21463	3.23023	0.000423	0.309575	0	3	4 FALSE	PCGF2
21626	3.117419	0.00051	0.320778	0	3	4 FALSE	PRR14L
21636	3.149124	0.000594	0.317549	0	3	4 FALSE	PRUNE2
21642	3.062488	0.000489	0.326532	0	3	4 FALSE	PSME3
21690	3.288479	0.000499	0.304092	0	3	4 FALSE	RACGAP1
21741	3.310599	0.00041	0.30206	0	3	4 FALSE	REST
21749	3.275945	0.000578	0.305255	0	3	4 FALSE	RHOB
21839	3.183779	0.000496	0.314092	0	3	4 FALSE	SCD
22086	3.299539	0.000439	0.303073	0	3	4 FALSE	TBC1D13
22186	3.190415	0.000508	0.313439	0	3	4 FALSE	TNPO2
22205	3.062488	0.000489	0.326532	0	3	4 FALSE	TPRG1L
22313	3.240553	0.000322	0.308589	0	3	4 FALSE	VPS37B
22585	3.772166	0.000186	0.2651	0	3	4 FALSE	RDH11
22619	3.772903	0.000254	0.265048	0	3	4 FALSE	TRPV2
23050	3.536959	0.000458	0.282729	0	3	4 FALSE	MYL6
23064	3.505622	0.000411	0.285256	0	3	4 FALSE	NID1
23201	3.505622	0.000411	0.285256	0	3	4 FALSE	SLC4A2
23308	3.56424	0.000318	0.280565	0	3	4 FALSE	VAV3
23432	3.792811	0.000311	0.263657	0	3	4 FALSE	CYP20A1
23672	3.794654	0.000312	0.263529	0	3	4 FALSE	TRIM59
24022	3.686267	0.000267	0.271277	0	3	4 FALSE	U2AF2
11820	3.034839	0.000153	0.329507	0	2	4 FALSE	11-Sep
11822	3.280737	0.000183	0.30481	0	2	4 FALSE	2-Sep
11824	3.034839	0.000153	0.329507	0	2	4 FALSE	7-Mar
11826	3.034839	0.000153	0.329507	0	2	4 FALSE	7-Sep
11856	3.034839	0.000153	0.329507	0	2	4 FALSE	ADNP
11860	3.280737	0.000183	0.30481	0	2	4 FALSE	ADO
11862	3.034839	0.000153	0.329507	0	2	4 FALSE	ADRB1
11864	3.430415	0.000115	0.29151	0	2	4 FALSE	AEBP2
11874	3.280737	0.000183	0.30481	0	2	4 FALSE	AGO4
11878	3.430415	0.000115	0.29151	0	2	4 FALSE	AK6
11880	3.240184	0.000173	0.308624	0	2	4 FALSE	AKAP11
11882	3.327189	9.97E-05	0.300554	0	2	4 FALSE	AKT3
11884	3.32977	0.000322	0.300321	0	2	4 FALSE	ALG14
11892	3.409032	0.000286	0.293338	0	2	4 FALSE	ANKDD1A
11894	3.280737	0.000183	0.30481	0	2	4 FALSE	ANKFY1
11896	3.240184	0.000173	0.308624	0	2	4 FALSE	ANKRD11
11900	3.32977	0.000322	0.300321	0	2	4 FALSE	ANKRD42
11904	3.034839	0.000153	0.329507	0	2	4 FALSE	ANLN
11906	3.461382	0.00011	0.288902	0	2	4 FALSE	ANO6
11908	3.280737	0.000183	0.30481	0	2	4 FALSE	ANP32E
11920	3.424885	0.000206	0.291981	0	2	4 FALSE	APLP2

11924	3.034839	0.000153	0.329507	0	2	4 FALSE	APP
11928	3.034839	0.000153	0.329507	0	2	4 FALSE	ARAP2
11932	3.034839	0.000153	0.329507	0	2	4 FALSE	AREL1
11936	3.305438	0.000177	0.302532	0	2	4 FALSE	ARF6
11940	3.034839	0.000153	0.329507	0	2	4 FALSE	ARHGAP12
11944	3.240184	0.000173	0.308624	0	2	4 FALSE	ARHGAP18
11946	3.034839	0.000153	0.329507	0	2	4 FALSE	ARHGAP5
11952	3.034839	0.000153	0.329507	0	2	4 FALSE	ARID1A
11964	3.32977	0.000322	0.300321	0	2	4 FALSE	ARL5A
11966	3.352258	0.000159	0.298306	0	2	4 FALSE	ARNTL2
11970	3.280737	0.000183	0.30481	0	2	4 FALSE	ASAP1
11972	3.240184	0.000173	0.308624	0	2	4 FALSE	ASCC3
11978	3.240184	0.000173	0.308624	0	2	4 FALSE	ATF7IP
11986	3.305438	0.000177	0.302532	0	2	4 FALSE	ATM
11992	3.034839	0.000153	0.329507	0	2	4 FALSE	ATP2B1
12002	3.280737	0.000183	0.30481	0	2	4 FALSE	ATP6V1A
12004	3.034839	0.000153	0.329507	0	2	4 FALSE	ATRX
12006	3.034839	0.000153	0.329507	0	2	4 FALSE	ATXN1
12010	3.240184	0.000173	0.308624	0	2	4 FALSE	ATXN7L3
12016	3.034839	0.000153	0.329507	0	2	4 FALSE	B3GALNT2
12018	3.430415	0.000115	0.29151	0	2	4 FALSE	B4GALT6
12026	3.034839	0.000153	0.329507	0	2	4 FALSE	BBX
12030	3.034839	0.000153	0.329507	0	2	4 FALSE	BCL2L11
12034	3.424885	0.000206	0.291981	0	2	4 FALSE	BCL9L
12036	3.280737	0.000183	0.30481	0	2	4 FALSE	BCOR
12038	3.305438	0.000177	0.302532	0	2	4 FALSE	BDP1
12048	3.034839	0.000153	0.329507	0	2	4 FALSE	BIRC6
12052	3.280737	0.000183	0.30481	0	2	4 FALSE	BMP2K
12080	3.430415	0.000115	0.29151	0	2	4 FALSE	C16orf87
12090	3.034839	0.000153	0.329507	0	2	4 FALSE	C21orf91
12098	3.034839	0.000153	0.329507	0	2	4 FALSE	C6orf62
12116	3.034839	0.000153	0.329507	0	2	4 FALSE	CACUL1
12118	3.280737	0.000183	0.30481	0	2	4 FALSE	CADM1
12120	3.034839	0.000153	0.329507	0	2	4 FALSE	CALM2
12124	3.034839	0.000153	0.329507	0	2	4 FALSE	CAMSAP2
12132	3.034839	0.000153	0.329507	0	2	4 FALSE	CASP3
12134	3.32977	0.000322	0.300321	0	2	4 FALSE	CBFA2T2
12138	3.280737	0.000183	0.30481	0	2	4 FALSE	CBX4
12142	3.32977	0.000322	0.300321	0	2	4 FALSE	CCDC113
12144	3.409032	0.000286	0.293338	0	2	4 FALSE	CCDC125
12154	3.409032	0.000286	0.293338	0	2	4 FALSE	CCNF
12158	3.240184	0.000173	0.308624	0	2	4 FALSE	CCNI
12168	3.409032	0.000286	0.293338	0	2	4 FALSE	CD180
12170	3.034839	0.000153	0.329507	0	2	4 FALSE	CD200R1
12172	3.430415	0.000115	0.29151	0	2	4 FALSE	CD2AP
12178	3.034839	0.000153	0.329507	0	2	4 FALSE	CD46
12186	3.32129	0.000115	0.301088	0	2	4 FALSE	CD86

12188	3.280737	0.000183	0.30481	0	2	4 FALSE	CDC123
12192	3.409032	0.000286	0.293338	0	2	4 FALSE	CDC42EP4
12194	3.352258	0.000159	0.298306	0	2	4 FALSE	CDC42SE2
12196	3.240184	0.000173	0.308624	0	2	4 FALSE	CDC7
12198	3.305438	0.000177	0.302532	0	2	4 FALSE	CDH2
12220	3.034839	0.000153	0.329507	0	2	4 FALSE	CEP350
12224	3.352258	0.000159	0.298306	0	2	4 FALSE	CERS2
12226	3.034839	0.000153	0.329507	0	2	4 FALSE	CFL2
12230	3.034839	0.000153	0.329507	0	2	4 FALSE	CGGBP1
12236	3.466175	0.000141	0.288502	0	2	4 FALSE	CHD7
12240	3.280737	0.000183	0.30481	0	2	4 FALSE	CHMP3
12256	3.034839	0.000153	0.329507	0	2	4 FALSE	CLASP2
12262	3.430415	0.000115	0.29151	0	2	4 FALSE	CLDND1
12288	3.32129	0.000115	0.301088	0	2	4 FALSE	COPS8
12290	3.034839	0.000153	0.329507	0	2	4 FALSE	COX10
12306	3.327189	9.97E-05	0.300554	0	2	4 FALSE	CPSF2
12308	3.327189	9.97E-05	0.300554	0	2	4 FALSE	CPSF6
12310	3.240184	0.000173	0.308624	0	2	4 FALSE	CREBZF
12312	3.458433	0.000186	0.289148	0	2	4 FALSE	CRK
12318	3.034839	0.000153	0.329507	0	2	4 FALSE	CSNK1A1
12320	3.327189	9.97E-05	0.300554	0	2	4 FALSE	CSNK1D
12326	3.305438	0.000177	0.302532	0	2	4 FALSE	CTDSPL2
12328	3.305438	0.000177	0.302532	0	2	4 FALSE	CTNNB1
12330	3.305438	0.000177	0.302532	0	2	4 FALSE	CTR9
12332	3.034839	0.000153	0.329507	0	2	4 FALSE	CUL4B
12334	3.034839	0.000153	0.329507	0	2	4 FALSE	CUX1
12340	3.034839	0.000153	0.329507	0	2	4 FALSE	DAG1
12344	3.466175	0.000141	0.288502	0	2	4 FALSE	DCAF12
12348	3.034839	0.000153	0.329507	0	2	4 FALSE	DCAF13
12352	3.034839	0.000153	0.329507	0	2	4 FALSE	DCBLD2
12358	3.280737	0.000183	0.30481	0	2	4 FALSE	DCTD
12360	3.034839	0.000153	0.329507	0	2	4 FALSE	DCUN1D1
12362	3.034839	0.000153	0.329507	0	2	4 FALSE	DCUN1D3
12368	3.034839	0.000153	0.329507	0	2	4 FALSE	DDX1
12374	3.034839	0.000153	0.329507	0	2	4 FALSE	DEGS1
12384	3.430415	0.000115	0.29151	0	2	4 FALSE	DHX15
12386	3.034839	0.000153	0.329507	0	2	4 FALSE	DHX33
12402	3.034839	0.000153	0.329507	0	2	4 FALSE	DLG5
12406	3.034839	0.000153	0.329507	0	2	4 FALSE	DNAJA1
12412	3.034839	0.000153	0.329507	0	2	4 FALSE	DNAJC7
12416	3.240184	0.000173	0.308624	0	2	4 FALSE	DNMT3A
12424	3.240184	0.000173	0.308624	0	2	4 FALSE	DST
12428	3.32129	0.000115	0.301088	0	2	4 FALSE	DUSP1
12430	3.034839	0.000153	0.329507	0	2	4 FALSE	DYNC1LI2
12442	3.034839	0.000153	0.329507	0	2	4 FALSE	EDEM1
12452	3.240184	0.000173	0.308624	0	2	4 FALSE	EFCAB14
12464	3.034839	0.000153	0.329507	0	2	4 FALSE	EIF4A2

12468	3.240184	0.000173	0.308624	0	2	4 FALSE	EIF5
12474	3.240184	0.000173	0.308624	0	2	4 FALSE	ELK3
12482	3.424885	0.000206	0.291981	0	2	4 FALSE	EN2
12490	3.034839	0.000153	0.329507	0	2	4 FALSE	EPC1
12498	3.280737	0.000183	0.30481	0	2	4 FALSE	ERLIN2
12500	3.430415	0.000115	0.29151	0	2	4 FALSE	ERO1L
12504	3.430415	0.000115	0.29151	0	2	4 FALSE	ETF1
12514	3.458433	0.000186	0.289148	0	2	4 FALSE	EXOC8
12518	3.034839	0.000153	0.329507	0	2	4 FALSE	EXTL3
12524	3.034839	0.000153	0.329507	0	2	4 FALSE	EZH2
12542	3.034839	0.000153	0.329507	0	2	4 FALSE	FAM46A
12544	3.034839	0.000153	0.329507	0	2	4 FALSE	FAM69A
12552	3.280737	0.000183	0.30481	0	2	4 FALSE	FAM84B
12562	3.32129	0.000115	0.301088	0	2	4 FALSE	FANCM
12564	3.034839	0.000153	0.329507	0	2	4 FALSE	FAR1
12574	3.034839	0.000153	0.329507	0	2	4 FALSE	FBN2
12580	3.034839	0.000153	0.329507	0	2	4 FALSE	FBXO11
12584	3.424885	0.000206	0.291981	0	2	4 FALSE	FBXW11
12594	3.469124	0.000166	0.288257	0	2	4 FALSE	FHL1
12608	3.409032	0.000286	0.293338	0	2	4 FALSE	FNIP1
12610	3.32129	0.000115	0.301088	0	2	4 FALSE	FOS
12616	3.430415	0.000115	0.29151	0	2	4 FALSE	FOXK2
12622	3.034839	0.000153	0.329507	0	2	4 FALSE	FRS2
12624	3.32977	0.000322	0.300321	0	2	4 FALSE	FUT11
12626	3.424885	0.000206	0.291981	0	2	4 FALSE	FXR2
12628	3.034839	0.000153	0.329507	0	2	4 FALSE	FYN
12632	3.352258	0.000159	0.298306	0	2	4 FALSE	FZR1
12636	3.034839	0.000153	0.329507	0	2	4 FALSE	G3BP2
12646	3.280737	0.000183	0.30481	0	2	4 FALSE	GCC1
12648	3.034839	0.000153	0.329507	0	2	4 FALSE	GCLC
12652	3.352258	0.000159	0.298306	0	2	4 FALSE	GCN1L1
12658	3.424885	0.000206	0.291981	0	2	4 FALSE	GFPT2
12668	3.034839	0.000153	0.329507	0	2	4 FALSE	GMEB2
12670	3.305438	0.000177	0.302532	0	2	4 FALSE	GMPS
12672	3.034839	0.000153	0.329507	0	2	4 FALSE	GNA13
12674	3.430415	0.000115	0.29151	0	2	4 FALSE	GNAI1
12690	3.327189	9.97E-05	0.300554	0	2	4 FALSE	GOLGA7
12694	3.327189	9.97E-05	0.300554	0	2	4 FALSE	GORASP2
12696	3.034839	0.000153	0.329507	0	2	4 FALSE	GPAM
12700	3.034839	0.000153	0.329507	0	2	4 FALSE	GPCPD1
12702	3.034839	0.000153	0.329507	0	2	4 FALSE	GPD2
12710	3.240184	0.000173	0.308624	0	2	4 FALSE	GPRC5A
12712	3.32977	0.000322	0.300321	0	2	4 FALSE	GRAMD1B
12716	3.034839	0.000153	0.329507	0	2	4 FALSE	GRIK3
12720	3.034839	0.000153	0.329507	0	2	4 FALSE	GRSF1
12722	3.034839	0.000153	0.329507	0	2	4 FALSE	GSE1
12726	3.034839	0.000153	0.329507	0	2	4 FALSE	GTF2A1

12730	3.32977	0.000322	0.300321	0	2	4 FALSE	GTF2E2
12744	3.305438	0.000177	0.302532	0	2	4 FALSE	HDAC2
12756	3.430415	0.000115	0.29151	0	2	4 FALSE	HELLS
12764	3.327189	9.97E-05	0.300554	0	2	4 FALSE	HIAT1
12766	3.305438	0.000177	0.302532	0	2	4 FALSE	HIATL1
12774	3.466175	0.000141	0.288502	0	2	4 FALSE	HIST1H4C
12778	3.461382	0.00011	0.288902	0	2	4 FALSE	HIVEP3
12782	3.240184	0.000173	0.308624	0	2	4 FALSE	HMGXB4
12786	3.430415	0.000115	0.29151	0	2	4 FALSE	HNRNPAO
12796	3.458433	0.000186	0.289148	0	2	4 FALSE	HNRNPH2
12802	3.352258	0.000159	0.298306	0	2	4 FALSE	HOXA10
12804	3.305438	0.000177	0.302532	0	2	4 FALSE	HOXA9
12808	3.034839	0.000153	0.329507	0	2	4 FALSE	HPRT1
12810	3.240184	0.000173	0.308624	0	2	4 FALSE	HSDL1
12812	3.352258	0.000159	0.298306	0	2	4 FALSE	HSP90AA1
12814	3.305438	0.000177	0.302532	0	2	4 FALSE	HSP90AB1
12818	3.352258	0.000159	0.298306	0	2	4 FALSE	HSPA13
12836	3.240184	0.000173	0.308624	0	2	4 FALSE	IER3
12842	3.32129	0.000115	0.301088	0	2	4 FALSE	IFITM3
12858	3.034839	0.000153	0.329507	0	2	4 FALSE	INA
12874	3.305438	0.000177	0.302532	0	2	4 FALSE	ITGA3
12884	3.034839	0.000153	0.329507	0	2	4 FALSE	JAZF1
12896	3.034839	0.000153	0.329507	0	2	4 FALSE	KBTBD2
12900	3.034839	0.000153	0.329507	0	2	4 FALSE	KCNQ5
12904	3.430415	0.000115	0.29151	0	2	4 FALSE	KCTD2
12914	3.352258	0.000159	0.298306	0	2	4 FALSE	KIAA0319L
12922	3.034839	0.000153	0.329507	0	2	4 FALSE	KIAA1598
12924	3.034839	0.000153	0.329507	0	2	4 FALSE	KIAA2026
12926	3.034839	0.000153	0.329507	0	2	4 FALSE	KIF13A
12928	3.327189	9.97E-05	0.300554	0	2	4 FALSE	KIF1B
12936	3.305438	0.000177	0.302532	0	2	4 FALSE	KLC1
12940	3.034839	0.000153	0.329507	0	2	4 FALSE	KLF12
12942	3.034839	0.000153	0.329507	0	2	4 FALSE	KLF3
12944	3.034839	0.000153	0.329507	0	2	4 FALSE	KLF6
12950	3.327189	9.97E-05	0.300554	0	2	4 FALSE	KMT2E
12960	3.469124	0.000166	0.288257	0	2	4 FALSE	L2HGDH
12962	3.32977	0.000322	0.300321	0	2	4 FALSE	LANCL3
12984	3.280737	0.000183	0.30481	0	2	4 FALSE	LIN7C
12998	3.034839	0.000153	0.329507	0	2	4 FALSE	LPGAT1
13000	3.034839	0.000153	0.329507	0	2	4 FALSE	LPHN2
13004	3.32977	0.000322	0.300321	0	2	4 FALSE	LRIF1
13014	3.034839	0.000153	0.329507	0	2	4 FALSE	LTN1
13024	3.280737	0.000183	0.30481	0	2	4 FALSE	MAFK
13028	3.240184	0.000173	0.308624	0	2	4 FALSE	MAGT1
13032	3.32977	0.000322	0.300321	0	2	4 FALSE	MAML3
13038	3.352258	0.000159	0.298306	0	2	4 FALSE	MAP2K1
13042	3.034839	0.000153	0.329507	0	2	4 FALSE	MAP3K2

13048	3.034839	0.000153	0.329507	0	2	4 FALSE	MAP3K9
13056	3.034839	0.000153	0.329507	0	2	4 FALSE	MAPK1IP1
13058	3.280737	0.000183	0.30481	0	2	4 FALSE	MAPK6
13060	3.352258	0.000159	0.298306	0	2	4 FALSE	MARCKSL1
13068	3.240184	0.000173	0.308624	0	2	4 FALSE	MATR3
13070	3.034839	0.000153	0.329507	0	2	4 FALSE	MAVS
13078	3.034839	0.000153	0.329507	0	2	4 FALSE	MBNL1
13080	3.034839	0.000153	0.329507	0	2	4 FALSE	MBNL2
13084	3.034839	0.000153	0.329507	0	2	4 FALSE	MCC
13088	3.280737	0.000183	0.30481	0	2	4 FALSE	MCTS1
13094	3.32977	0.000322	0.300321	0	2	4 FALSE	MED17
13098	3.034839	0.000153	0.329507	0	2	4 FALSE	MEF2A
13108	3.352258	0.000159	0.298306	0	2	4 FALSE	MET
13110	3.409032	0.000286	0.293338	0	2	4 FALSE	METTL14
13114	3.034839	0.000153	0.329507	0	2	4 FALSE	MEX3B
13118	3.034839	0.000153	0.329507	0	2	4 FALSE	MFF
13122	3.240184	0.000173	0.308624	0	2	4 FALSE	MGARP
13124	3.034839	0.000153	0.329507	0	2	4 FALSE	MGAT4A
13132	3.240184	0.000173	0.308624	0	2	4 FALSE	MITF
13136	3.034839	0.000153	0.329507	0	2	4 FALSE	MKL2
13142	3.034839	0.000153	0.329507	0	2	4 FALSE	MLEC
13144	3.034839	0.000153	0.329507	0	2	4 FALSE	MLK4
13150	3.32977	0.000322	0.300321	0	2	4 FALSE	MMS22L
13162	3.430415	0.000115	0.29151	0	2	4 FALSE	MORC3
13164	3.466175	0.000141	0.288502	0	2	4 FALSE	MPHOSPH
13170	3.034839	0.000153	0.329507	0	2	4 FALSE	MPRIP
13172	3.466175	0.000141	0.288502	0	2	4 FALSE	MRFAP1
13190	3.305438	0.000177	0.302532	0	2	4 FALSE	MSN
13192	3.034839	0.000153	0.329507	0	2	4 FALSE	MTF2
13196	3.034839	0.000153	0.329507	0	2	4 FALSE	MTMR4
13198	3.034839	0.000153	0.329507	0	2	4 FALSE	MTMR6
13212	3.461382	0.00011	0.288902	0	2	4 FALSE	MYO1B
13214	3.305438	0.000177	0.302532	0	2	4 FALSE	MYO5A
13218	3.352258	0.000159	0.298306	0	2	4 FALSE	MYPOP
13220	3.430415	0.000115	0.29151	0	2	4 FALSE	N4BP1
13224	3.305438	0.000177	0.302532	0	2	4 FALSE	NAA30
13226	3.280737	0.000183	0.30481	0	2	4 FALSE	NACA
13246	3.409032	0.000286	0.293338	0	2	4 FALSE	NDEL1
13264	3.034839	0.000153	0.329507	0	2	4 FALSE	NFIB
13266	3.280737	0.000183	0.30481	0	2	4 FALSE	NHLRC2
13270	3.352258	0.000159	0.298306	0	2	4 FALSE	NISCH
13282	3.32129	0.000115	0.301088	0	2	4 FALSE	NMI
13296	3.32977	0.000322	0.300321	0	2	4 FALSE	NR2F6
13298	3.482028	0.000101	0.287189	0	2	4 FALSE	NR3C1
13304	3.305438	0.000177	0.302532	0	2	4 FALSE	NRP1
13324	3.034839	0.000153	0.329507	0	2	4 FALSE	NUS1
13336	3.409032	0.000286	0.293338	0	2	4 FALSE	OSMR

13354	3.32977	0.000322	0.300321	0	2	4 FALSE	PAK2
13370	3.352258	0.000159	0.298306	0	2	4 FALSE	PARVA
13376	3.034839	0.000153	0.329507	0	2	4 FALSE	PCDH10
13378	3.034839	0.000153	0.329507	0	2	4 FALSE	PCDH7
13382	3.034839	0.000153	0.329507	0	2	4 FALSE	PCGF5
13388	3.034839	0.000153	0.329507	0	2	4 FALSE	PDCD10
13396	3.430415	0.000115	0.29151	0	2	4 FALSE	PDK1
13398	3.034839	0.000153	0.329507	0	2	4 FALSE	PDLIM5
13400	3.034839	0.000153	0.329507	0	2	4 FALSE	PDXDC1
13418	3.305438	0.000177	0.302532	0	2	4 FALSE	PHACTR2
13420	3.034839	0.000153	0.329507	0	2	4 FALSE	PHF13
13422	3.034839	0.000153	0.329507	0	2	4 FALSE	PHF20
13426	3.034839	0.000153	0.329507	0	2	4 FALSE	PHIP
13434	3.034839	0.000153	0.329507	0	2	4 FALSE	PIK3CB
13436	3.409032	0.000286	0.293338	0	2	4 FALSE	PIK3CD
13438	3.034839	0.000153	0.329507	0	2	4 FALSE	PIKFYVE
13464	3.32977	0.000322	0.300321	0	2	4 FALSE	PLEKHA3
13470	3.240184	0.000173	0.308624	0	2	4 FALSE	PMP22
13490	3.482028	0.000101	0.287189	0	2	4 FALSE	PPARGC1B
13492	3.034839	0.000153	0.329507	0	2	4 FALSE	PPM1A
13498	3.352258	0.000159	0.298306	0	2	4 FALSE	PPP1CC
13508	3.034839	0.000153	0.329507	0	2	4 FALSE	PPP2R5A
13514	3.32977	0.000322	0.300321	0	2	4 FALSE	PPP3CB
13522	3.034839	0.000153	0.329507	0	2	4 FALSE	PPTC7
13524	3.034839	0.000153	0.329507	0	2	4 FALSE	PRC1
13526	3.305438	0.000177	0.302532	0	2	4 FALSE	PRDM1
13536	3.034839	0.000153	0.329507	0	2	4 FALSE	PRICKLE2
13538	3.32977	0.000322	0.300321	0	2	4 FALSE	PRIM1
13546	3.034839	0.000153	0.329507	0	2	4 FALSE	PRLR
13562	3.280737	0.000183	0.30481	0	2	4 FALSE	PSMB2
13568	3.240184	0.000173	0.308624	0	2	4 FALSE	PSPC1
13582	3.424885	0.000206	0.291981	0	2	4 FALSE	PTPN14
13592	3.034839	0.000153	0.329507	0	2	4 FALSE	PTX3
13596	3.034839	0.000153	0.329507	0	2	4 FALSE	PUM2
13618	3.034839	0.000153	0.329507	0	2	4 FALSE	RAB1A
13620	3.034839	0.000153	0.329507	0	2	4 FALSE	RAB21
13626	3.32977	0.000322	0.300321	0	2	4 FALSE	RAB3D
13630	3.034839	0.000153	0.329507	0	2	4 FALSE	RAB8B
13636	3.034839	0.000153	0.329507	0	2	4 FALSE	RAI1
13650	3.034839	0.000153	0.329507	0	2	4 FALSE	RAP2C
13652	3.034839	0.000153	0.329507	0	2	4 FALSE	RAPGEF6
13662	3.32977	0.000322	0.300321	0	2	4 FALSE	RASSF9
13668	3.32977	0.000322	0.300321	0	2	4 FALSE	RBM12B
13670	3.32977	0.000322	0.300321	0	2	4 FALSE	RBM22
13672	3.034839	0.000153	0.329507	0	2	4 FALSE	RBM25
13674	3.240184	0.000173	0.308624	0	2	4 FALSE	RBM27
13682	3.280737	0.000183	0.30481	0	2	4 FALSE	REEP5

13686	3.32977	0.000322	0.300321	0	2	4 FALSE	REPIN1
13692	3.352258	0.000159	0.298306	0	2	4 FALSE	RFX3
13718	3.034839	0.000153	0.329507	0	2	4 FALSE	RNF111
13722	3.034839	0.000153	0.329507	0	2	4 FALSE	RNF139
13728	3.240184	0.000173	0.308624	0	2	4 FALSE	RNF213
13730	3.034839	0.000153	0.329507	0	2	4 FALSE	RNF216
13742	3.034839	0.000153	0.329507	0	2	4 FALSE	RPL15
13746	3.280737	0.000183	0.30481	0	2	4 FALSE	RPL3
13748	3.32977	0.000322	0.300321	0	2	4 FALSE	RPL7L1
13756	3.034839	0.000153	0.329507	0	2	4 FALSE	RPS23
13758	3.305438	0.000177	0.302532	0	2	4 FALSE	RPS6KA3
13760	3.034839	0.000153	0.329507	0	2	4 FALSE	RPS6KA5
13764	3.034839	0.000153	0.329507	0	2	4 FALSE	RRM1
13768	3.430415	0.000115	0.29151	0	2	4 FALSE	RRN3
13774	3.280737	0.000183	0.30481	0	2	4 FALSE	SACM1L
13776	3.280737	0.000183	0.30481	0	2	4 FALSE	SACS
13794	3.424885	0.000206	0.291981	0	2	4 FALSE	SCOC
13798	3.034839	0.000153	0.329507	0	2	4 FALSE	SDC2
13800	3.034839	0.000153	0.329507	0	2	4 FALSE	SDE2
13810	3.034839	0.000153	0.329507	0	2	4 FALSE	SEL1L
13816	3.034839	0.000153	0.329507	0	2	4 FALSE	SERINC1
13824	3.280737	0.000183	0.30481	0	2	4 FALSE	SETD7
13826	3.280737	0.000183	0.30481	0	2	4 FALSE	SETX
13832	3.240184	0.000173	0.308624	0	2	4 FALSE	SFXN1
13836	3.240184	0.000173	0.308624	0	2	4 FALSE	SGPL1
13842	3.352258	0.000159	0.298306	0	2	4 FALSE	SHMT1
13844	3.32129	0.000115	0.301088	0	2	4 FALSE	SIKE1
13848	3.034839	0.000153	0.329507	0	2	4 FALSE	SKIL
13856	3.32977	0.000322	0.300321	0	2	4 FALSE	SLC11A2
13860	3.327189	9.97E-05	0.300554	0	2	4 FALSE	SLC19A2
13886	3.240184	0.000173	0.308624	0	2	4 FALSE	SLC39A10
13900	3.034839	0.000153	0.329507	0	2	4 FALSE	SLC9A1
13904	3.034839	0.000153	0.329507	0	2	4 FALSE	SLTM
13918	3.461382	0.00011	0.288902	0	2	4 FALSE	SMC4
13920	3.461382	0.00011	0.288902	0	2	4 FALSE	SMCO4
13924	3.430415	0.000115	0.29151	0	2	4 FALSE	SMIM15
13928	3.32977	0.000322	0.300321	0	2	4 FALSE	SMU1
13940	3.034839	0.000153	0.329507	0	2	4 FALSE	SNX27
13946	3.280737	0.000183	0.30481	0	2	4 FALSE	SOGA3
13950	3.305438	0.000177	0.302532	0	2	4 FALSE	SOX9
13952	3.305438	0.000177	0.302532	0	2	4 FALSE	SP1
13960	3.034839	0.000153	0.329507	0	2	4 FALSE	SPATA2
13996	3.280737	0.000183	0.30481	0	2	4 FALSE	STAG2
14000	3.034839	0.000153	0.329507	0	2	4 FALSE	STARD3NL
14006	3.352258	0.000159	0.298306	0	2	4 FALSE	STC2
14008	3.034839	0.000153	0.329507	0	2	4 FALSE	STMN1
14010	3.32129	0.000115	0.301088	0	2	4 FALSE	STON2



14012	3.034839	0.000153	0.329507	0	2	4 FALSE	STRN3
14018	3.034839	0.000153	0.329507	0	2	4 FALSE	STYX
14020	3.466175	0.000141	0.288502	0	2	4 FALSE	SUB1
14028	3.034839	0.000153	0.329507	0	2	4 FALSE	SUZ12
14030	3.034839	0.000153	0.329507	0	2	4 FALSE	SYNCRIP
14034	3.034839	0.000153	0.329507	0	2	4 FALSE	SYPL1
14036	3.280737	0.000183	0.30481	0	2	4 FALSE	SZRD1
14038	3.352258	0.000159	0.298306	0	2	4 FALSE	TADA2B
14040	3.32977	0.000322	0.300321	0	2	4 FALSE	TAF13
14042	3.034839	0.000153	0.329507	0	2	4 FALSE	TAF3
14044	3.034839	0.000153	0.329507	0	2	4 FALSE	TANC2
14058	3.034839	0.000153	0.329507	0	2	4 FALSE	TBPL1
14062	3.32977	0.000322	0.300321	0	2	4 FALSE	TBX20
14074	3.240184	0.000173	0.308624	0	2	4 FALSE	TET2
14078	3.240184	0.000173	0.308624	0	2	4 FALSE	TFAP4
14084	3.469124	0.000166	0.288257	0	2	4 FALSE	TGFBR1
14088	3.458433	0.000186	0.289148	0	2	4 FALSE	TGFBR3
14100	3.430415	0.000115	0.29151	0	2	4 FALSE	THR3
14116	3.240184	0.000173	0.308624	0	2	4 FALSE	TMED5
14136	3.240184	0.000173	0.308624	0	2	4 FALSE	TMEM19
14138	3.430415	0.000115	0.29151	0	2	4 FALSE	TMEM192
14140	3.280737	0.000183	0.30481	0	2	4 FALSE	TMEM201
14142	3.034839	0.000153	0.329507	0	2	4 FALSE	TMEM30A
14148	3.034839	0.000153	0.329507	0	2	4 FALSE	TMEM64
14150	3.32977	0.000322	0.300321	0	2	4 FALSE	TMEM65
14152	3.034839	0.000153	0.329507	0	2	4 FALSE	TMEM87A
14156	3.034839	0.000153	0.329507	0	2	4 FALSE	TMTC3
14158	3.424885	0.000206	0.291981	0	2	4 FALSE	TNFAIP1
14160	3.424885	0.000206	0.291981	0	2	4 FALSE	TNFRSF21
14168	3.352258	0.000159	0.298306	0	2	4 FALSE	TNRC18P2
14174	3.034839	0.000153	0.329507	0	2	4 FALSE	TNRC6C
14182	3.034839	0.000153	0.329507	0	2	4 FALSE	TOP2B
14184	3.034839	0.000153	0.329507	0	2	4 FALSE	TOR1AIP1
14186	3.034839	0.000153	0.329507	0	2	4 FALSE	TOR1AIP2
14190	3.280737	0.000183	0.30481	0	2	4 FALSE	TPI1
14200	3.034839	0.000153	0.329507	0	2	4 FALSE	TRIM37
14204	3.305438	0.000177	0.302532	0	2	4 FALSE	TRIO
14206	3.034839	0.000153	0.329507	0	2	4 FALSE	TRIP12
14210	3.034839	0.000153	0.329507	0	2	4 FALSE	TROVE2
14218	3.034839	0.000153	0.329507	0	2	4 FALSE	TSPAN12
14220	3.305438	0.000177	0.302532	0	2	4 FALSE	TSPAN13
14234	3.240184	0.000173	0.308624	0	2	4 FALSE	TUBA1C
14238	3.034839	0.000153	0.329507	0	2	4 FALSE	TUSC2
14256	3.034839	0.000153	0.329507	0	2	4 FALSE	UBE2D2
14258	3.034839	0.000153	0.329507	0	2	4 FALSE	UBE2D3
14260	3.430415	0.000115	0.29151	0	2	4 FALSE	UBE2E2
14276	3.034839	0.000153	0.329507	0	2	4 FALSE	UBQLN1

14282	3.280737	0.000183	0.30481	0	2	4 FALSE	UBXN1
14302	3.469124	0.000166	0.288257	0	2	4 FALSE	USP3
14304	3.034839	0.000153	0.329507	0	2	4 FALSE	USP34
14306	3.424885	0.000206	0.291981	0	2	4 FALSE	USP36
14310	3.280737	0.000183	0.30481	0	2	4 FALSE	USP46
14316	3.430415	0.000115	0.29151	0	2	4 FALSE	USP9X
14318	3.034839	0.000153	0.329507	0	2	4 FALSE	VAMP3
14322	3.034839	0.000153	0.329507	0	2	4 FALSE	VAPA
14326	3.305438	0.000177	0.302532	0	2	4 FALSE	VCAN
14328	3.352258	0.000159	0.298306	0	2	4 FALSE	VCL
14332	3.32977	0.000322	0.300321	0	2	4 FALSE	VEGFC
14340	3.034839	0.000153	0.329507	0	2	4 FALSE	WAC
14348	3.240184	0.000173	0.308624	0	2	4 FALSE	WEE1
14364	3.466175	0.000141	0.288502	0	2	4 FALSE	YAE1D1
14370	3.240184	0.000173	0.308624	0	2	4 FALSE	YTHDC1
14382	3.034839	0.000153	0.329507	0	2	4 FALSE	ZBTB34
14384	3.034839	0.000153	0.329507	0	2	4 FALSE	ZBTB38
14390	3.352258	0.000159	0.298306	0	2	4 FALSE	ZBTB7A
14396	3.461382	0.00011	0.288902	0	2	4 FALSE	ZC3H6
14398	3.430415	0.000115	0.29151	0	2	4 FALSE	ZCCHC2
14400	3.469124	0.000166	0.288257	0	2	4 FALSE	ZDHC15
14410	3.327189	9.97E-05	0.300554	0	2	4 FALSE	ZFAND6
14430	3.034839	0.000153	0.329507	0	2	4 FALSE	ZKSCAN1
14434	3.034839	0.000153	0.329507	0	2	4 FALSE	ZMAT3
14436	3.034839	0.000153	0.329507	0	2	4 FALSE	ZMYM2
14438	3.305438	0.000177	0.302532	0	2	4 FALSE	ZNF100
14446	3.280737	0.000183	0.30481	0	2	4 FALSE	ZNF146
14474	3.034839	0.000153	0.329507	0	2	4 FALSE	ZNF431
14488	3.280737	0.000183	0.30481	0	2	4 FALSE	ZNF567
14500	3.034839	0.000153	0.329507	0	2	4 FALSE	ZNF654
14502	3.034839	0.000153	0.329507	0	2	4 FALSE	ZNF655
14522	3.034839	0.000153	0.329507	0	2	4 FALSE	ZNF800
14524	3.352258	0.000159	0.298306	0	2	4 FALSE	ZNF827
14534	3.305438	0.000177	0.302532	0	2	4 FALSE	ZSWIM6
14539	3.576774	0.000369	0.279582	0	2	4 FALSE	AAED1
14563	3.576774	0.000369	0.279582	0	2	4 FALSE	ALG9
14575	3.576774	0.000369	0.279582	0	2	4 FALSE	AQR
14579	3.223963	0.000389	0.310177	0	2	4 FALSE	ARL10
14584	3.726452	8.37E-05	0.268352	0	2	4 FALSE	ASB16
14607	3.726452	8.37E-05	0.268352	0	2	4 FALSE	BLOC1S4
14613	3.726452	8.37E-05	0.268352	0	2	4 FALSE	C11orf54
14615	3.726452	8.37E-05	0.268352	0	2	4 FALSE	C11orf98
14617	3.726452	8.37E-05	0.268352	0	2	4 FALSE	C17orf105
14621	3.501567	0.000273	0.285586	0	2	4 FALSE	C1orf50
14625	3.726452	8.37E-05	0.268352	0	2	4 FALSE	C3
14653	3.726452	8.37E-05	0.268352	0	2	4 FALSE	CCDC38
14659	3.730507	0.000148	0.26806	0	2	4 FALSE	CCL16

14664	3.726452	8.37E-05	0.268352	0	2	4 FALSE	CD209
14668	3.549124	0.000383	0.28176	0	2	4 FALSE	CD63
14690	3.764793	0.000158	0.265619	0	2	4 FALSE	CLMP
14704	3.501567	0.000273	0.285586	0	2	4 FALSE	COX6B1
14706	3.223963	0.000389	0.310177	0	2	4 FALSE	CREB1
14714	3.501567	0.000273	0.285586	0	2	4 FALSE	CSE1L
14745	3.223963	0.000389	0.310177	0	2	4 FALSE	DNAL1
14753	3.726452	8.37E-05	0.268352	0	2	4 FALSE	DUSP28
14757	3.719447	0.000245	0.268857	0	2	4 FALSE	EHD4
14763	3.730507	0.000148	0.26806	0	2	4 FALSE	ELOVL6
14767	3.223963	0.000389	0.310177	0	2	4 FALSE	ENPP1
14769	3.549124	0.000383	0.28176	0	2	4 FALSE	ENTPD1
14771	3.549124	0.000383	0.28176	0	2	4 FALSE	EPB41
14773	3.576774	0.000369	0.279582	0	2	4 FALSE	EPRS
14785	3.501567	0.000273	0.285586	0	2	4 FALSE	FAM241A
14789	3.501567	0.000273	0.285586	0	2	4 FALSE	FAXC
14816	3.501567	0.000273	0.285586	0	2	4 FALSE	GABPB2
14823	3.764793	0.000158	0.265619	0	2	4 FALSE	GJD3
14827	3.632074	0.000339	0.275325	0	2	4 FALSE	GLB1L3
14833	3.501567	0.000273	0.285586	0	2	4 FALSE	GNL3L
14841	3.223963	0.000389	0.310177	0	2	4 FALSE	GPBP1L1
14849	3.789862	0.000124	0.263862	0	2	4 FALSE	HAUS3
14857	3.726452	8.37E-05	0.268352	0	2	4 FALSE	HIST1H2AC
14859	3.576774	0.000369	0.279582	0	2	4 FALSE	HIST1H2AF
14869	3.764793	0.000158	0.265619	0	2	4 FALSE	HSD17B12
14877	3.501567	0.000273	0.285586	0	2	4 FALSE	IKZF3
14888	3.549124	0.000383	0.28176	0	2	4 FALSE	ISY1
14904	3.730507	0.000148	0.26806	0	2	4 FALSE	KIAA1958
14908	3.223963	0.000389	0.310177	0	2	4 FALSE	KIF3A
14937	3.726452	8.37E-05	0.268352	0	2	4 FALSE	LPIN3
14940	3.730507	0.000148	0.26806	0	2	4 FALSE	LRRC3C
14948	3.501567	0.000273	0.285586	0	2	4 FALSE	LYRM4
14955	3.223963	0.000389	0.310177	0	2	4 FALSE	MBD3
14957	3.726452	8.37E-05	0.268352	0	2	4 FALSE	MCF2L2
14978	3.223963	0.000389	0.310177	0	2	4 FALSE	MFSD2A
14986	3.576774	0.000369	0.279582	0	2	4 FALSE	MIXL1
14989	3.719447	0.000245	0.268857	0	2	4 FALSE	MOGAT1
14991	3.719447	0.000245	0.268857	0	2	4 FALSE	MPLKIP
14993	3.549124	0.000383	0.28176	0	2	4 FALSE	MPZL3
14999	3.632074	0.000339	0.275325	0	2	4 FALSE	MRNIP
15001	3.726452	8.37E-05	0.268352	0	2	4 FALSE	MRPS21
15009	3.223963	0.000389	0.310177	0	2	4 FALSE	MTX3
15019	3.576774	0.000369	0.279582	0	2	4 FALSE	MYO1C
15021	3.501567	0.000273	0.285586	0	2	4 FALSE	MYPN
15027	3.549124	0.000383	0.28176	0	2	4 FALSE	NEK9
15037	3.726452	8.37E-05	0.268352	0	2	4 FALSE	NOL9
15050	3.501567	0.000273	0.285586	0	2	4 FALSE	NUP155

15052	3.223963	0.000389	0.310177	0	2	4 FALSE	NUP35
15057	3.501567	0.000273	0.285586	0	2	4 FALSE	OAS3
15063	3.597419	0.00021	0.277977	0	2	4 FALSE	OLFML2A
15067	3.501567	0.000273	0.285586	0	2	4 FALSE	OR7D2
15076	3.223963	0.000389	0.310177	0	2	4 FALSE	PAICS
15081	3.726452	8.37E-05	0.268352	0	2	4 FALSE	PCNP
15083	3.719447	0.000245	0.268857	0	2	4 FALSE	PDCL3
15089	3.223963	0.000389	0.310177	0	2	4 FALSE	PGK1
15095	3.223963	0.000389	0.310177	0	2	4 FALSE	PKNOX1
15108	3.763318	0.000209	0.265723	0	2	4 FALSE	POLA2
15110	3.719447	0.000245	0.268857	0	2	4 FALSE	POLQ
15118	3.501567	0.000273	0.285586	0	2	4 FALSE	PPIL4
15134	3.223963	0.000389	0.310177	0	2	4 FALSE	PRRG4
15136	3.790599	0.000271	0.263811	0	2	4 FALSE	PRX
15159	3.576774	0.000369	0.279582	0	2	4 FALSE	RABGEF1
15166	3.730507	0.000148	0.26806	0	2	4 FALSE	RBM23
15168	3.726452	8.37E-05	0.268352	0	2	4 FALSE	RBM43
15191	3.223963	0.000389	0.310177	0	2	4 FALSE	RPL27A
15196	3.501567	0.000273	0.285586	0	2	4 FALSE	RPS19
15206	3.730507	0.000148	0.26806	0	2	4 FALSE	SCARF1
15210	3.223963	0.000389	0.310177	0	2	4 FALSE	SEC63
15212	3.726452	8.37E-05	0.268352	0	2	4 FALSE	SEPHS1
15216	3.600737	0.000191	0.277721	0	2	4 FALSE	SETD1A
15224	3.726452	8.37E-05	0.268352	0	2	4 FALSE	SIGLEC9
15235	3.501567	0.000273	0.285586	0	2	4 FALSE	SLC25A16
15237	3.223963	0.000389	0.310177	0	2	4 FALSE	SLC30A4
15247	3.726452	8.37E-05	0.268352	0	2	4 FALSE	SLX4
15259	3.223963	0.000389	0.310177	0	2	4 FALSE	SPRYD4
15275	3.501567	0.000273	0.285586	0	2	4 FALSE	STAR
15283	3.764793	0.000158	0.265619	0	2	4 FALSE	STX7
15300	3.549124	0.000383	0.28176	0	2	4 FALSE	TAF8
15317	3.223963	0.000389	0.310177	0	2	4 FALSE	TIMELESS
15324	3.223963	0.000389	0.310177	0	2	4 FALSE	TIPIN
15326	3.549124	0.000383	0.28176	0	2	4 FALSE	TMCO1
15330	3.726452	8.37E-05	0.268352	0	2	4 FALSE	TMEM120f
15343	3.597419	0.00021	0.277977	0	2	4 FALSE	TMEM67
15345	3.726452	8.37E-05	0.268352	0	2	4 FALSE	TNFRSF10A
15349	3.726452	8.37E-05	0.268352	0	2	4 FALSE	TNFRSF13C
15354	3.764793	0.000158	0.265619	0	2	4 FALSE	TRAF1
15360	3.726452	8.37E-05	0.268352	0	2	4 FALSE	TRAPPC2
15368	3.632074	0.000339	0.275325	0	2	4 FALSE	TRIM65
15372	3.501567	0.000273	0.285586	0	2	4 FALSE	TRMT2B
15416	3.726452	8.37E-05	0.268352	0	2	4 FALSE	VPS53
15429	3.730507	0.000148	0.26806	0	2	4 FALSE	ZADH2
15431	3.726452	8.37E-05	0.268352	0	2	4 FALSE	ZBTB8B
15446	3.223963	0.000389	0.310177	0	2	4 FALSE	ZNF138
15461	3.501567	0.000273	0.285586	0	2	4 FALSE	ZNF417

15467	3.223963	0.000389	0.310177	0	2	4	FALSE	ZNF460
15470	3.719447	0.000245	0.268857	0	2	4	FALSE	ZNF543
15474	3.726452	8.37E-05	0.268352	0	2	4	FALSE	ZNF556
15478	3.726452	8.37E-05	0.268352	0	2	4	FALSE	ZNF566
15486	3.775484	0.0002	0.264867	0	2	4	FALSE	ZNF652
15504	3.447005	0.000153	0.290107	0	2	4	FALSE	3-Sep
15506	3.140277	0.000199	0.318443	0	2	4	FALSE	9-Mar
15510	3.470968	0.000153	0.288104	0	2	4	FALSE	AARS
15513	3.140277	0.000199	0.318443	0	2	4	FALSE	ABAT
15523	3.140277	0.000199	0.318443	0	2	4	FALSE	ACD
15539	3.140277	0.000199	0.318443	0	2	4	FALSE	AGPAT3
15568	3.140277	0.000199	0.318443	0	2	4	FALSE	AMOTL1
15593	3.595207	0.00014	0.278148	0	2	4	FALSE	APAF1
15595	3.644977	0.000171	0.27435	0	2	4	FALSE	APOL6
15609	3.140277	0.000199	0.318443	0	2	4	FALSE	ARRDC3
15614	3.642396	0.00013	0.274545	0	2	4	FALSE	ASB8
15618	3.470968	0.000153	0.288104	0	2	4	FALSE	ASPH
15620	3.140277	0.000199	0.318443	0	2	4	FALSE	ASXL2
15624	3.6	0.000173	0.277778	0	2	4	FALSE	ATF7
15628	3.140277	0.000199	0.318443	0	2	4	FALSE	ATP2B4
15633	3.140277	0.000199	0.318443	0	2	4	FALSE	ATXN7
15650	3.516682	0.000156	0.284359	0	2	4	FALSE	BCL2
15654	3.140277	0.000199	0.318443	0	2	4	FALSE	BCL3
15656	3.470968	0.000153	0.288104	0	2	4	FALSE	BLOC1S5-T
15658	3.470968	0.000153	0.288104	0	2	4	FALSE	BNIP3
15697	3.6	0.000173	0.277778	0	2	4	FALSE	CANX
15701	3.447005	0.000153	0.290107	0	2	4	FALSE	CASP4
15705	3.140277	0.000199	0.318443	0	2	4	FALSE	CAST
15732	3.485346	0.000106	0.286916	0	2	4	FALSE	CD83
15789	3.644977	0.000171	0.27435	0	2	4	FALSE	COMMD2
15795	3.642396	0.00013	0.274545	0	2	4	FALSE	CPA4
15818	3.447005	0.000153	0.290107	0	2	4	FALSE	CSRNP2
15826	3.642396	0.00013	0.274545	0	2	4	FALSE	CTNNA1
15828	3.470968	0.000153	0.288104	0	2	4	FALSE	CTNND1
15832	3.485346	0.000106	0.286916	0	2	4	FALSE	CXCL12
15841	3.140277	0.000199	0.318443	0	2	4	FALSE	DAD1
15845	3.140277	0.000199	0.318443	0	2	4	FALSE	DBF4
15862	3.140277	0.000199	0.318443	0	2	4	FALSE	DHX30
15878	3.140277	0.000199	0.318443	0	2	4	FALSE	DRAM1
15893	3.140277	0.000199	0.318443	0	2	4	FALSE	E2F8
15895	3.516682	0.000156	0.284359	0	2	4	FALSE	EEF1D
15902	3.140277	0.000199	0.318443	0	2	4	FALSE	EIF1AD
15904	3.140277	0.000199	0.318443	0	2	4	FALSE	EIF2AK1
15916	3.447005	0.000153	0.290107	0	2	4	FALSE	EIF4G1
14536	2.806636	0.120157	0.356298	0	516	3	FALSE	miRNA hsa-miR-12
15921	3.140277	0.000199	0.318443	0	2	4	FALSE	ELL2
15927	3.140277	0.000199	0.318443	0	2	4	FALSE	ELOVL5

15938	3.140277	0.000199	0.318443	0	2	4 FALSE	EPG5
15942	3.470968	0.000153	0.288104	0	2	4 FALSE	ERBB3
15948	3.659724	7.97E-05	0.273245	0	2	4 FALSE	ESYT2
15955	3.140277	0.000199	0.318443	0	2	4 FALSE	FAM102A
15957	3.595207	0.00014	0.278148	0	2	4 FALSE	FAM107B
15961	3.470968	0.000153	0.288104	0	2	4 FALSE	FAM127B
15963	3.140277	0.000199	0.318443	0	2	4 FALSE	FAM134C
15976	3.6	0.000173	0.277778	0	2	4 FALSE	FAM83H
15992	3.581567	0.000297	0.279207	0	2	4 FALSE	FNBP1
15997	3.516682	0.000156	0.284359	0	2	4 FALSE	FNDC3B
16003	3.447005	0.000153	0.290107	0	2	4 FALSE	FOXM1
16015	3.140277	0.000199	0.318443	0	2	4 FALSE	GABARAPL
16022	3.140277	0.000199	0.318443	0	2	4 FALSE	GALNT6
16024	3.516682	0.000156	0.284359	0	2	4 FALSE	GAS1
16031	3.140277	0.000199	0.318443	0	2	4 FALSE	GFPT1
16033	3.595207	0.00014	0.278148	0	2	4 FALSE	GGA2
16042	3.447005	0.000153	0.290107	0	2	4 FALSE	GLI2
16048	3.470968	0.000153	0.288104	0	2	4 FALSE	GLUL
16059	3.595207	0.00014	0.278148	0	2	4 FALSE	GPATCH8
16061	3.447005	0.000153	0.290107	0	2	4 FALSE	GPD1L
16086	3.140277	0.000199	0.318443	0	2	4 FALSE	HDLBP
16094	3.470968	0.000153	0.288104	0	2	4 FALSE	HIPK2
16097	3.140277	0.000199	0.318443	0	2	4 FALSE	HIST1H2BC
16103	3.470968	0.000153	0.288104	0	2	4 FALSE	HK2
16111	3.516682	0.000156	0.284359	0	2	4 FALSE	HNF4A
16169	3.470968	0.000153	0.288104	0	2	4 FALSE	JAG1
16189	3.581567	0.000297	0.279207	0	2	4 FALSE	KAT7
16196	3.140277	0.000199	0.318443	0	2	4 FALSE	KDM2A
16202	3.492719	9.03E-05	0.28631	0	2	4 FALSE	KIAA0430
16204	3.140277	0.000199	0.318443	0	2	4 FALSE	KIAA0930
16212	3.470968	0.000153	0.288104	0	2	4 FALSE	KLF5
16221	3.447005	0.000153	0.290107	0	2	4 FALSE	KRAS
16224	3.140277	0.000199	0.318443	0	2	4 FALSE	LAMC1
16226	3.447005	0.000153	0.290107	0	2	4 FALSE	LCT
16231	3.470968	0.000153	0.288104	0	2	4 FALSE	LILRB1
16233	3.447005	0.000153	0.290107	0	2	4 FALSE	LIMD1
16253	3.637235	9.16E-05	0.274934	0	2	4 FALSE	LRRC2
16255	3.516682	0.000156	0.284359	0	2	4 FALSE	LRRC41
16257	3.6	0.000173	0.277778	0	2	4 FALSE	LURAP1L
16272	3.140277	0.000199	0.318443	0	2	4 FALSE	MARS2
16276	3.470968	0.000153	0.288104	0	2	4 FALSE	MCM2
16280	3.516682	0.000156	0.284359	0	2	4 FALSE	MCM3AP
16284	3.595207	0.00014	0.278148	0	2	4 FALSE	MCOLN2
16295	3.447005	0.000153	0.290107	0	2	4 FALSE	MED22
16319	3.470968	0.000153	0.288104	0	2	4 FALSE	MMP14
16323	3.470968	0.000153	0.288104	0	2	4 FALSE	MMP9
16331	3.644977	0.000171	0.27435	0	2	4 FALSE	MTA3

16337	3.485346	0.000106	0.286916	0	2	4 FALSE	MVD
16340	3.447005	0.000153	0.290107	0	2	4 FALSE	MYCBP
16345	3.140277	0.000199	0.318443	0	2	4 FALSE	NAPEPLD
16358	3.485346	0.000106	0.286916	0	2	4 FALSE	NFAT5
16360	3.470968	0.000153	0.288104	0	2	4 FALSE	NFATC1
16366	3.447005	0.000153	0.290107	0	2	4 FALSE	NFYB
16368	3.140277	0.000199	0.318443	0	2	4 FALSE	NIPBL
16376	3.485346	0.000106	0.286916	0	2	4 FALSE	NOS1
16387	3.140277	0.000199	0.318443	0	2	4 FALSE	NR2C2
16389	3.447005	0.000153	0.290107	0	2	4 FALSE	NR2F1
16401	3.516682	0.000156	0.284359	0	2	4 FALSE	NUDT3
16438	3.470968	0.000153	0.288104	0	2	4 FALSE	PDE3A
16440	3.6	0.000173	0.277778	0	2	4 FALSE	PDE4DIP
16446	3.634286	0.000167	0.275157	0	2	4 FALSE	PDIA5
16453	3.140277	0.000199	0.318443	0	2	4 FALSE	PFN1
16462	3.140277	0.000199	0.318443	0	2	4 FALSE	PIK3R1
16487	3.140277	0.000199	0.318443	0	2	4 FALSE	POGZ
16530	3.516682	0.000156	0.284359	0	2	4 FALSE	PTPN11
16532	3.516682	0.000156	0.284359	0	2	4 FALSE	PTPN23
16536	3.140277	0.000199	0.318443	0	2	4 FALSE	PXDN
16554	3.140277	0.000199	0.318443	0	2	4 FALSE	RAN
16558	3.516682	0.000156	0.284359	0	2	4 FALSE	RARG
16576	3.140277	0.000199	0.318443	0	2	4 FALSE	RCOR1
16584	3.516682	0.000156	0.284359	0	2	4 FALSE	RGP1
16608	3.581567	0.000297	0.279207	0	2	4 FALSE	RPP30
16618	3.581567	0.000297	0.279207	0	2	4 FALSE	RRP7A
16636	3.140277	0.000199	0.318443	0	2	4 FALSE	SDC1
16638	3.485346	0.000106	0.286916	0	2	4 FALSE	SDCBP
16645	3.6	0.000173	0.277778	0	2	4 FALSE	SENP2
16647	3.470968	0.000153	0.288104	0	2	4 FALSE	SENP5
16670	3.447005	0.000153	0.290107	0	2	4 FALSE	SKAP2
16677	3.470968	0.000153	0.288104	0	2	4 FALSE	SLC25A25
16680	3.6	0.000173	0.277778	0	2	4 FALSE	SLC25A36
16684	3.140277	0.000199	0.318443	0	2	4 FALSE	SLC25A44
16686	3.595207	0.00014	0.278148	0	2	4 FALSE	SLC25A46
16709	3.470968	0.000153	0.288104	0	2	4 FALSE	SLC7A6
16713	3.447005	0.000153	0.290107	0	2	4 FALSE	SMARCC1
16715	3.140277	0.000199	0.318443	0	2	4 FALSE	SMARCD2
16717	3.447005	0.000153	0.290107	0	2	4 FALSE	SMC1A
16724	3.516682	0.000156	0.284359	0	2	4 FALSE	SOAT1
16728	3.140277	0.000199	0.318443	0	2	4 FALSE	SOCS4
16752	3.659724	7.97E-05	0.273245	0	2	4 FALSE	SSH2
16755	3.140277	0.000199	0.318443	0	2	4 FALSE	STOX2
16767	3.6	0.000173	0.277778	0	2	4 FALSE	SYT7
16773	3.634286	0.000167	0.275157	0	2	4 FALSE	TAF1D
16779	3.516682	0.000156	0.284359	0	2	4 FALSE	TAOK2
16790	3.447005	0.000153	0.290107	0	2	4 FALSE	TERT

16819	3.140277	0.000199	0.318443	0	2	4 FALSE	TMEM178I
16835	3.140277	0.000199	0.318443	0	2	4 FALSE	TNF
16839	3.140277	0.000199	0.318443	0	2	4 FALSE	TNFRSF10E
16841	3.140277	0.000199	0.318443	0	2	4 FALSE	TNIP1
16857	3.140277	0.000199	0.318443	0	2	4 FALSE	TRIM33
16869	3.516682	0.000156	0.284359	0	2	4 FALSE	TUBB
16878	3.140277	0.000199	0.318443	0	2	4 FALSE	UBAP2L
16886	3.595207	0.00014	0.278148	0	2	4 FALSE	UBE2V2
16899	3.140277	0.000199	0.318443	0	2	4 FALSE	USP12
16901	3.595207	0.00014	0.278148	0	2	4 FALSE	USP42
16905	3.140277	0.000199	0.318443	0	2	4 FALSE	USP6NL
16915	3.140277	0.000199	0.318443	0	2	4 FALSE	VPS45
16926	3.447005	0.000153	0.290107	0	2	4 FALSE	WDR6
16943	3.6	0.000173	0.277778	0	2	4 FALSE	YARS
16949	3.492719	9.03E-05	0.28631	0	2	4 FALSE	YWHAB
16954	3.485346	0.000106	0.286916	0	2	4 FALSE	ZBTB22
16965	3.595207	0.00014	0.278148	0	2	4 FALSE	ZC3H14
16969	3.581567	0.000297	0.279207	0	2	4 FALSE	ZC3HAV1L
16980	3.595207	0.00014	0.278148	0	2	4 FALSE	ZFP36L1
16986	3.140277	0.000199	0.318443	0	2	4 FALSE	ZIC5
16988	3.140277	0.000199	0.318443	0	2	4 FALSE	ZMIZ2
16998	3.447005	0.000153	0.290107	0	2	4 FALSE	ZNF277
17002	3.492719	9.03E-05	0.28631	0	2	4 FALSE	ZNF3
17013	3.140277	0.000199	0.318443	0	2	4 FALSE	ZNF503
17021	3.581567	0.000297	0.279207	0	2	4 FALSE	ZNF708
17023	3.447005	0.000153	0.290107	0	2	4 FALSE	ZNF709
17025	3.140277	0.000199	0.318443	0	2	4 FALSE	ZNF711
17027	3.140277	0.000199	0.318443	0	2	4 FALSE	ZNF83
17029	3.581567	0.000297	0.279207	0	2	4 FALSE	ZNF878
17031	3.447005	0.000153	0.290107	0	2	4 FALSE	ZNFX1
17042	3.35447	0.000133	0.29811	0	2	4 FALSE	AFTPH
17046	3.35447	0.000133	0.29811	0	2	4 FALSE	AKAP2
17057	3.69106	9.96E-05	0.270925	0	2	4 FALSE	BUB1
17059	3.916682	4.72E-05	0.255318	0	2	6 FALSE	C8orf37
17081	3.723134	6.08E-05	0.268591	0	2	4 FALSE	DESI1
17083	3.862857	7.93E-05	0.258876	0	2	4 FALSE	DHX36
17085	3.870968	6.31E-05	0.258333	0	2	4 FALSE	DNAJC10
17089	3.35447	0.000133	0.29811	0	2	4 FALSE	EIF4E2
17100	3.774378	0.000105	0.264944	0	2	4 FALSE	FNIP2
17121	3.35447	0.000133	0.29811	0	2	4 FALSE	LGALS1
17126	3.92	7.08E-05	0.255102	0	2	4 FALSE	LOX
17136	3.741567	6.12E-05	0.267268	0	2	4 FALSE	MMP16
17138	3.723134	6.08E-05	0.268591	0	2	4 FALSE	MTDH
17146	3.35447	0.000133	0.29811	0	2	4 FALSE	PALM2-AK
17152	3.35447	0.000133	0.29811	0	2	4 FALSE	PLXNC1
17157	3.774378	0.000105	0.264944	0	2	4 FALSE	POLL
17167	3.69106	9.96E-05	0.270925	0	2	4 FALSE	PRKAG1



17179	3.916682	4.72E-05	0.255318	0	2	6	FALSE	RPS4X
17182	3.723134	6.08E-05	0.268591	0	2	4	FALSE	SERPINA1
17192	3.862857	7.93E-05	0.258876	0	2	4	FALSE	SLC38A9
17201	3.35447	0.000133	0.29811	0	2	4	FALSE	STK38
17203	3.35447	0.000133	0.29811	0	2	4	FALSE	TACSTD2
17211	3.35447	0.000133	0.29811	0	2	4	FALSE	TMEM1061
17217	3.35447	0.000133	0.29811	0	2	4	FALSE	TRIM23
17231	3.723134	6.08E-05	0.268591	0	2	4	FALSE	ZNF37A
17234	3.916682	4.72E-05	0.255318	0	2	6	FALSE	ZSCAN16
17242	3.20553	0.000196	0.311961	0	2	4	FALSE	ABCA1
17244	3.517419	0.000166	0.284299	0	2	4	FALSE	ABCC1
17259	3.517419	0.000166	0.284299	0	2	4	FALSE	ACTR2
17265	3.20553	0.000196	0.311961	0	2	4	FALSE	ADD3
17279	3.727926	8.23E-05	0.268246	0	2	4	FALSE	ALDH18A1
17292	3.517419	0.000166	0.284299	0	2	4	FALSE	ANPEP
17309	3.20553	0.000196	0.311961	0	2	4	FALSE	ARL6IP5
17313	3.71871	0.000128	0.26891	0	2	4	FALSE	ATP9A
17315	3.517419	0.000166	0.284299	0	2	4	FALSE	ATRN
17342	3.20553	0.000196	0.311961	0	2	4	FALSE	BTG1
17347	3.597051	0.00014	0.278006	0	2	4	FALSE	C15orf39
17363	3.676313	0.000138	0.272012	0	2	4	FALSE	CAV2
17385	3.517419	0.000166	0.284299	0	2	4	FALSE	CDCP1
17387	3.597051	0.00014	0.278006	0	2	4	FALSE	CDH1
17406	3.20553	0.000196	0.311961	0	2	4	FALSE	CITED2
17412	3.597051	0.00014	0.278006	0	2	4	FALSE	CLDN12
17427	3.517419	0.000166	0.284299	0	2	4	FALSE	COL6A1
17429	3.517419	0.000166	0.284299	0	2	4	FALSE	CORO1C
17444	3.20553	0.000196	0.311961	0	2	4	FALSE	CSRNP3
17449	3.517419	0.000166	0.284299	0	2	4	FALSE	CTNNBIP1
17473	3.727926	8.23E-05	0.268246	0	2	4	FALSE	DFFA
17492	3.20553	0.000196	0.311961	0	2	4	FALSE	DYNC1H1
17502	3.676313	0.000138	0.272012	0	2	4	FALSE	EIF4E
17504	3.20553	0.000196	0.311961	0	2	4	FALSE	EIF4G3
17509	3.517419	0.000166	0.284299	0	2	4	FALSE	ENAH
17514	3.597051	0.00014	0.278006	0	2	4	FALSE	ENTPD6
17530	3.20553	0.000196	0.311961	0	2	4	FALSE	ESR1
17537	3.20553	0.000196	0.311961	0	2	4	FALSE	EWSR1
17548	3.676313	0.000138	0.272012	0	2	4	FALSE	FAM3C
17565	3.20553	0.000196	0.311961	0	2	4	FALSE	FN3KRP
17578	3.662673	0.000376	0.273025	0	2	4	FALSE	FXN
17602	3.20553	0.000196	0.311961	0	2	4	FALSE	GOLM1
17606	3.727926	8.23E-05	0.268246	0	2	4	FALSE	GPRASP1
17610	3.517419	0.000166	0.284299	0	2	4	FALSE	GRN
17623	3.20553	0.000196	0.311961	0	2	4	FALSE	HECW2
17628	3.20553	0.000196	0.311961	0	2	4	FALSE	HIF1A
17638	3.727926	8.23E-05	0.268246	0	2	4	FALSE	HMG20A
17640	3.517419	0.000166	0.284299	0	2	4	FALSE	HMGA1

17644	3.20553	0.000196	0.311961	0	2	4 FALSE	HNRNPC
17652	3.517419	0.000166	0.284299	0	2	4 FALSE	HSPA8
17655	3.20553	0.000196	0.311961	0	2	4 FALSE	IBTK
17663	3.597051	0.00014	0.278006	0	2	4 FALSE	IGFBP4
17668	3.517419	0.000166	0.284299	0	2	4 FALSE	IL24
17674	3.517419	0.000166	0.284299	0	2	4 FALSE	INPPL1
17679	3.20553	0.000196	0.311961	0	2	4 FALSE	IRS2
17681	3.597051	0.00014	0.278006	0	2	4 FALSE	ITGA11
17690	3.676313	0.000138	0.272012	0	2	4 FALSE	ITSN1
17693	3.20553	0.000196	0.311961	0	2	4 FALSE	JADE1
17697	3.20553	0.000196	0.311961	0	2	4 FALSE	JUNB
17701	3.562396	0.000108	0.28071	0	2	4 FALSE	KCTD3
17712	3.562396	0.000108	0.28071	0	2	4 FALSE	KLF4
17728	3.20553	0.000196	0.311961	0	2	4 FALSE	LARS
17748	3.727926	8.23E-05	0.268246	0	2	4 FALSE	MADD
17784	3.597051	0.00014	0.278006	0	2	4 FALSE	MLLT1
17820	3.743779	6.72E-05	0.26711	0	2	4 FALSE	MYRF
17825	3.597051	0.00014	0.278006	0	2	4 FALSE	NANOG
17833	3.20553	0.000196	0.311961	0	2	4 FALSE	NCOA2
17851	3.517419	0.000166	0.284299	0	2	4 FALSE	NHLRC3
17855	3.20553	0.000196	0.311961	0	2	4 FALSE	NIPSNAP1
17878	3.662673	0.000376	0.273025	0	2	4 FALSE	NUP43
17880	3.681475	0.000179	0.27163	0	2	4 FALSE	OCLN
17882	3.681475	0.000179	0.27163	0	2	4 FALSE	ORC4
17898	3.20553	0.000196	0.311961	0	2	4 FALSE	PARD3
17915	3.517419	0.000166	0.284299	0	2	4 FALSE	PLAGL2
17941	3.20553	0.000196	0.311961	0	2	4 FALSE	PRKACB
17950	3.71871	0.000128	0.26891	0	2	4 FALSE	PRRX1
17968	3.517419	0.000166	0.284299	0	2	4 FALSE	RAB3IP
17970	3.676313	0.000138	0.272012	0	2	4 FALSE	RAB7A
17986	3.20553	0.000196	0.311961	0	2	4 FALSE	REV1
17990	3.517419	0.000166	0.284299	0	2	4 FALSE	RGS4
18001	3.557972	0.000123	0.281059	0	2	4 FALSE	ROCK1
18011	3.20553	0.000196	0.311961	0	2	4 FALSE	RRAGC
18014	3.517419	0.000166	0.284299	0	2	4 FALSE	RSBN1L
18029	3.20553	0.000196	0.311961	0	2	4 FALSE	SERINC5
18038	3.681475	0.000179	0.27163	0	2	4 FALSE	SET
18043	3.20553	0.000196	0.311961	0	2	4 FALSE	SH3KBP1
18062	3.20553	0.000196	0.311961	0	2	4 FALSE	SLC27A1
18064	3.20553	0.000196	0.311961	0	2	4 FALSE	SLC30A7
18074	3.20553	0.000196	0.311961	0	2	4 FALSE	SMAD5
18078	3.597051	0.00014	0.278006	0	2	4 FALSE	SNAI1
18080	3.20553	0.000196	0.311961	0	2	4 FALSE	SNAI2
18090	3.20553	0.000196	0.311961	0	2	4 FALSE	SOCS7
18108	3.557972	0.000123	0.281059	0	2	4 FALSE	SPP1
18117	3.20553	0.000196	0.311961	0	2	4 FALSE	SRGAP1
18152	3.681475	0.000179	0.27163	0	2	4 FALSE	TCF4

18158	3.557972	0.000123	0.281059	0	2	4 FALSE	TGFB1
18160	3.743779	6.72E-05	0.26711	0	2	4 FALSE	TGFB2
18164	3.20553	0.000196	0.311961	0	2	4 FALSE	TGFBI
18172	3.517419	0.000166	0.284299	0	2	4 FALSE	TIMP1
18181	3.20553	0.000196	0.311961	0	2	4 FALSE	TMEFF1
18188	3.20553	0.000196	0.311961	0	2	4 FALSE	TMEM189-
18192	3.20553	0.000196	0.311961	0	2	4 FALSE	TMEM9B
18196	3.20553	0.000196	0.311961	0	2	4 FALSE	TMOD3
18217	3.20553	0.000196	0.311961	0	2	4 FALSE	TRIM28
18223	3.517419	0.000166	0.284299	0	2	4 FALSE	TSPAN6
18232	3.71871	0.000128	0.26891	0	2	4 FALSE	UBE2W
18234	3.20553	0.000196	0.311961	0	2	4 FALSE	UBE4A
18271	3.20553	0.000196	0.311961	0	2	4 FALSE	ZBTB25
18280	3.20553	0.000196	0.311961	0	2	4 FALSE	ZDHC6
18286	3.20553	0.000196	0.311961	0	2	4 FALSE	ZFYVE9
18288	3.597051	0.00014	0.278006	0	2	4 FALSE	ZMYM4
18291	3.20553	0.000196	0.311961	0	2	4 FALSE	ZNF180
18293	3.20553	0.000196	0.311961	0	2	4 FALSE	ZNF267
18308	3.20553	0.000196	0.311961	0	2	4 FALSE	ZRANB1
18319	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ACBD3
18321	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ACO1
18323	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ACTBL2
18327	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ACTN1
18349	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ANXA7
18351	3.727926	2.1E-06	0.268246	0	2	4 FALSE	AP1G2
18355	3.727926	2.1E-06	0.268246	0	2	4 FALSE	APMAP
18357	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ARF3
18359	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ARGLU1
18364	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ATF6
18368	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ATP11AUN
18376	3.612903	0.000102	0.276786	0	2	4 FALSE	ATP6V1H
18382	3.727926	2.1E-06	0.268246	0	2	4 FALSE	BABAM1
18385	3.727926	2.1E-06	0.268246	0	2	4 FALSE	BAG6
18387	3.727926	2.1E-06	0.268246	0	2	4 FALSE	BAIAP2
18391	3.727926	2.1E-06	0.268246	0	2	4 FALSE	BCHE
18397	3.727926	2.1E-06	0.268246	0	2	4 FALSE	BCLAF1
18431	3.727926	2.1E-06	0.268246	0	2	4 FALSE	CARD10
18435	3.727926	2.1E-06	0.268246	0	2	4 FALSE	CARHSP1
18437	3.727926	2.1E-06	0.268246	0	2	4 FALSE	CASK
18444	3.727926	2.1E-06	0.268246	0	2	4 FALSE	CCDC83
18448	3.226175	0.000117	0.309965	0	2	4 FALSE	CCNA2
18456	3.727926	2.1E-06	0.268246	0	2	4 FALSE	CD300LB
18467	3.727926	2.1E-06	0.268246	0	2	4 FALSE	CDC25A
18476	3.727926	2.1E-06	0.268246	0	2	4 FALSE	CECR2
18478	3.226175	0.000117	0.309965	0	2	4 FALSE	CFH
18488	3.727926	2.1E-06	0.268246	0	2	4 FALSE	CNNM3
18498	3.727926	2.1E-06	0.268246	0	2	4 FALSE	CPNE1

18511	3.727926	2.1E-06	0.268246	0	2	4 FALSE	CYTIP
18514	3.727926	2.1E-06	0.268246	0	2	4 FALSE	DBF4B
18516	3.727926	2.1E-06	0.268246	0	2	4 FALSE	DCAF16
18523	3.727926	2.1E-06	0.268246	0	2	4 FALSE	DDX60
18525	3.727926	2.1E-06	0.268246	0	2	4 FALSE	DECR1
18527	3.727926	2.1E-06	0.268246	0	2	4 FALSE	DEDD
18529	3.727926	2.1E-06	0.268246	0	2	4 FALSE	DGCR6L
18531	3.727926	2.1E-06	0.268246	0	2	4 FALSE	DHRS1
18535	3.727926	2.1E-06	0.268246	0	2	4 FALSE	DHX8
18543	3.727926	2.1E-06	0.268246	0	2	4 FALSE	DNPH1
18550	3.727926	2.1E-06	0.268246	0	2	4 FALSE	EFNA5
18559	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ELMSAN1
18562	3.727926	2.1E-06	0.268246	0	2	4 FALSE	EML1
18566	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ENTPD5
18568	3.727926	2.1E-06	0.268246	0	2	4 FALSE	EPB41L4A
18574	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ESD
18576	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ETAA1
18584	3.727926	2.1E-06	0.268246	0	2	4 FALSE	FAM111A
18587	3.727926	2.1E-06	0.268246	0	2	4 FALSE	FANCF
18596	3.727926	2.1E-06	0.268246	0	2	4 FALSE	FBXO3
18601	3.727926	2.1E-06	0.268246	0	2	4 FALSE	FNBP4
18613	3.727926	2.1E-06	0.268246	0	2	4 FALSE	GLTP
18617	3.727926	2.1E-06	0.268246	0	2	4 FALSE	GOPC
18619	3.727926	2.1E-06	0.268246	0	2	4 FALSE	GPANK1
18621	3.727926	2.1E-06	0.268246	0	2	4 FALSE	GPM6B
18625	3.727926	2.1E-06	0.268246	0	2	4 FALSE	GRAP2
18627	3.727926	2.1E-06	0.268246	0	2	4 FALSE	GRPEL1
18630	3.727926	2.1E-06	0.268246	0	2	4 FALSE	GTPBP3
18635	3.727926	2.1E-06	0.268246	0	2	4 FALSE	HAS2
18643	3.727926	2.1E-06	0.268246	0	2	4 FALSE	HIST1H4B
18645	3.727926	2.1E-06	0.268246	0	2	4 FALSE	HLA-C
18647	3.727926	2.1E-06	0.268246	0	2	4 FALSE	HLA-DPA1
18652	3.727926	2.1E-06	0.268246	0	2	4 FALSE	HNRNPA3
18657	3.727926	2.1E-06	0.268246	0	2	4 FALSE	HORMAD2
18659	3.727926	2.1E-06	0.268246	0	2	4 FALSE	HOXB8
18670	3.226175	0.000117	0.309965	0	2	4 FALSE	IER5L
18678	3.534009	0.000113	0.282965	0	2	4 FALSE	IFIT1
18685	3.534009	0.000113	0.282965	0	2	4 FALSE	IFITM2
18694	3.727926	2.1E-06	0.268246	0	2	4 FALSE	IL1RL2
18696	3.727926	2.1E-06	0.268246	0	2	4 FALSE	IL6
18700	3.727926	2.1E-06	0.268246	0	2	4 FALSE	INTU
18702	3.727926	2.1E-06	0.268246	0	2	4 FALSE	IQCE
18704	3.727926	2.1E-06	0.268246	0	2	4 FALSE	IRAK1
18717	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ITCH
18721	3.736037	0.000115	0.267663	0	2	4 FALSE	ITGBL1
18724	3.727926	2.1E-06	0.268246	0	2	4 FALSE	JADE2
18729	3.727926	2.1E-06	0.268246	0	2	4 FALSE	KCTD15

18735	3.727926	2.1E-06	0.268246	0	2	4 FALSE	KIAA0040
18737	3.727926	2.1E-06	0.268246	0	2	4 FALSE	KIAA1524
18742	3.727926	2.1E-06	0.268246	0	2	4 FALSE	KLF9
18751	3.727926	2.1E-06	0.268246	0	2	4 FALSE	KSR1
18761	3.727926	2.1E-06	0.268246	0	2	4 FALSE	LFNG
18777	3.727926	2.1E-06	0.268246	0	2	4 FALSE	LRRC8D
18782	3.727926	2.1E-06	0.268246	0	2	4 FALSE	LTB4R2
18784	3.226175	0.000117	0.309965	0	2	4 FALSE	LY75
18788	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MAN1C1
18795	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MBOAT1
18800	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MDN1
18802	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MEA1
18805	3.727926	2.1E-06	0.268246	0	2	4 FALSE	METRNL
18807	3.727926	2.1E-06	0.268246	0	2	4 FALSE	METTL7A
18818	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MKRN2
18822	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MPP2
18824	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MR1
18826	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MRPL10
18828	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MRPS30
18832	3.612903	0.000102	0.276786	0	2	4 FALSE	MTA2
18841	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MYL12B
18843	3.727926	2.1E-06	0.268246	0	2	4 FALSE	MYLK
18849	3.727926	2.1E-06	0.268246	0	2	4 FALSE	NAPG
18863	3.727926	2.1E-06	0.268246	0	2	4 FALSE	NFKB1
18865	3.727926	2.1E-06	0.268246	0	2	4 FALSE	NLGN1
18870	3.534009	0.000113	0.282965	0	2	4 FALSE	NOTCH2
18872	3.727926	2.1E-06	0.268246	0	2	4 FALSE	NR6A1
18889	3.727926	2.1E-06	0.268246	0	2	4 FALSE	OGFOD1
18898	3.727926	2.1E-06	0.268246	0	2	4 FALSE	P2RX5
18903	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PACS2
18905	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PAFAH2
18912	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PCDHGB6
18914	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PCMTD2
18919	3.226175	0.000117	0.309965	0	2	4 FALSE	PELI1
18921	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PHB2
18923	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PHF20L1
18925	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PHF23
18928	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PIGB
18930	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PLA1A
18938	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PLIN2
18940	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PMAIP1
18946	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PPHLN1
18954	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PPRC1
18956	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PPWD1
18960	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PRKDC
18963	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PRRC2A
18972	3.727926	2.1E-06	0.268246	0	2	4 FALSE	PTMS

18978	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RAB20
18985	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RAD54L2
18987	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RAD9A
18991	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RAPGEF5
18994	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RARB
18997	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RBL1
19004	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RFX5
19015	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RHOBTB3
19019	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RNASET2
19026	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RP11-111M
19028	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RPL11
19032	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RPS6
19036	3.727926	2.1E-06	0.268246	0	2	4 FALSE	RUFY2
19038	3.727926	2.1E-06	0.268246	0	2	4 FALSE	S100A12
19042	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SCAF8
19044	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SCARF2
19050	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SERPINA4
19056	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SESTD1
19060	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SFRP1
19066	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SKA2
19068	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SLC10A3
19070	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SLC16A3
19072	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SLC17A5
19075	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SLC22A15
19079	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SLC2A12
19081	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SLC2A3
19084	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SLC4A1AP
19086	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SLC50A1
19090	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SLK
19096	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SMARCAD1
19103	3.226175	0.000117	0.309965	0	2	4 FALSE	SOS1
19108	3.684055	0.000169	0.27144	0	2	4 FALSE	SPATS2L
19114	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SREK1
19116	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SRPK1
19118	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SRPRB
19122	3.727926	2.1E-06	0.268246	0	2	4 FALSE	ST6GAL2
19131	3.727926	2.1E-06	0.268246	0	2	4 FALSE	STIM1
19133	3.727926	2.1E-06	0.268246	0	2	4 FALSE	STK40
19135	3.727926	2.1E-06	0.268246	0	2	4 FALSE	STMN3
19140	3.727926	2.1E-06	0.268246	0	2	4 FALSE	STXBP2
19142	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SUPT16H
19144	3.727926	2.1E-06	0.268246	0	2	4 FALSE	SYNJ1
19157	3.727926	2.1E-06	0.268246	0	2	4 FALSE	THAP5
19161	3.727926	2.1E-06	0.268246	0	2	4 FALSE	TLL1
19164	3.727926	2.1E-06	0.268246	0	2	4 FALSE	TLR4
19168	3.727926	2.1E-06	0.268246	0	2	4 FALSE	TMEM136
19174	3.727926	2.1E-06	0.268246	0	2	4 FALSE	TMEM41B

19177	3.727926	2.1E-06	0.268246	0	2	4	FALSE		TMPPE
19179	3.727926	2.1E-06	0.268246	0	2	4	FALSE		TMPRSS5
19183	3.226175	0.000117	0.309965	0	2	4	FALSE		TNF-??
19185	3.727926	2.1E-06	0.268246	0	2	4	FALSE		TNFAIP8
19187	3.727926	2.1E-06	0.268246	0	2	4	FALSE		TNIK
19191	3.727926	2.1E-06	0.268246	0	2	4	FALSE		TOMM70A
19199	3.534009	0.000113	0.282965	0	2	4	FALSE		TRAM1
19204	3.727926	2.1E-06	0.268246	0	2	4	FALSE		TRMT112
19206	3.684055	0.000169	0.27144	0	2	4	FALSE		TSPAN14
19214	3.727926	2.1E-06	0.268246	0	2	4	FALSE		UHRF1
19218	3.727926	2.1E-06	0.268246	0	2	4	FALSE		UMPS
19220	3.727926	2.1E-06	0.268246	0	2	4	FALSE		USP48
19233	3.727926	2.1E-06	0.268246	0	2	4	FALSE		WSB2
19236	3.727926	2.1E-06	0.268246	0	2	4	FALSE		YTHDF2
19245	3.226175	0.000117	0.309965	0	2	4	FALSE		ZDHHC12
19250	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZHX1
19254	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZNF175
19258	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZNF257
19260	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZNF26
19266	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZNF410
19269	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZNF493
19271	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZNF597
19273	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZNF620
19275	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZNF629
19280	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZNF768
15503	2.674654	0.18831	0.37388	0	874	3	FALSE	miRNA	hsa-miR-14
19282	3.727926	2.1E-06	0.268246	0	2	4	FALSE		ZNF823
19303	3.234654	9.93E-05	0.309152	0	2	4	FALSE		AFF1
19329	3.617696	8.83E-05	0.276419	0	2	4	FALSE		ATP1A1
19343	3.749309	6.56E-05	0.266716	0	2	4	FALSE		BCAT2
19435	3.540277	9.66E-05	0.282464	0	2	4	FALSE		DDX26B
19473	3.234654	9.93E-05	0.309152	0	2	4	FALSE		FAM160A1
19500	3.234654	9.93E-05	0.309152	0	2	4	FALSE		GINS1
19539	3.617696	8.83E-05	0.276419	0	2	4	FALSE		HSPA1B
19562	3.234654	9.93E-05	0.309152	0	2	4	FALSE		ITSN2
19577	3.234654	9.93E-05	0.309152	0	2	4	FALSE		KIAA2018
19580	3.234654	9.93E-05	0.309152	0	2	4	FALSE		KIT
19605	3.540277	9.66E-05	0.282464	0	2	4	FALSE		LYPLA1
19684	3.234654	9.93E-05	0.309152	0	2	4	FALSE		PBX1
19691	3.540277	9.66E-05	0.282464	0	2	4	FALSE		PDK4
19695	3.540277	9.66E-05	0.282464	0	2	4	FALSE		PEAK1
19705	3.234654	9.93E-05	0.309152	0	2	4	FALSE		PHTF2
19820	3.234654	9.93E-05	0.309152	0	2	4	FALSE		SOGA1
19822	3.234654	9.93E-05	0.309152	0	2	4	FALSE		SORT1
19833	3.540277	9.66E-05	0.282464	0	2	4	FALSE		SSR3
19951	3.234654	9.93E-05	0.309152	0	2	4	FALSE		ZNRF3
19972	3.376221	9.92E-05	0.296189	0	2	4	FALSE		ACACA

20001	3.183041	0.0002	0.314165	0	2	4 FALSE	AHDC1
20049	3.183041	0.0002	0.314165	0	2	4 FALSE	ARHGAP11
20054	3.251982	0.000173	0.307505	0	2	4 FALSE	ARHGAP22
20070	3.183041	0.0002	0.314165	0	2	4 FALSE	ARL6IP1
20075	3.183041	0.0002	0.314165	0	2	4 FALSE	ARMC8
20079	3.183041	0.0002	0.314165	0	2	4 FALSE	ARPC2
20085	3.374009	0.000371	0.296383	0	2	4 FALSE	ASB6
20089	3.183041	0.0002	0.314165	0	2	4 FALSE	ASCL2
20091	3.251982	0.000173	0.307505	0	2	4 FALSE	ASNA1
20101	3.360737	0.000147	0.297554	0	2	4 FALSE	ATG14
20111	3.183041	0.0002	0.314165	0	2	4 FALSE	ATL3
20118	3.183041	0.0002	0.314165	0	2	4 FALSE	ATP2A2
20174	3.183041	0.0002	0.314165	0	2	4 FALSE	BLCAP
20221	3.183041	0.0002	0.314165	0	2	4 FALSE	C19orf48
20227	3.251982	0.000173	0.307505	0	2	4 FALSE	C22orf29
20256	3.183041	0.0002	0.314165	0	2	4 FALSE	C7orf60
20278	3.323134	0.000199	0.300921	0	2	4 FALSE	CAPZA1
20289	3.183041	0.0002	0.314165	0	2	4 FALSE	CBX7
20301	3.251982	0.000173	0.307505	0	2	4 FALSE	CCDC137
20314	3.251982	0.000173	0.307505	0	2	4 FALSE	CCNE2
20366	3.323134	0.000199	0.300921	0	2	4 FALSE	CHAC1
20371	3.317972	0.000174	0.301389	0	2	4 FALSE	CHD9
20392	3.360737	0.000147	0.297554	0	2	4 FALSE	CLIP4
20394	3.251982	0.000173	0.307505	0	2	4 FALSE	CLN6
20445	3.364055	0.000163	0.29726	0	2	4 FALSE	CRIM1
20453	3.317972	0.000174	0.301389	0	2	4 FALSE	CSNK1G1
20455	3.364055	0.000163	0.29726	0	2	4 FALSE	CSNK2A1
20478	3.183041	0.0002	0.314165	0	2	4 FALSE	CYR61
20511	3.183041	0.0002	0.314165	0	2	4 FALSE	DDX39B
20550	3.251982	0.000173	0.307505	0	2	4 FALSE	DIXDC1
20561	3.183041	0.0002	0.314165	0	2	4 FALSE	DNAJB14
20565	3.183041	0.0002	0.314165	0	2	4 FALSE	DNMT1
20585	3.251982	0.000173	0.307505	0	2	4 FALSE	DTL
20599	3.183041	0.0002	0.314165	0	2	4 FALSE	DYRK1A
20605	3.183041	0.0002	0.314165	0	2	4 FALSE	EAF1
20622	3.360737	0.000147	0.297554	0	2	4 FALSE	EIF2A
20637	3.317972	0.000174	0.301389	0	2	4 FALSE	ELMOD2
20641	3.183041	0.0002	0.314165	0	2	4 FALSE	EMC10
20651	3.183041	0.0002	0.314165	0	2	4 FALSE	ENTPD4
20679	3.364055	0.000163	0.29726	0	2	4 FALSE	ESRP1
20683	3.317972	0.000174	0.301389	0	2	4 FALSE	ESYT1
20687	3.251982	0.000173	0.307505	0	2	4 FALSE	EVI5L
20762	3.302488	0.000345	0.302802	0	2	4 FALSE	FBXW2
20768	3.183041	0.0002	0.314165	0	2	4 FALSE	FEM1B
20778	3.251982	0.000173	0.307505	0	2	4 FALSE	FGFRL1
20786	3.317972	0.000174	0.301389	0	2	4 FALSE	FLCN
20799	3.183041	0.0002	0.314165	0	2	4 FALSE	FOXO3



20801	3.183041	0.0002	0.314165	0	2	4 FALSE	FOXP1
20803	3.183041	0.0002	0.314165	0	2	4 FALSE	FOXP2
20874	3.183041	0.0002	0.314165	0	2	4 FALSE	GPR137B
20878	3.360737	0.000147	0.297554	0	2	4 FALSE	GRB10
20891	3.183041	0.0002	0.314165	0	2	4 FALSE	GSKIP
20907	3.251982	0.000173	0.307505	0	2	4 FALSE	HCFC1
20951	3.323134	0.000199	0.300921	0	2	4 FALSE	HS2ST1
20959	3.323134	0.000199	0.300921	0	2	4 FALSE	IDH1
20973	3.317972	0.000174	0.301389	0	2	4 FALSE	IKZF1
20975	3.183041	0.0002	0.314165	0	2	4 FALSE	IL10
21004	3.183041	0.0002	0.314165	0	2	4 FALSE	IPO8
21006	3.352258	0.000211	0.298306	0	2	4 FALSE	IPPK
21024	3.251982	0.000173	0.307505	0	2	4 FALSE	ITPR1
21077	3.251982	0.000173	0.307505	0	2	4 FALSE	KIF2A
21080	3.360737	0.000147	0.297554	0	2	4 FALSE	KIFAP3
21087	3.302488	0.000345	0.302802	0	2	4 FALSE	KLF13
21142	3.352258	0.000211	0.298306	0	2	4 FALSE	LRIG3
21161	3.251982	0.000173	0.307505	0	2	4 FALSE	LZTFL1
21175	3.251982	0.000173	0.307505	0	2	4 FALSE	MAP4
21193	3.251982	0.000173	0.307505	0	2	4 FALSE	MAZ
21207	3.183041	0.0002	0.314165	0	2	4 FALSE	MBOAT7
21220	3.323134	0.000199	0.300921	0	2	4 FALSE	MECP2
21245	3.183041	0.0002	0.314165	0	2	4 FALSE	MGEA5
21274	3.302488	0.000345	0.302802	0	2	4 FALSE	MOCS3
21298	3.302488	0.000345	0.302802	0	2	4 FALSE	MTPAP
21317	3.352258	0.000211	0.298306	0	2	4 FALSE	MYLIP
21340	3.323134	0.000199	0.300921	0	2	4 FALSE	NCOA1
21347	3.302488	0.000345	0.302802	0	2	4 FALSE	NCOR2
21372	3.317972	0.000174	0.301389	0	2	4 FALSE	NIPA1
21399	3.352258	0.000211	0.298306	0	2	4 FALSE	NRBF2
21415	3.251982	0.000173	0.307505	0	2	4 FALSE	NUP188
21418	3.183041	0.0002	0.314165	0	2	4 FALSE	NUP50
21473	3.302488	0.000345	0.302802	0	2	4 FALSE	PDE7A
21499	3.323134	0.000199	0.300921	0	2	4 FALSE	PGM2L1
21560	3.183041	0.0002	0.314165	0	2	4 FALSE	POLG
21562	3.360737	0.000147	0.297554	0	2	4 FALSE	POLI
21566	3.352258	0.000211	0.298306	0	2	4 FALSE	POLR2B
21587	3.183041	0.0002	0.314165	0	2	4 FALSE	PPP2CA
21619	3.360737	0.000147	0.297554	0	2	4 FALSE	PRKX
21647	3.323134	0.000199	0.300921	0	2	4 FALSE	PTCD2
21670	3.183041	0.0002	0.314165	0	2	4 FALSE	QTRTD1
21683	3.251982	0.000173	0.307505	0	2	4 FALSE	RAB34
21699	3.364055	0.000163	0.29726	0	2	4 FALSE	RAP1A
21717	3.302488	0.000345	0.302802	0	2	4 FALSE	RBBP8
21719	3.251982	0.000173	0.307505	0	2	4 FALSE	RBCK1
21721	3.251982	0.000173	0.307505	0	2	4 FALSE	RBM14
21726	3.323134	0.000199	0.300921	0	2	4 FALSE	RBM38

21769	3.183041	0.0002	0.314165	0	2	4 FALSE	RNF38
21776	3.364055	0.000163	0.29726	0	2	4 FALSE	RNMT
21779	3.360737	0.000147	0.297554	0	2	4 FALSE	RORB
21802	3.251982	0.000173	0.307505	0	2	4 FALSE	RRAGD
21807	3.183041	0.0002	0.314165	0	2	4 FALSE	RSPRY1
21810	3.251982	0.000173	0.307505	0	2	4 FALSE	RUNX2
21812	3.183041	0.0002	0.314165	0	2	4 FALSE	RYBP
21828	3.251982	0.000173	0.307505	0	2	4 FALSE	SAR1A
21841	3.352258	0.000211	0.298306	0	2	4 FALSE	SCML1
21852	3.183041	0.0002	0.314165	0	2	4 FALSE	SEC24C
21914	3.251982	0.000173	0.307505	0	2	4 FALSE	SLC2A13
21971	3.323134	0.000199	0.300921	0	2	4 FALSE	SMYD2
21976	3.251982	0.000173	0.307505	0	2	4 FALSE	SNX17
22007	3.183041	0.0002	0.314165	0	2	4 FALSE	SPHK2
22009	3.323134	0.000199	0.300921	0	2	4 FALSE	SPOPL
22013	3.323134	0.000199	0.300921	0	2	4 FALSE	SPRYD3
22016	3.251982	0.000173	0.307505	0	2	4 FALSE	SPTSSA
22030	3.183041	0.0002	0.314165	0	2	4 FALSE	SSR1
22040	3.251982	0.000173	0.307505	0	2	4 FALSE	STEAP3
22044	3.183041	0.0002	0.314165	0	2	4 FALSE	STK35
22063	3.183041	0.0002	0.314165	0	2	4 FALSE	SV2A
22094	3.183041	0.0002	0.314165	0	2	4 FALSE	TBRG1
22112	3.183041	0.0002	0.314165	0	2	4 FALSE	TIA1
22137	3.251982	0.000173	0.307505	0	2	4 FALSE	TMEM127
22198	3.323134	0.000199	0.300921	0	2	4 FALSE	TP53
22212	3.183041	0.0002	0.314165	0	2	4 FALSE	TRIM2
22251	3.251982	0.000173	0.307505	0	2	4 FALSE	UBA52
22261	3.251982	0.000173	0.307505	0	2	4 FALSE	UBE2Q1
22269	3.360737	0.000147	0.297554	0	2	4 FALSE	UBFD1
22271	3.183041	0.0002	0.314165	0	2	4 FALSE	UBL3
22275	3.317972	0.000174	0.301389	0	2	4 FALSE	UBQLN2
22292	3.251982	0.000173	0.307505	0	2	4 FALSE	USP8
22303	3.183041	0.0002	0.314165	0	2	4 FALSE	VMA21
22309	3.302488	0.000345	0.302802	0	2	4 FALSE	VPS35
22329	3.183041	0.0002	0.314165	0	2	4 FALSE	WBP2
22344	3.183041	0.0002	0.314165	0	2	4 FALSE	WDR43
22383	3.251982	0.000173	0.307505	0	2	4 FALSE	ZBTB10
22413	3.183041	0.0002	0.314165	0	2	4 FALSE	ZFYVE26
22472	3.302488	0.000345	0.302802	0	2	4 FALSE	ZNF584
22506	3.894562	7.65E-05	0.256768	0	2	6 FALSE	1-Mar
22526	3.787281	8.67E-05	0.264042	0	2	4 FALSE	CNN3
22540	3.92	6.66E-05	0.255102	0	2	4 FALSE	FPR1
22543	3.787281	8.67E-05	0.264042	0	2	4 FALSE	GAS7
22560	3.787281	8.67E-05	0.264042	0	2	4 FALSE	LNPB
22606	3.787281	8.67E-05	0.264042	0	2	4 FALSE	TBCK
22664	3.720922	0.000241	0.268751	0	2	4 FALSE	ANKS1A
22671	3.802028	9.02E-05	0.263018	0	2	4 FALSE	ARHGDI1A

22689	3.782857	0.000102	0.26435	0	2	4 FALSE	AUTS2
22720	3.576406	0.000117	0.27961	0	2	4 FALSE	C1orf109
22723	3.80129	4.99E-05	0.263069	0	2	4 FALSE	C3orf58
22748	3.576406	0.000117	0.27961	0	2	4 FALSE	CDK16
22756	3.576406	0.000117	0.27961	0	2	4 FALSE	CHAF1A
22759	3.773641	0.000158	0.264996	0	2	4 FALSE	CHD4
22763	3.730507	0.000149	0.26806	0	2	4 FALSE	CHFR
22773	3.738618	0.000136	0.267479	0	2	4 FALSE	CMTM4
22793	3.782857	0.000102	0.26435	0	2	4 FALSE	CTIF
22867	3.730507	0.000149	0.26806	0	2	4 FALSE	FOXN3
22871	3.576406	0.000117	0.27961	0	2	4 FALSE	FZD3
22898	3.720922	0.000241	0.268751	0	2	4 FALSE	GNB1L
22904	3.738618	0.000136	0.267479	0	2	4 FALSE	GPR137C
22914	3.576406	0.000117	0.27961	0	2	4 FALSE	H6PD
22946	3.576406	0.000117	0.27961	0	2	4 FALSE	ILF3
22963	3.576406	0.000117	0.27961	0	2	4 FALSE	KIAA0195
22979	3.576406	0.000117	0.27961	0	2	4 FALSE	LENG8
22989	3.720922	0.000241	0.268751	0	2	4 FALSE	LRRC47
22991	3.576406	0.000117	0.27961	0	2	4 FALSE	LTBP3
22994	3.576406	0.000117	0.27961	0	2	4 FALSE	LZTS2
23002	3.720922	0.000241	0.268751	0	2	4 FALSE	MAST3
23011	3.802028	9.02E-05	0.263018	0	2	4 FALSE	MED28
23070	3.576406	0.000117	0.27961	0	2	4 FALSE	NPDC1
23078	3.576406	0.000117	0.27961	0	2	4 FALSE	NUDT16L1
23103	3.720922	0.000241	0.268751	0	2	4 FALSE	PDXX
23122	3.576406	0.000117	0.27961	0	2	4 FALSE	POLR3E
23127	3.576406	0.000117	0.27961	0	2	4 FALSE	PPP1CA
23138	3.738618	0.000136	0.267479	0	2	4 FALSE	PSMD11
23141	3.802028	9.02E-05	0.263018	0	2	4 FALSE	PTDSS2
23148	3.738618	0.000136	0.267479	0	2	4 FALSE	RAB11FIP2
23159	3.738618	0.000136	0.267479	0	2	4 FALSE	RASL10B
23181	3.576406	0.000117	0.27961	0	2	4 FALSE	SATB2
23204	3.773641	0.000158	0.264996	0	2	4 FALSE	SMARCC2
23251	3.576406	0.000117	0.27961	0	2	4 FALSE	TMEM1321
23266	3.576406	0.000117	0.27961	0	2	4 FALSE	TNRC18
23416	3.649401	0.000136	0.274018	0	2	4 FALSE	CENPQ
23425	3.649401	0.000136	0.274018	0	2	4 FALSE	CRLF3
23448	3.649401	0.000136	0.274018	0	2	4 FALSE	DONSON
23566	3.824885	0.000136	0.261446	0	2	4 FALSE	P2RY10
23584	3.649401	0.000136	0.274018	0	2	4 FALSE	PHACTR4
23586	3.862488	0.000107	0.2589	0	2	4 FALSE	PIK3C2A
23619	3.824885	0.000136	0.261446	0	2	4 FALSE	RIF1
23677	3.870599	0.000141	0.258358	0	2	4 FALSE	UBA3
23688	3.649401	0.000136	0.274018	0	2	4 FALSE	YPEL2
23703	3.649401	0.000136	0.274018	0	2	4 FALSE	ZNF248
23717	3.880184	9.08E-05	0.25772	0	2	4 FALSE	ARGFX
23725	3.714286	0.000112	0.269231	0	2	4 FALSE	CCNI2

23743	3.943594	2.36E-05	0.253576	0	2	6	FALSE	KCNJ6
23754	3.714286	0.000112	0.269231	0	2	4	FALSE	P4HB
23801	3.852903	0.000212	0.259545	0	2	4	FALSE	CCDC127
23807	3.87023	8.92E-05	0.258383	0	2	4	FALSE	CEBPB
23846	3.87023	8.92E-05	0.258383	0	2	4	FALSE	KLF7
23860	3.87023	8.92E-05	0.258383	0	2	4	FALSE	MAP2
23911	3.688848	0.000183	0.271087	0	2	4	FALSE	SPATA13
23919	3.87023	8.92E-05	0.258383	0	2	4	FALSE	SULT1B1
23948	3.688848	0.000183	0.271087	0	2	4	FALSE	ZC3H12C
23974	3.716866	0.000111	0.269044	0	2	4	FALSE	CAPN15
24018	3.897512	0.000105	0.256574	0	2	4	FALSE	TOR4A
24055	3.816774	0.000149	0.262001	0	2	4	FALSE	C2orf82
24099	3.6553	0.000158	0.273575	0	2	4	FALSE	FMNL3
24107	3.6553	0.000158	0.273575	0	2	4	FALSE	GATA2
24167	3.816774	0.000149	0.262001	0	2	4	FALSE	LRIG2
24175	3.6553	0.000158	0.273575	0	2	4	FALSE	M6PR
24188	3.816774	0.000149	0.262001	0	2	4	FALSE	MINOS1
24207	3.6553	0.000158	0.273575	0	2	4	FALSE	NKIRAS2
24219	3.6553	0.000158	0.273575	0	2	4	FALSE	OXA1L
24252	3.6553	0.000158	0.273575	0	2	4	FALSE	RAC3
24287	3.816774	0.000149	0.262001	0	2	4	FALSE	SLC10A6
24346	3.6553	0.000158	0.273575	0	2	4	FALSE	YWHAZ
24351	3.816774	0.000149	0.262001	0	2	4	FALSE	ZMYM1
24428	3.636129	0.000307	0.275018	0	2	4	FALSE	CDR1
24465	3.863226	8.63E-05	0.258851	0	2	4	FALSE	FADS1
24467	3.636129	0.000307	0.275018	0	2	4	FALSE	FBXL18
24621	3.636129	0.000307	0.275018	0	2	4	FALSE	PTBP1
24703	3.636129	0.000307	0.275018	0	2	4	FALSE	TMEM109
24801	3.699908	8.67E-05	0.270277	0	2	4	FALSE	ERGIC2
24823	3.699908	8.67E-05	0.270277	0	2	4	FALSE	INIP
24830	3.699908	8.67E-05	0.270277	0	2	4	FALSE	LGALS3BP
24883	3.699908	8.67E-05	0.270277	0	2	4	FALSE	TNPO3
11832	3.496037	0	0.286038	0	1	4	FALSE	ABHD10
11840	3.496037	0	0.286038	0	1	4	FALSE	ACP2
11844	3.496037	0	0.286038	0	1	4	FALSE	ACTN4
11846	3.496037	0	0.286038	0	1	4	FALSE	ACVR2B
11848	3.496037	0	0.286038	0	1	4	FALSE	ACYP1
11852	3.496037	0	0.286038	0	1	4	FALSE	ADAT1
11858	3.496037	0	0.286038	0	1	4	FALSE	ADNP2
11866	3.496037	0	0.286038	0	1	4	FALSE	AFF4
11876	3.496037	0	0.286038	0	1	4	FALSE	AHCY
11886	3.496037	0	0.286038	0	1	4	FALSE	AMD1
11890	3.496037	0	0.286038	0	1	4	FALSE	ANK3
11912	3.496037	0	0.286038	0	1	4	FALSE	AP1S2
11914	3.496037	0	0.286038	0	1	4	FALSE	AP1S3
11918	3.496037	0	0.286038	0	1	4	FALSE	AP4E1
11922	3.496037	0	0.286038	0	1	4	FALSE	APOOL

11926	3.496037	0	0.286038	0	1	4 FALSE	APPBP2
11934	3.496037	0	0.286038	0	1	4 FALSE	ARF1
11942	3.496037	0	0.286038	0	1	4 FALSE	ARHGAP17
11948	3.496037	0	0.286038	0	1	4 FALSE	ARHGEF11
11950	3.496037	0	0.286038	0	1	4 FALSE	ARHGEF3
11954	3.496037	0	0.286038	0	1	4 FALSE	ARID2
11956	3.496037	0	0.286038	0	1	4 FALSE	ARID4A
11962	3.496037	0	0.286038	0	1	4 FALSE	ARL4C
11980	3.496037	0	0.286038	0	1	4 FALSE	ATG12
11982	3.496037	0	0.286038	0	1	4 FALSE	ATG4D
11990	3.496037	0	0.286038	0	1	4 FALSE	ATP1B1
11994	3.496037	0	0.286038	0	1	4 FALSE	ATP5A1
11996	3.496037	0	0.286038	0	1	4 FALSE	ATP5B
11998	3.496037	0	0.286038	0	1	4 FALSE	ATP5G3
12000	3.496037	0	0.286038	0	1	4 FALSE	ATP6AP2
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12014	3.496037	0	0.286038	0	1	4 FALSE	B2M
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12032	3.496037	0	0.286038	0	1	4 FALSE	BCL9
12040	3.496037	0	0.286038	0	1	4 FALSE	BEND4
12042	3.496037	0	0.286038	0	1	4 FALSE	BICC1
12046	3.496037	0	0.286038	0	1	4 FALSE	BIRC5
12050	3.496037	0	0.286038	0	1	4 FALSE	BLOC1S6
12054	3.496037	0	0.286038	0	1	4 FALSE	BMT2
12056	3.496037	0	0.286038	0	1	4 FALSE	BRIP1
12064	3.496037	0	0.286038	0	1	4 FALSE	BTRC
12068	3.496037	0	0.286038	0	1	4 FALSE	BZW1
12070	3.496037	0	0.286038	0	1	4 FALSE	BZW2
12072	3.496037	0	0.286038	0	1	4 FALSE	C10orf12
12074	3.496037	0	0.286038	0	1	4 FALSE	C10orf88
12082	3.496037	0	0.286038	0	1	4 FALSE	C17orf104
12084	3.496037	0	0.286038	0	1	4 FALSE	C19orf12
12086	3.496037	0	0.286038	0	1	4 FALSE	C1orf147
12088	3.496037	0	0.286038	0	1	4 FALSE	C1orf52
12092	3.496037	0	0.286038	0	1	4 FALSE	C22orf39
12094	3.496037	0	0.286038	0	1	4 FALSE	C3orf38
12096	3.496037	0	0.286038	0	1	4 FALSE	C5orf15
12100	3.496037	0	0.286038	0	1	4 FALSE	C7orf31
12102	3.496037	0	0.286038	0	1	4 FALSE	C7orf49
12106	3.496037	0	0.286038	0	1	4 FALSE	C7orf73
12108	3.496037	0	0.286038	0	1	4 FALSE	C8orf4
12110	3.496037	0	0.286038	0	1	4 FALSE	C8orf76
12112	3.496037	0	0.286038	0	1	4 FALSE	CA12
12114	3.496037	0	0.286038	0	1	4 FALSE	CAAP1
12128	3.496037	0	0.286038	0	1	4 FALSE	CAPZB
12130	3.496037	0	0.286038	0	1	4 FALSE	CARNMT1
12136	3.496037	0	0.286038	0	1	4 FALSE	CBX2

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12148	3.496037	0	0.286038	0	1	4 FALSE	CCNC
12160	3.496037	0	0.286038	0	1	4 FALSE	CCNJ
12164	3.496037	0	0.286038	0	1	4 FALSE	CCNY
12174	3.496037	0	0.286038	0	1	4 FALSE	CD38
12182	3.496037	0	0.286038	0	1	4 FALSE	CD55
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12206	3.496037	0	0.286038	0	1	4 FALSE	CDK2AP1
12210	3.496037	0	0.286038	0	1	4 FALSE	CDK8
12214	3.496037	0	0.286038	0	1	4 FALSE	CEBPA
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12218	3.496037	0	0.286038	0	1	4 FALSE	CELF2
12222	3.496037	0	0.286038	0	1	4 FALSE	CERK
12232	3.496037	0	0.286038	0	1	4 FALSE	CHAMP1
12242	3.496037	0	0.286038	0	1	4 FALSE	CHRAC1
12244	3.496037	0	0.286038	0	1	4 FALSE	CHST15
12246	3.496037	0	0.286038	0	1	4 FALSE	CHSY1
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12258	3.496037	0	0.286038	0	1	4 FALSE	CLCN3
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12268	3.496037	0	0.286038	0	1	4 FALSE	CLSPN
12270	3.496037	0	0.286038	0	1	4 FALSE	CLSTN1
12274	3.496037	0	0.286038	0	1	4 FALSE	CMIP
12276	3.496037	0	0.286038	0	1	4 FALSE	CMTM6
12278	3.496037	0	0.286038	0	1	4 FALSE	CNEP1R1
12286	3.496037	0	0.286038	0	1	4 FALSE	COPS7B
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12324	3.496037	0	0.286038	0	1	4 FALSE	CSRP2
12338	3.496037	0	0.286038	0	1	4 FALSE	CYP51A1
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15476	3.806452	0	0.262712	0	1	4 FALSE	ZNF557
15482	3.806452	0	0.262712	0	1	4 FALSE	ZNF610
15484	3.806452	0	0.262712	0	1	4 FALSE	ZNF641
15488	3.806452	0	0.262712	0	1	4 FALSE	ZNF695

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15679	3.67447	0	0.272148	0	1	4 FALSE	C6orf106
15681	3.67447	0	0.272148	0	1	4 FALSE	C9orf91
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16632	3.67447	0	0.272148	0	1	4 FALSE	SCN11A
16634	3.67447	0	0.272148	0	1	4 FALSE	SCN2B
16640	3.67447	0	0.272148	0	1	4 FALSE	SDR39U1
16649	3.67447	0	0.272148	0	1	4 FALSE	SERPINB1
16654	3.67447	0	0.272148	0	1	4 FALSE	SETMAR
16656	3.67447	0	0.272148	0	1	4 FALSE	SF3B2
16662	3.67447	0	0.272148	0	1	4 FALSE	SFXN2
16666	3.67447	0	0.272148	0	1	4 FALSE	SIK1
16668	3.67447	0	0.272148	0	1	4 FALSE	SIPA1L3
16672	3.67447	0	0.272148	0	1	4 FALSE	SLC15A4
16674	3.67447	0	0.272148	0	1	4 FALSE	SLC1A3
16682	3.67447	0	0.272148	0	1	4 FALSE	SLC25A42
16688	3.67447	0	0.272148	0	1	4 FALSE	SLC26A6
16690	3.67447	0	0.272148	0	1	4 FALSE	SLC2A14
16692	3.67447	0	0.272148	0	1	4 FALSE	SLC30A9
16694	3.67447	0	0.272148	0	1	4 FALSE	SLC35B2
16696	3.67447	0	0.272148	0	1	4 FALSE	SLC35F6
16700	3.67447	0	0.272148	0	1	4 FALSE	SLC38A7
16702	3.67447	0	0.272148	0	1	4 FALSE	SLC39A1
16705	3.67447	0	0.272148	0	1	4 FALSE	SLC6A18
16719	3.67447	0	0.272148	0	1	4 FALSE	SMG9
16722	3.67447	0	0.272148	0	1	4 FALSE	SNX2
16726	3.67447	0	0.272148	0	1	4 FALSE	SOBP
16732	3.67447	0	0.272148	0	1	4 FALSE	SP110
16734	3.67447	0	0.272148	0	1	4 FALSE	SP2
16737	3.67447	0	0.272148	0	1	4 FALSE	SPRED3
16741	3.67447	0	0.272148	0	1	4 FALSE	SPTLC2
16744	3.67447	0	0.272148	0	1	4 FALSE	SRCAP
16746	3.67447	0	0.272148	0	1	4 FALSE	SRRM1
16748	3.67447	0	0.272148	0	1	4 FALSE	SRRM2
16759	3.67447	0	0.272148	0	1	4 FALSE	STRBP
16761	3.67447	0	0.272148	0	1	4 FALSE	STRN
16763	3.67447	0	0.272148	0	1	4 FALSE	SWSAP1
16765	3.67447	0	0.272148	0	1	4 FALSE	SYCE1
16771	3.67447	0	0.272148	0	1	4 FALSE	TAF10
16775	3.67447	0	0.272148	0	1	4 FALSE	TAF4B
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16781	3.67447	0	0.272148	0	1	4 FALSE	TATDN2
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16788	3.67447	0	0.272148	0	1	4 FALSE	TENM4
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16845	3.67447	0	0.272148	0	1	4 FALSE	TONSL
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16907	3.67447	0	0.272148	0	1	4 FALSE	VASH1
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16913	3.67447	0	0.272148	0	1	4 FALSE	VOPP1
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16920	3.67447	0	0.272148	0	1	4 FALSE	WDFY1
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16973	3.67447	0	0.272148	0	1	4 FALSE	ZDHHC3
16978	3.67447	0	0.272148	0	1	4 FALSE	ZFP36
16982	3.67447	0	0.272148	0	1	4 FALSE	ZFP37
16984	3.67447	0	0.272148	0	1	4 FALSE	ZHX2
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16995	3.67447	0	0.272148	0	1	4 FALSE	ZNF23

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17072	3.960184	0	0.252514	0	1	6	FALSE	CDK5R1
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17142	3.960184	0	0.252514	0	1	6	FALSE	NTRK2
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17175	3.960184	0	0.252514	0	1	6	FALSE	RPS16
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17185	3.960184	0	0.252514	0	1	6	FALSE	SHC1
17187	3.960184	0	0.252514	0	1	6	FALSE	SIGLEC14
17189	3.960184	0	0.252514	0	1	6	FALSE	SLC13A4
17205	3.960184	0	0.252514	0	1	6	FALSE	TBC1D8
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17356	3.758894	0	0.266036	0	1	4 FALSE	CAMK1D
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17803	3.758894	0	0.266036	0	1	4	FALSE		MTR
17805	3.758894	0	0.266036	0	1	4	FALSE		MUC1
17807	3.758894	0	0.266036	0	1	4	FALSE		MUC19
17809	3.758894	0	0.266036	0	1	4	FALSE		MUC4
17816	3.758894	0	0.266036	0	1	4	FALSE		MYOCD
17818	3.758894	0	0.266036	0	1	4	FALSE		MYOF
17823	3.758894	0	0.266036	0	1	4	FALSE		NAIP
17828	3.758894	0	0.266036	0	1	4	FALSE		NAP1L4
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17835	3.758894	0	0.266036	0	1	4	FALSE		NDRG2
17837	3.758894	0	0.266036	0	1	4	FALSE		NDUFA4
17839	3.758894	0	0.266036	0	1	4	FALSE		NDUFS1
17841	3.758894	0	0.266036	0	1	4	FALSE		NDUFS2
17843	3.758894	0	0.266036	0	1	4	FALSE		NEDD9
17847	3.758894	0	0.266036	0	1	4	FALSE		NFIL3
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17857	3.758894	0	0.266036	0	1	4	FALSE		NOB1
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17863	3.758894	0	0.266036	0	1	4	FALSE		NOSTRIN
17871	3.758894	0	0.266036	0	1	4	FALSE		NUDT1
17873	3.758894	0	0.266036	0	1	4	FALSE		NUDT13
17876	3.758894	0	0.266036	0	1	4	FALSE		NUP107
17885	3.758894	0	0.266036	0	1	4	FALSE		P4HA1
17887	3.758894	0	0.266036	0	1	4	FALSE		PADI1
17890	3.758894	0	0.266036	0	1	4	FALSE		PAK1
17892	3.758894	0	0.266036	0	1	4	FALSE		PAK4
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17900	3.758894	0	0.266036	0	1	4	FALSE		PARP8
17902	3.758894	0	0.266036	0	1	4	FALSE		PCMTD1
17904	3.758894	0	0.266036	0	1	4	FALSE		PCSK5
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17912	3.758894	0	0.266036	0	1	4	FALSE		PIGF
17917	3.758894	0	0.266036	0	1	4	FALSE		PLAT
17920	3.758894	0	0.266036	0	1	4	FALSE		PLEK2
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17937	3.758894	0	0.266036	0	1	4	FALSE		PPP3CA
17943	3.758894	0	0.266036	0	1	4	FALSE		PRKCA
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18076	3.758894	0	0.266036	0	1	4 FALSE	SMIM17
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18093	3.758894	0	0.266036	0	1	4 FALSE	SOX10
18100	3.758894	0	0.266036	0	1	4 FALSE	SP100
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18111	3.758894	0	0.266036	0	1	4 FALSE	SPTLC1
18113	3.758894	0	0.266036	0	1	4 FALSE	SPTY2D1
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18128	3.758894	0	0.266036	0	1	4 FALSE	STEAP1
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18148	3.758894	0	0.266036	0	1	4 FALSE	TBC1D22B
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18174	3.758894	0	0.266036	0	1	4 FALSE	TIPRL
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18179	3.758894	0	0.266036	0	1	4 FALSE	TLR6
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18194	3.758894	0	0.266036	0	1	4 FALSE	TMOD2
18198	3.758894	0	0.266036	0	1	4 FALSE	TNC
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18257	3.758894	0	0.266036	0	1	4 FALSE	WASHC2C
18260	3.758894	0	0.266036	0	1	4 FALSE	WNT11
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18439	3.778065	0	0.264686	0	1	4	FALSE	CASP7
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18454	3.778065	0	0.264686	0	1	4	FALSE	CCR9
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18472	3.778065	0	0.264686	0	1	4	FALSE	CDKN3
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18500	3.778065	0	0.264686	0	1	4	FALSE	CPNE3
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20059	3.388756	0	0.295094	0	1	4 FALSE	ARHGEF12
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20213	3.388756	0	0.295094	0	1	4 FALSE	C16orf70
20217	3.388756	0	0.295094	0	1	4 FALSE	C18orf25
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20944	3.388756	0	0.295094	0	1	4 FALSE	HOXA5
20946	3.388756	0	0.295094	0	1	4 FALSE	HOXB3
20948	3.388756	0	0.295094	0	1	4 FALSE	HOXB9
20955	3.388756	0	0.295094	0	1	4 FALSE	IARS
20961	3.388756	0	0.295094	0	1	4 FALSE	IDNK
20966	3.388756	0	0.295094	0	1	4 FALSE	IGF2BP3
20969	3.388756	0	0.295094	0	1	4 FALSE	IGFBP3
20971	3.388756	0	0.295094	0	1	4 FALSE	IGSF3
20977	3.388756	0	0.295094	0	1	4 FALSE	IL1R1
20980	3.388756	0	0.295094	0	1	4 FALSE	IL2RB
20982	3.388756	0	0.295094	0	1	4 FALSE	IMPDH1
20984	3.388756	0	0.295094	0	1	4 FALSE	IMPDH1P1
20987	3.388756	0	0.295094	0	1	4 FALSE	INF2
20989	3.388756	0	0.295094	0	1	4 FALSE	INHBA
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20997	3.388756	0	0.295094	0	1	4 FALSE	INTS2
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21016	3.388756	0	0.295094	0	1	4 FALSE	ITGA6
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21037	3.388756	0	0.295094	0	1	4 FALSE	JUND
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21128	3.388756	0	0.295094	0	1	4 FALSE	LONRF1
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22179	3.388756	0	0.295094	0	1	4	FALSE	TNFRSF1A
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22263	3.388756	0	0.295094	0	1	4	FALSE		UBE2Q2
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22315	3.388756	0	0.295094	0	1	4	FALSE		VPS39
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22324	3.388756	0	0.295094	0	1	4	FALSE		WARS
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22331	3.388756	0	0.295094	0	1	4	FALSE		WBP4
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22911	3.816406	0	0.262027	0	1	4 FALSE	GRM7
22916	3.816406	0	0.262027	0	1	4 FALSE	HAPLN3
22919	3.816406	0	0.262027	0	1	4 FALSE	HIP1R

22921	3.816406	0	0.262027	0	1	4 FALSE	HIRIP3
22923	3.816406	0	0.262027	0	1	4 FALSE	HK1
22925	3.816406	0	0.262027	0	1	4 FALSE	HN1L
22929	3.816406	0	0.262027	0	1	4 FALSE	HNRNPUL2
22932	3.816406	0	0.262027	0	1	4 FALSE	HOXA13
22938	3.816406	0	0.262027	0	1	4 FALSE	IFI35
22944	3.816406	0	0.262027	0	1	4 FALSE	IL6R
22949	3.816406	0	0.262027	0	1	4 FALSE	IQCJ-SCHIP
22952	3.816406	0	0.262027	0	1	4 FALSE	IRF3
22955	3.816406	0	0.262027	0	1	4 FALSE	ITGB3
22959	3.816406	0	0.262027	0	1	4 FALSE	JOSD2
22968	3.816406	0	0.262027	0	1	4 FALSE	KLHDC10
22972	3.816406	0	0.262027	0	1	4 FALSE	KT112
22974	3.816406	0	0.262027	0	1	4 FALSE	LAPTM4A
22977	3.816406	0	0.262027	0	1	4 FALSE	LDHA
22982	3.816406	0	0.262027	0	1	4 FALSE	LLGL1
22986	3.816406	0	0.262027	0	1	4 FALSE	LRRC32
22999	3.816406	0	0.262027	0	1	4 FALSE	MAPT
23006	3.816406	0	0.262027	0	1	4 FALSE	MCFD2
23013	3.816406	0	0.262027	0	1	4 FALSE	MEGF8
23017	3.816406	0	0.262027	0	1	4 FALSE	MFSD8
23021	3.816406	0	0.262027	0	1	4 FALSE	MIEF1
23029	3.816406	0	0.262027	0	1	4 FALSE	MOAP1
23034	3.816406	0	0.262027	0	1	4 FALSE	MTHFR
23036	3.816406	0	0.262027	0	1	4 FALSE	MTMR9
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23040	3.816406	0	0.262027	0	1	4 FALSE	MXD4
23043	3.816406	0	0.262027	0	1	4 FALSE	MYB
23045	3.816406	0	0.262027	0	1	4 FALSE	MYBL2
23052	3.816406	0	0.262027	0	1	4 FALSE	MYO19
23057	3.816406	0	0.262027	0	1	4 FALSE	NAT8L
23059	3.816406	0	0.262027	0	1	4 FALSE	NEUROD2
23062	3.816406	0	0.262027	0	1	4 FALSE	NFKBIA
23068	3.816406	0	0.262027	0	1	4 FALSE	NOTCH4
23072	3.816406	0	0.262027	0	1	4 FALSE	NR2C2AP
23074	3.816406	0	0.262027	0	1	4 FALSE	NTN1
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23082	3.816406	0	0.262027	0	1	4 FALSE	NUP210
23084	3.816406	0	0.262027	0	1	4 FALSE	NXF1
23086	3.816406	0	0.262027	0	1	4 FALSE	OXNAD1
23090	3.816406	0	0.262027	0	1	4 FALSE	PANK2
23093	3.816406	0	0.262027	0	1	4 FALSE	PAPLN
23095	3.816406	0	0.262027	0	1	4 FALSE	PARP1
23099	3.816406	0	0.262027	0	1	4 FALSE	PCNXL3
23105	3.816406	0	0.262027	0	1	4 FALSE	PEA15
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23110	3.816406	0	0.262027	0	1	4 FALSE	PHB

23112	3.816406	0	0.262027	0	1	4	FALSE		PHF19
23114	3.816406	0	0.262027	0	1	4	FALSE		PIGX
23116	3.816406	0	0.262027	0	1	4	FALSE		PLA2G2D
23118	3.816406	0	0.262027	0	1	4	FALSE		PLK2
23125	3.816406	0	0.262027	0	1	4	FALSE		PPAN-P2RY
23131	3.816406	0	0.262027	0	1	4	FALSE		PPP2R1A
23133	3.816406	0	0.262027	0	1	4	FALSE		PRCC
23136	3.816406	0	0.262027	0	1	4	FALSE		PRRT2
23143	3.816406	0	0.262027	0	1	4	FALSE		PTENP1
23150	3.816406	0	0.262027	0	1	4	FALSE		RAB11FIP4
23153	3.816406	0	0.262027	0	1	4	FALSE		RAI14
23155	3.816406	0	0.262027	0	1	4	FALSE		RALY
23166	3.816406	0	0.262027	0	1	4	FALSE		RHBDF2
23170	3.816406	0	0.262027	0	1	4	FALSE		RPS12
23173	3.816406	0	0.262027	0	1	4	FALSE		RTL8A
23176	3.816406	0	0.262027	0	1	4	FALSE		RWDD2A
23179	3.816406	0	0.262027	0	1	4	FALSE		SARS2
23184	3.816406	0	0.262027	0	1	4	FALSE		SCRN1
23358	2.906175	0.043171	0.344095	0	246	3	FALSE	miRNA	hsa-miR-36
23189	3.816406	0	0.262027	0	1	4	FALSE		SF3A2
23192	3.816406	0	0.262027	0	1	4	FALSE		SHANK3
23196	3.816406	0	0.262027	0	1	4	FALSE		SKI
23199	3.816406	0	0.262027	0	1	4	FALSE		SLC35G2
23207	3.816406	0	0.262027	0	1	4	FALSE		SNCA
23212	3.816406	0	0.262027	0	1	4	FALSE		SPAM1
23216	3.816406	0	0.262027	0	1	4	FALSE		SRSF2
23219	3.816406	0	0.262027	0	1	4	FALSE		SSX5
23224	3.816406	0	0.262027	0	1	4	FALSE		STK25
23226	3.816406	0	0.262027	0	1	4	FALSE		STK38L
23228	3.816406	0	0.262027	0	1	4	FALSE		SYNGR2
23233	3.816406	0	0.262027	0	1	4	FALSE		TBC1D23
23236	3.816406	0	0.262027	0	1	4	FALSE		TEX22
23238	3.816406	0	0.262027	0	1	4	FALSE		TFEB
23244	3.816406	0	0.262027	0	1	4	FALSE		TIAF1
23247	3.816406	0	0.262027	0	1	4	FALSE		TJP2
23255	3.816406	0	0.262027	0	1	4	FALSE		TMEM246
23257	3.816406	0	0.262027	0	1	4	FALSE		TMLHE
23259	3.816406	0	0.262027	0	1	4	FALSE		TNFSF12-TI
23261	3.816406	0	0.262027	0	1	4	FALSE		TNK2
23263	3.816406	0	0.262027	0	1	4	FALSE		TNKS1BP1
23270	3.816406	0	0.262027	0	1	4	FALSE		TOP2A
23272	3.816406	0	0.262027	0	1	4	FALSE		TPCN2
23275	3.816406	0	0.262027	0	1	4	FALSE		TRIM41
23280	3.816406	0	0.262027	0	1	4	FALSE		TTK
23288	3.816406	0	0.262027	0	1	4	FALSE		UBE2S
23290	3.816406	0	0.262027	0	1	4	FALSE		UBIAD1
23292	3.816406	0	0.262027	0	1	4	FALSE		UBL4A

23295	3.816406	0	0.262027	0	1	4 FALSE	UBXN2B
23297	3.816406	0	0.262027	0	1	4 FALSE	ULBP2
23300	3.816406	0	0.262027	0	1	4 FALSE	UNG
23304	3.816406	0	0.262027	0	1	4 FALSE	UST
23306	3.816406	0	0.262027	0	1	4 FALSE	VASN
23314	3.816406	0	0.262027	0	1	4 FALSE	VPS37D
23317	3.816406	0	0.262027	0	1	4 FALSE	XBP1
23319	3.816406	0	0.262027	0	1	4 FALSE	XBP1P1
23322	3.816406	0	0.262027	0	1	4 FALSE	XRN1
23325	3.816406	0	0.262027	0	1	4 FALSE	ZAP70
23327	3.816406	0	0.262027	0	1	4 FALSE	ZBED3
23333	3.816406	0	0.262027	0	1	4 FALSE	ZCCHC3
23337	3.816406	0	0.262027	0	1	4 FALSE	ZFAT
23342	3.816406	0	0.262027	0	1	4 FALSE	ZNF551
23344	3.816406	0	0.262027	0	1	4 FALSE	ZNF587
23346	3.816406	0	0.262027	0	1	4 FALSE	ZNF614
23350	3.816406	0	0.262027	0	1	4 FALSE	ZNF7
23353	3.816406	0	0.262027	0	1	4 FALSE	ZNF783
23356	3.816406	0	0.262027	0	1	4 FALSE	ZRSR1
23359	3.905991	0	0.256017	0	1	4 FALSE	4-Mar
23361	3.905991	0	0.256017	0	1	4 FALSE	ABCD2
23366	3.905991	0	0.256017	0	1	4 FALSE	AGK
23368	3.905991	0	0.256017	0	1	4 FALSE	AK4
23371	3.905991	0	0.256017	0	1	4 FALSE	ALG13
23373	3.905991	0	0.256017	0	1	4 FALSE	ANKRD40
23379	3.905991	0	0.256017	0	1	4 FALSE	ARNTL
23381	3.905991	0	0.256017	0	1	4 FALSE	ARRDC1
23383	3.905991	0	0.256017	0	1	4 FALSE	ATP6VOA2
23386	3.905991	0	0.256017	0	1	4 FALSE	BACE2
23388	3.905991	0	0.256017	0	1	4 FALSE	BAIAP2L1
23390	3.905991	0	0.256017	0	1	4 FALSE	BCL10
23392	3.905991	0	0.256017	0	1	4 FALSE	BOD1L1
23400	3.905991	0	0.256017	0	1	4 FALSE	C6orf120
23403	3.905991	0	0.256017	0	1	4 FALSE	C8orf88
23406	3.905991	0	0.256017	0	1	4 FALSE	CCBL2
23409	3.905991	0	0.256017	0	1	4 FALSE	CCDC71L
23411	3.905991	0	0.256017	0	1	4 FALSE	CCNB1IP1
23422	3.905991	0	0.256017	0	1	4 FALSE	CPE
23430	3.905991	0	0.256017	0	1	4 FALSE	CYCS
23434	3.905991	0	0.256017	0	1	4 FALSE	DARS
23436	3.905991	0	0.256017	0	1	4 FALSE	DCAF6
23438	3.905991	0	0.256017	0	1	4 FALSE	DCDC2
23446	3.905991	0	0.256017	0	1	4 FALSE	DOCK10
23450	3.905991	0	0.256017	0	1	4 FALSE	DPP8
23458	3.905991	0	0.256017	0	1	4 FALSE	ENDOD1
23470	3.905991	0	0.256017	0	1	4 FALSE	FOXA1
23472	3.905991	0	0.256017	0	1	4 FALSE	FOXC1

23475	3.905991	0	0.256017	0	1	4	FALSE		FOXN2
23478	3.905991	0	0.256017	0	1	4	FALSE		GABARAP
23482	3.905991	0	0.256017	0	1	4	FALSE		GJA3
23486	3.905991	0	0.256017	0	1	4	FALSE		GRIK4
23488	3.905991	0	0.256017	0	1	4	FALSE		GTPBP8
23491	3.905991	0	0.256017	0	1	4	FALSE		HAUS5
23495	3.905991	0	0.256017	0	1	4	FALSE		HGFAC
23497	3.905991	0	0.256017	0	1	4	FALSE		HIC2
23499	3.905991	0	0.256017	0	1	4	FALSE		HMGN1
23504	3.905991	0	0.256017	0	1	4	FALSE		HYLS1
23507	3.905991	0	0.256017	0	1	4	FALSE		IL21R
23509	3.905991	0	0.256017	0	1	4	FALSE		INPP4A
23511	3.905991	0	0.256017	0	1	4	FALSE		IPMK
23513	3.905991	0	0.256017	0	1	4	FALSE		IRF2
23518	3.905991	0	0.256017	0	1	4	FALSE		KCTD5
23520	3.905991	0	0.256017	0	1	4	FALSE		KLHL36
23522	3.905991	0	0.256017	0	1	4	FALSE		KLHL6
23529	3.905991	0	0.256017	0	1	4	FALSE		LRRC16A
23532	3.905991	0	0.256017	0	1	4	FALSE		MARK3
23537	3.905991	0	0.256017	0	1	4	FALSE		MEF2C
23539	3.905991	0	0.256017	0	1	4	FALSE		METTL20
23541	3.905991	0	0.256017	0	1	4	FALSE		MFAP1
23548	3.905991	0	0.256017	0	1	4	FALSE		MPP6
23550	3.905991	0	0.256017	0	1	4	FALSE		MRPS18C
23553	3.905991	0	0.256017	0	1	4	FALSE		N4BP2
23556	3.905991	0	0.256017	0	1	4	FALSE		NEU3
23559	3.905991	0	0.256017	0	1	4	FALSE		NRXN1
23561	3.905991	0	0.256017	0	1	4	FALSE		NUB1
23564	3.905991	0	0.256017	0	1	4	FALSE		OPHN1
23568	3.905991	0	0.256017	0	1	4	FALSE		PAK6
23570	3.905991	0	0.256017	0	1	4	FALSE		PAX5
23572	3.905991	0	0.256017	0	1	4	FALSE		PBRM1
23574	3.905991	0	0.256017	0	1	4	FALSE		PCDH15
23576	3.905991	0	0.256017	0	1	4	FALSE		PCM1
23714	2.999816	0.005479	0.333354	0	47	5	FALSE	miRNA	hsa-miR-37
23582	3.905991	0	0.256017	0	1	4	FALSE		PGRMC1
23589	3.905991	0	0.256017	0	1	4	FALSE		PLBD2
23594	3.905991	0	0.256017	0	1	4	FALSE		PPP1R12B
23596	3.905991	0	0.256017	0	1	4	FALSE		PPP1R8
23599	3.905991	0	0.256017	0	1	4	FALSE		PSIP1
23601	3.905991	0	0.256017	0	1	4	FALSE		PSMD14
23604	3.905991	0	0.256017	0	1	4	FALSE		PYURF
23610	3.905991	0	0.256017	0	1	4	FALSE		RAB3GAP2
23615	3.905991	0	0.256017	0	1	4	FALSE		RBM8A
23621	3.905991	0	0.256017	0	1	4	FALSE		RNF2
23625	3.905991	0	0.256017	0	1	4	FALSE		RRM2B
23628	3.905991	0	0.256017	0	1	4	FALSE		SAP18

23630	3.905991	0	0.256017	0	1	4	FALSE		SAT2
23633	3.905991	0	0.256017	0	1	4	FALSE		SCML2
23636	3.905991	0	0.256017	0	1	4	FALSE		SH3RF3
23638	3.905991	0	0.256017	0	1	4	FALSE		SHROOM3
23640	3.905991	0	0.256017	0	1	4	FALSE		SLC16A7
23779	2.96	0.022087	0.337838	0	122	5	FALSE	miRNA	hsa-miR-38
23644	3.905991	0	0.256017	0	1	4	FALSE		SLC7A7
23646	3.905991	0	0.256017	0	1	4	FALSE		SLC9A8
23649	3.905991	0	0.256017	0	1	4	FALSE		SNX10
23651	3.905991	0	0.256017	0	1	4	FALSE		ST6GALNA4
23657	3.905991	0	0.256017	0	1	4	FALSE		THAP4
23660	3.905991	0	0.256017	0	1	4	FALSE		TM4SF1
23662	3.905991	0	0.256017	0	1	4	FALSE		TMA16
23668	3.905991	0	0.256017	0	1	4	FALSE		TRAM2
23670	3.905991	0	0.256017	0	1	4	FALSE		TRIM38
23675	3.905991	0	0.256017	0	1	4	FALSE		TSFM
23682	3.905991	0	0.256017	0	1	4	FALSE		UNC119B
23686	3.905991	0	0.256017	0	1	4	FALSE		XRCC2
23693	3.905991	0	0.256017	0	1	4	FALSE		ZBTB46
23697	3.905991	0	0.256017	0	1	4	FALSE		ZCCHC6
23699	3.905991	0	0.256017	0	1	4	FALSE		ZDHHC20
23706	3.905991	0	0.256017	0	1	4	FALSE		ZNF418
23710	3.905991	0	0.256017	0	1	4	FALSE		ZNF699
23712	3.905991	0	0.256017	0	1	4	FALSE		ZNF791
23720	3.999631	0	0.250023	0	1	6	FALSE		C2orf72
23727	3.999631	0	0.250023	0	1	6	FALSE		CELF4
23730	3.999631	0	0.250023	0	1	6	FALSE		DCTPP1
23732	3.999631	0	0.250023	0	1	6	FALSE		DEPDC5
23734	3.999631	0	0.250023	0	1	6	FALSE		DPY19L3
23740	3.999631	0	0.250023	0	1	6	FALSE		IGDCC3
23745	3.999631	0	0.250023	0	1	6	FALSE		LGSN
23749	3.999631	0	0.250023	0	1	6	FALSE		NDST1
23757	3.999631	0	0.250023	0	1	6	FALSE		PRKD2
23761	3.999631	0	0.250023	0	1	6	FALSE		RCC2
23766	3.999631	0	0.250023	0	1	6	FALSE		SPA17
23770	3.999631	0	0.250023	0	1	6	FALSE		TXNL1
23777	3.999631	0	0.250023	0	1	6	FALSE		ZNF609
23782	3.959816	0	0.252537	0	1	6	FALSE		ACTR8
23790	3.959816	0	0.252537	0	1	6	FALSE		BRD7
23793	3.959816	0	0.252537	0	1	6	FALSE		C9orf41
23797	3.959816	0	0.252537	0	1	6	FALSE		CAPN7
23799	3.959816	0	0.252537	0	1	6	FALSE		CASC4
23803	3.959816	0	0.252537	0	1	6	FALSE		CD244
23805	3.959816	0	0.252537	0	1	6	FALSE		CDK19
23811	3.959816	0	0.252537	0	1	6	FALSE		CLPB
23813	3.959816	0	0.252537	0	1	6	FALSE		CNIH1
23815	3.959816	0	0.252537	0	1	6	FALSE		COX6C

23819	3.959816	0	0.252537	0	1	6	FALSE		DUSP3
23821	3.959816	0	0.252537	0	1	6	FALSE		ENO2
23826	3.959816	0	0.252537	0	1	6	FALSE		FUBP3
23828	3.959816	0	0.252537	0	1	6	FALSE		GABRB2
23832	3.959816	0	0.252537	0	1	6	FALSE		GP5
23834	3.959816	0	0.252537	0	1	6	FALSE		HERC2
23844	3.959816	0	0.252537	0	1	6	FALSE		KIAA2022
23849	3.959816	0	0.252537	0	1	6	FALSE		LIMS3
23851	3.959816	0	0.252537	0	1	6	FALSE		LIMS4
23853	3.959816	0	0.252537	0	1	6	FALSE		LIPA
23856	3.959816	0	0.252537	0	1	6	FALSE		LTBP1
23858	3.959816	0	0.252537	0	1	6	FALSE		LY6K
23862	3.959816	0	0.252537	0	1	6	FALSE		MEAF6
23868	3.959816	0	0.252537	0	1	6	FALSE		NDUFV3
23872	3.959816	0	0.252537	0	1	6	FALSE		NSRP1
23876	3.959816	0	0.252537	0	1	6	FALSE		PCTP
23879	3.959816	0	0.252537	0	1	6	FALSE		PHLDB2
23960	3.020829	0.008075	0.331035	0	44	5	FALSE	miRNA	hsa-miR-45
23882	3.959816	0	0.252537	0	1	6	FALSE		PITPNC1
23886	3.959816	0	0.252537	0	1	6	FALSE		PRKAA2
23891	3.959816	0	0.252537	0	1	6	FALSE		RBM47
23894	3.959816	0	0.252537	0	1	6	FALSE		RIMBP2
23897	3.959816	0	0.252537	0	1	6	FALSE		RSL24D1
23899	3.959816	0	0.252537	0	1	6	FALSE		S100A14
23902	3.959816	0	0.252537	0	1	6	FALSE		SDHAF2
23904	3.959816	0	0.252537	0	1	6	FALSE		SELENOI
23906	3.959816	0	0.252537	0	1	6	FALSE		SETD2
23908	3.959816	0	0.252537	0	1	6	FALSE		SLC30A6
23913	3.959816	0	0.252537	0	1	6	FALSE		ST8SIA1
23915	3.959816	0	0.252537	0	1	6	FALSE		STPG1
23922	3.959816	0	0.252537	0	1	6	FALSE		SUV420H1
23925	3.959816	0	0.252537	0	1	6	FALSE		TARS
23927	3.959816	0	0.252537	0	1	6	FALSE		TFCP2
23932	3.959816	0	0.252537	0	1	6	FALSE		TP53BP2
23935	3.959816	0	0.252537	0	1	6	FALSE		TRMT10B
23937	3.959816	0	0.252537	0	1	6	FALSE		TXK
23939	3.959816	0	0.252537	0	1	6	FALSE		TYRP1
23944	3.959816	0	0.252537	0	1	6	FALSE		VIMP
23950	3.959816	0	0.252537	0	1	6	FALSE		ZCRB1
23952	3.959816	0	0.252537	0	1	6	FALSE		ZKSCAN2
23955	3.959816	0	0.252537	0	1	6	FALSE		ZNF616
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24029	2.925714	0.042152	0.341797	0	226	5	FALSE	miRNA	hsa-miR-45
23962	4.020645	0	0.248716	0	1	6	FALSE		ADCY9
23964	4.020645	0	0.248716	0	1	6	FALSE		AMH
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23970	4.020645	0	0.248716	0	1	6	FALSE		BARHL1

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23980	4.020645	0	0.248716	0	1	6	FALSE	CSTF1
23987	4.020645	0	0.248716	0	1	6	FALSE	IRAK3
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23997	4.020645	0	0.248716	0	1	6	FALSE	NKX2-3
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24003	4.020645	0	0.248716	0	1	6	FALSE	PTGIS
24006	4.020645	0	0.248716	0	1	6	FALSE	RGS6
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24012	4.020645	0	0.248716	0	1	6	FALSE	STRN4
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24053	3.92553	0	0.254743	0	1	6	FALSE	C14orf144
24057	3.92553	0	0.254743	0	1	6	FALSE	CABLES1
24064	3.92553	0	0.254743	0	1	6	FALSE	CCNT1
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24086	3.92553	0	0.254743	0	1	6	FALSE	DUSP9
24088	3.92553	0	0.254743	0	1	6	FALSE	EIF5AL1
24091	3.92553	0	0.254743	0	1	6	FALSE	ELP6
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24116	3.92553	0	0.254743	0	1	6	FALSE	GOLGA8J
24118	3.92553	0	0.254743	0	1	6	FALSE	GOLGA8M
24120	3.92553	0	0.254743	0	1	6	FALSE	GPIHBP1
24123	3.92553	0	0.254743	0	1	6	FALSE	GPR173
24125	3.92553	0	0.254743	0	1	6	FALSE	GRK4
24127	3.92553	0	0.254743	0	1	6	FALSE	HAL



24131	3.92553	0	0.254743	0	1	6 FALSE	HLA-DRB5
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24315	3.92553	0	0.254743	0	1	6	FALSE		TAF7
24320	3.92553	0	0.254743	0	1	6	FALSE		TJP3
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24335	3.92553	0	0.254743	0	1	6	FALSE		TRIM56
24338	3.92553	0	0.254743	0	1	6	FALSE		UBE2J1
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24356	3.92553	0	0.254743	0	1	6	FALSE		ZNF774
24358	3.92553	0	0.254743	0	1	6	FALSE		ZNF84
24361	3.897143	0	0.256598	0	1	4	FALSE		14-Sep
24363	3.897143	0	0.256598	0	1	4	FALSE		A2ML1
24367	3.897143	0	0.256598	0	1	4	FALSE		ACOT2
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24371	3.897143	0	0.256598	0	1	4	FALSE		ADIPOQ
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24389	3.897143	0	0.256598	0	1	4	FALSE		ASPA
24393	3.897143	0	0.256598	0	1	4	FALSE		BCAM
24397	3.897143	0	0.256598	0	1	4	FALSE		BPNT1
24399	3.897143	0	0.256598	0	1	4	FALSE		C10orf111
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24406	3.897143	0	0.256598	0	1	4	FALSE		C1GALT1C:
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24415	3.897143	0	0.256598	0	1	4	FALSE		CBY3
24421	3.897143	0	0.256598	0	1	4	FALSE		CCR4
24426	3.897143	0	0.256598	0	1	4	FALSE		CDH7
24434	3.897143	0	0.256598	0	1	4	FALSE		CSTF2
24436	3.897143	0	0.256598	0	1	4	FALSE		CTDNBP1
24439	3.897143	0	0.256598	0	1	4	FALSE		DENND2C
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24448	3.897143	0	0.256598	0	1	4	FALSE		ECSIT
24450	3.897143	0	0.256598	0	1	4	FALSE		EFCAB11
24452	3.897143	0	0.256598	0	1	4	FALSE		ELFN2
24454	3.897143	0	0.256598	0	1	4	FALSE		EMILIN2
24456	3.897143	0	0.256598	0	1	4	FALSE		ESF1
24458	3.897143	0	0.256598	0	1	4	FALSE		ETV7
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24494	3.897143	0	0.256598	0	1	4 FALSE	HAVCR1
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24503	3.897143	0	0.256598	0	1	4 FALSE	HRNR
24505	3.897143	0	0.256598	0	1	4 FALSE	IDE
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24519	3.897143	0	0.256598	0	1	4 FALSE	KBTBD12
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24525	3.897143	0	0.256598	0	1	4 FALSE	KIFC2
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24666	3.897143	0	0.256598	0	1	4 FALSE	SLC29A4
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24695	3.897143	0	0.256598	0	1	4 FALSE	TGS1
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24710	3.897143	0	0.256598	0	1	4 FALSE	TNFSF15
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24717	3.897143	0	0.256598	0	1	4 FALSE	TRIM72
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24723	3.897143	0	0.256598	0	1	4 FALSE	TTL1
24727	3.897143	0	0.256598	0	1	4 FALSE	TYRO3
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24733	3.897143	0	0.256598	0	1	4 FALSE	VENTX
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24745	3.897143	0	0.256598	0	1	4 FALSE	ZNF141
24747	3.897143	0	0.256598	0	1	4 FALSE	ZNF280C

24749	3.897143	0	0.256598	0	1	4	FALSE		ZNF35
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24767	3.014562	0.013459	0.331723	0	97	5	FALSE	miRNA	hsa-miR-67
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24760	3.897143	0	0.256598	0	1	4	FALSE		ZNF713
24762	3.897143	0	0.256598	0	1	4	FALSE		ZNF788
24764	3.897143	0	0.256598	0	1	4	FALSE		ZNF790
24768	4.014378	0	0.249105	0	1	6	FALSE		ADAMTS7
24777	4.014378	0	0.249105	0	1	6	FALSE		CASC3
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24804	4.014378	0	0.249105	0	1	6	FALSE		FAM208A
24807	4.014378	0	0.249105	0	1	6	FALSE		FTO
24814	4.014378	0	0.249105	0	1	6	FALSE		GRB2
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24821	4.014378	0	0.249105	0	1	6	FALSE		HUS1
24833	4.014378	0	0.249105	0	1	6	FALSE		MAN1B1
24835	4.014378	0	0.249105	0	1	6	FALSE		MLXIP
24839	4.014378	0	0.249105	0	1	6	FALSE		MYSM1
24841	4.014378	0	0.249105	0	1	6	FALSE		NCEH1
24843	4.014378	0	0.249105	0	1	6	FALSE		NHS
24845	4.014378	0	0.249105	0	1	6	FALSE		NIFK
24847	4.014378	0	0.249105	0	1	6	FALSE		NIN
24849	4.014378	0	0.249105	0	1	6	FALSE		PATZ1
24851	4.014378	0	0.249105	0	1	6	FALSE		PIP5K1A
24853	4.014378	0	0.249105	0	1	6	FALSE		PLEKHA6
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24860	4.014378	0	0.249105	0	1	6	FALSE		PTPRD
24863	4.014378	0	0.249105	0	1	6	FALSE		PVR
24865	4.014378	0	0.249105	0	1	6	FALSE		RASGRF1
24870	4.014378	0	0.249105	0	1	6	FALSE		S100A6
24873	4.014378	0	0.249105	0	1	6	FALSE		SEMA5A
24877	4.014378	0	0.249105	0	1	6	FALSE		SORCS2
24881	4.014378	0	0.249105	0	1	6	FALSE		TMEM223
24886	4.014378	0	0.249105	0	1	6	FALSE		TRAF2
24891	4.014378	0	0.249105	0	1	6	FALSE		USP24
24893	4.014378	0	0.249105	0	1	6	FALSE		UTP18
24899	4.014378	0	0.249105	0	1	6	FALSE		ZFC3H1
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25835	3.730507	0	0.26806	0	1	4 FALSE	TSC22D1
25837	3.730507	0	0.26806	0	1	4 FALSE	TSKU
25841	3.730507	0	0.26806	0	1	4 FALSE	TTC3
25843	3.730507	0	0.26806	0	1	4 FALSE	TXNRD2
25847	3.730507	0	0.26806	0	1	4 FALSE	UBE2C
25849	3.730507	0	0.26806	0	1	4 FALSE	UBE2D4
25851	3.730507	0	0.26806	0	1	4 FALSE	UBE2I
25856	3.730507	0	0.26806	0	1	4 FALSE	UFC1

25859	3.730507	0	0.26806	0	1	4 FALSE	USP20
25861	3.730507	0	0.26806	0	1	4 FALSE	USP21
25864	3.730507	0	0.26806	0	1	4 FALSE	USP31
25872	3.730507	0	0.26806	0	1	4 FALSE	VPS13D
25875	3.730507	0	0.26806	0	1	4 FALSE	WDR41
25880	3.730507	0	0.26806	0	1	4 FALSE	XPO5
25882	3.730507	0	0.26806	0	1	4 FALSE	XRCC3
25884	3.730507	0	0.26806	0	1	4 FALSE	XRCC6
25886	3.730507	0	0.26806	0	1	4 FALSE	YBEY
25888	3.730507	0	0.26806	0	1	4 FALSE	YIPF3
25892	3.730507	0	0.26806	0	1	4 FALSE	YWHAH
25899	3.730507	0	0.26806	0	1	4 FALSE	ZBTB41
25902	3.730507	0	0.26806	0	1	4 FALSE	ZDHHC9
25904	3.730507	0	0.26806	0	1	4 FALSE	ZFHX2
25909	3.730507	0	0.26806	0	1	4 FALSE	ZNF212
25912	3.730507	0	0.26806	0	1	4 FALSE	ZNF224
25917	3.730507	0	0.26806	0	1	4 FALSE	ZNF391
25919	3.730507	0	0.26806	0	1	4 FALSE	ZNF442
25923	3.730507	0	0.26806	0	1	4 FALSE	ZNF585B
25926	3.730507	0	0.26806	0	1	4 FALSE	ZNF646
25929	3.730507	0	0.26806	0	1	4 FALSE	ZNF706
25932	3.730507	0	0.26806	0	1	4 FALSE	ZNF853

Neighborhood	NumberOfNodes	NumberOfPartners	OfNodes	Radiality	selected	SelfLoops	shared	nan	Stress	Topologica
2.099411	1358	0	0	0.75063	TRUE	0	hsa-miR-1c	2.02E+09	0.064671	
789	8	0	0	0.761382	FALSE	0	BTG2	20905236	0.185981	
675.5	8	0	0	0.747066	FALSE	0	CCND2	15737972	0.168457	
771.75	8	0	0	0.758495	FALSE	0	NUFIP2	20511750	0.18395	
854.5	8	0	0	0.794747	FALSE	0	THBS1	26545014	0.178556	
669.625	8	0	0	0.735453	FALSE	0	UBN2	14902830	0.175262	
672.75	8	0	0	0.735084	FALSE	0	GIGYF1	16290916	0.176359	
796.7143	7	0	0	0.75235	FALSE	0	CCND1	16148240	0.194504	
839.2857	7	0	0	0.762304	FALSE	0	IGF1R	18266458	0.197105	
742.1429	7	0	0	0.728141	FALSE	0	IREB2	14401138	0.200471	
609	7	0	0	0.69361	FALSE	0	REL	9621964	0.193939	
832	7	0	0	0.747619	FALSE	0	TNRC6A	17072328	0.207025	
843	7	0	0	0.750138	FALSE	0	UHMK1	17568798	0.207645	
797.4286	7	0	0	0.746697	FALSE	0	MDM2	17505206	0.199157	
963.1667	6	0	0	0.74553	FALSE	0	ADAM10	16403092	0.24169	
842.3333	6	0	0	0.72212	FALSE	0	CDKN1A	12524454	0.233704	
858.5	6	0	0	0.724025	FALSE	0	EIF4G2	12506998	0.236161	
950.3333	6	0	0	0.742949	FALSE	0	ELK4	15935648	0.241009	
795.8333	6	0	0	0.712227	FALSE	0	ETNK1	12127798	0.231123	
855.1667	6	0	0	0.724516	FALSE	0	HNRNPU	12935884	0.234726	
899	6	0	0	0.731521	FALSE	0	HNRNPUL1	14070752	0.239275	
855.1667	6	0	0	0.724516	FALSE	0	LRRC58	12935884	0.234726	
717.1667	6	0	0	0.70977	FALSE	0	MAP1B	9887264	0.210699	
749.5	6	0	0	0.703318	FALSE	0	NACC1	9257174	0.227231	
596	6	0	0	0.683103	FALSE	0	PANK3	6708940	0.200675	
971.8333	6	0	0	0.760461	FALSE	0	PRDM2	17325698	0.229837	
684.5	6	0	0	0.702396	FALSE	0	PURB	7430920	0.208448	
863	6	0	0	0.724639	FALSE	0	REV3L	12369974	0.236748	
657	6	0	0	0.696068	FALSE	0	RREB1	8890114	0.206549	
863	6	0	0	0.724639	FALSE	0	SFT2D2	12369974	0.236748	
963.1667	6	0	0	0.74553	FALSE	0	TET3	16403092	0.24169	
963.1667	6	0	0	0.74553	FALSE	0	TMBIM6	16403092	0.24169	
903.5	6	0	0	0.738771	FALSE	0	TNPO1	14897960	0.233144	
883.8333	6	0	0	0.728694	FALSE	0	ZNF264	13222282	0.238153	
925	6	0	0	0.738157	FALSE	0	ZNF678	15165254	0.239316	
722.1667	6	0	0	0.703134	FALSE	0	ALDOA	9923412	0.219133	
748.8333	6	0	0	0.722919	FALSE	0	CCDC80	11364320	0.206984	
472.1667	6	0	0	0.632473	FALSE	0	NF2	4988980	0.220069	
818.3333	6	0	0	0.717757	FALSE	0	CBX6	12239892	0.231605	
753	6	0	0	0.704547	FALSE	0	DDX21	10865764	0.226916	
990.6	5	0	0	0.730783	FALSE	0	AGO1	11413454	0.264458	
783	5	0	0	0.700799	FALSE	0	AGO3	6989230	0.24032	
1018.4	5	0	0	0.737358	FALSE	0	ANKRD17	12376950	0.264328	
934.4	5	0	0	0.706206	FALSE	0	ATXN1L	9519410	0.279294	
928.8	5	0	0	0.725684	FALSE	0	BAG5	10323112	0.253567	
1011.4	5	0	0	0.720768	FALSE	0	C16orf72	11475588	0.282314	

817.6	5	0	0	0.702273	FALSE	0	CDK6	8751240	0.249115
697.4	5	0	0	0.67874	FALSE	0	COL12A1	6023786	0.240553
836.4	5	0	0	0.706022	FALSE	0	COL5A2	9126938	0.250195
804	5	0	0	0.700184	FALSE	0	CPEB4	6844790	0.247534
749	5	0	0	0.67149	FALSE	0	EDEM3	6820144	0.269355
946.8	5	0	0	0.730108	FALSE	0	GAN	11080106	0.253498
965.6	5	0	0	0.713088	FALSE	0	GSK3B	10422946	0.27927
967.6	5	0	0	0.73447	FALSE	0	IRF4	11627590	0.254235
924	5	0	0	0.721751	FALSE	0	ITGB8	9877316	0.256745
624	5	0	0	0.664424	FALSE	0	JMJD1C	4548708	0.234035
885.8	5	0	0	0.697481	FALSE	0	KMT2C	8173626	0.2765
653.8	5	0	0	0.651091	FALSE	0	LCOR	4875970	0.266994
609	5	0	0	0.661106	FALSE	0	LMNB2	4207308	0.233129
749	5	0	0	0.67149	FALSE	0	LNPEP	6820144	0.269355
705.8	5	0	0	0.663257	FALSE	0	MAP3K7	5609862	0.266667
885.8	5	0	0	0.697481	FALSE	0	MED13	8173626	0.2765
934.4	5	0	0	0.706206	FALSE	0	MKLN1	9519410	0.279294
897.6	5	0	0	0.718925	FALSE	0	PEG10	9431052	0.252635
1011.4	5	0	0	0.720768	FALSE	0	PLAG1	11475588	0.282314
1003	5	0	0	0.735146	FALSE	0	PRRC2C	11978214	0.262785
998	5	0	0	0.738587	FALSE	0	RNF11	12291232	0.257689
965.6	5	0	0	0.713088	FALSE	0	RORA	10422946	0.27927
914.6	5	0	0	0.720645	FALSE	0	SECISBP2L	9334028	0.25541
1011.4	5	0	0	0.720768	FALSE	0	SLC38A1	11475588	0.282314
944.8	5	0	0	0.725622	FALSE	0	SLC38A2	10153792	0.25801
972.6	5	0	0	0.729677	FALSE	0	TAOK1	11267922	0.260902
664	5	0	0	0.657051	FALSE	0	TBC1D24	5509734	0.260818
924.6	5	0	0	0.726421	FALSE	0	TBL1XR1	10625096	0.251594
649.8	5	0	0	0.651705	FALSE	0	TMEM167	5141460	0.264277
810.6	5	0	0	0.684885	FALSE	0	TULP4	8067296	0.270317
856	5	0	0	0.69232	FALSE	0	VANGL1	8248320	0.27439
1023.8	5	0	0	0.73871	FALSE	0	YOD1	12523790	0.264221
881.8	5	0	0	0.698341	FALSE	0	ZNF12	8523134	0.274051
634.4	5	0	0	0.651582	FALSE	0	ZNF292	4819720	0.258214
934.4	5	0	0	0.706206	FALSE	0	ZNF367	9519410	0.279294
664	5	0	0	0.657051	FALSE	0	ZNF490	5509734	0.260818
843	5	0	0	0.696928	FALSE	0	ARPP19	8699238	0.263867
521.6	5	0	0	0.64169	FALSE	0	SLC7A5	4232316	0.227138
667.4	5	0	0	0.67702	FALSE	0	AKT1	4891284	0.232438
776.6	5	0	0	0.697665	FALSE	0	ANKRD52	7716484	0.242148
603.6	5	0	0	0.638618	FALSE	0	CCDC6	4558646	0.268778
565.4	5	0	0	0.647711	FALSE	0	COL1A1	4901012	0.236151
884.2	5	0	0	0.701106	FALSE	0	GATAD2B	9244460	0.271003
884.2	5	0	0	0.701106	FALSE	0	HEATR1	9244460	0.271003
557	5	0	0	0.628356	FALSE	0	MIDN	3859398	0.267952
563.4	5	0	0	0.629708	FALSE	0	MYO6	3910424	0.268193
837.6	5	0	0	0.691275	FALSE	0	SEC61A1	8124626	0.269958

718.4	5	0	0	0.685069	FALSE	0	GMFB	6491760	0.239293
739.2	5	0	0	0.673395	FALSE	0	MBD4	6434098	0.262892
713.4	5	0	0	0.66725	FALSE	0	PRPF8	6182378	0.263072
711.6	5	0	0	0.667005	FALSE	0	SESN3	5497918	0.262796
819.6	5	0	0	0.704916	FALSE	0	SMAD4	8454880	0.246492
807.2	5	0	0	0.685315	FALSE	0	ATP13A3	7531288	0.268554
712	5	0	0	0.667128	FALSE	0	BRWD1	5482176	0.262749
758.6	5	0	0	0.677266	FALSE	0	HERPUD1	6432952	0.26388
659.4	5	0	0	0.656743	FALSE	0	RAB2B	4713826	0.259519
754.6	5	0	0	0.676406	FALSE	0	SERTAD2	6710372	0.263773
586.2	5	0	0	0.662458	FALSE	0	REXO1	3968722	0.22251
630.6	5	0	0	0.668356	FALSE	0	YY1	4370876	0.230961
1045.75	4	0	0	0.688756	FALSE	0	AGFG1	6745216	0.341533
974.5	4	0	0	0.695269	FALSE	0	AP1G1	6080002	0.307583
780.75	4	0	0	0.663932	FALSE	0	ARCN1	4433956	0.293691
941.5	4	0	0	0.692258	FALSE	0	ARHGAP1	5760294	0.301829
1099.25	4	0	0	0.71831	FALSE	0	ATL2	8790338	0.31024
1022.25	4	0	0	0.701598	FALSE	0	BACH1	6931008	0.3125
803.5	4	0	0	0.668602	FALSE	0	BAZ2A	4983626	0.293848
733.25	4	0	0	0.658525	FALSE	0	BICD2	4079620	0.285255
1045.75	4	0	0	0.688756	FALSE	0	BTBD3	6745216	0.341533
1054.5	4	0	0	0.706882	FALSE	0	BTBD7	7569014	0.314103
794.75	4	0	0	0.649186	FALSE	0	CAPN2	4377246	0.328675
1150.75	4	0	0	0.721751	FALSE	0	CBX5	9339650	0.31973
865	4	0	0	0.67831	FALSE	0	CD44	5688536	0.299065
814	4	0	0	0.652135	FALSE	0	CD81	4604768	0.330085
937.25	4	0	0	0.694347	FALSE	0	CDC14B	6198482	0.297222
1092.5	4	0	0	0.712535	FALSE	0	CHD1	8176470	0.316744
1058.75	4	0	0	0.706697	FALSE	0	CLTC	7548080	0.315652
1035.25	4	0	0	0.704301	FALSE	0	CNOT6	7252638	0.312274
1045.75	4	0	0	0.688756	FALSE	0	CSDE1	6745216	0.341533
765.25	4	0	0	0.660676	FALSE	0	CSNK1G3	4146904	0.293716
956.5	4	0	0	0.693426	FALSE	0	DAZAP2	6077254	0.304785
742.75	4	0	0	0.65828	FALSE	0	DDIT4	4080634	0.289407
935	4	0	0	0.689985	FALSE	0	DDX3X	5460174	0.303345
1054.5	4	0	0	0.706882	FALSE	0	DICER1	7569014	0.314103
880.75	4	0	0	0.682796	FALSE	0	DR1	4694772	0.297012
1150.75	4	0	0	0.721751	FALSE	0	DSTYK	9339650	0.31973
852	4	0	0	0.658525	FALSE	0	DYNLL2	4996170	0.331515
1035.25	4	0	0	0.704301	FALSE	0	E2F3	7252638	0.312274
943.25	4	0	0	0.690661	FALSE	0	FBN1	5479836	0.304935
653.25	4	0	0	0.642919	FALSE	0	FKBP8	3065956	0.281993
1093.5	4	0	0	0.713641	FALSE	0	FZD6	8382820	0.315387
794.75	4	0	0	0.649186	FALSE	0	G3BP1	4377246	0.328675
941.5	4	0	0	0.692258	FALSE	0	GNPTAB	5760294	0.301829
943.25	4	0	0	0.690661	FALSE	0	HBP1	5479836	0.304935
705.5	4	0	0	0.65275	FALSE	0	HDGF	4078020	0.284877

1131.5	4	0	0	0.719048	FALSE	0	HECTD1	8964572	0.318271
1045.75	4	0	0	0.688756	FALSE	0	HIPK1	6745216	0.341533
982	4	0	0	0.697174	FALSE	0	HIPK3	5935852	0.306946
852	4	0	0	0.658525	FALSE	0	HNRNPA2E	4996170	0.331515
1045.75	4	0	0	0.688756	FALSE	0	HNRNPF	6745216	0.341533
886.75	4	0	0	0.68255	FALSE	0	HSPA1A	6062974	0.299442
852	4	0	0	0.658525	FALSE	0	HSPA4L	4996170	0.331515
1131.5	4	0	0	0.719048	FALSE	0	HUWE1	8964572	0.318271
852	4	0	0	0.658525	FALSE	0	KDM6B	4996170	0.331515
664	4	0	0	0.625591	FALSE	0	KIAA1586	2598860	0.32644
830.25	4	0	0	0.674071	FALSE	0	KPNA6	4055114	0.29406
899.75	4	0	0	0.684516	FALSE	0	KRT80	6296416	0.300585
814	4	0	0	0.652135	FALSE	0	LBR	4604768	0.330085
1150.75	4	0	0	0.721751	FALSE	0	LIFR	9339650	0.31973
974.5	4	0	0	0.695269	FALSE	0	MAPK14	6080002	0.307583
992.25	4	0	0	0.698771	FALSE	0	MBD2	6256374	0.307651
1054.5	4	0	0	0.706882	FALSE	0	MBD6	7569014	0.314103
1045.75	4	0	0	0.688756	FALSE	0	MFSD6	6745216	0.341533
803.5	4	0	0	0.668602	FALSE	0	MKI67	4983626	0.293848
1045.75	4	0	0	0.688756	FALSE	0	MOB1B	6745216	0.341533
1035.25	4	0	0	0.704301	FALSE	0	NAP1L1	7252638	0.312274
1037.75	4	0	0	0.707558	FALSE	0	NCKAP1	7323926	0.308098
771.25	4	0	0	0.663687	FALSE	0	NOTCH1	4567772	0.290551
1093.5	4	0	0	0.713641	FALSE	0	NRAS	8382820	0.315387
852	4	0	0	0.658525	FALSE	0	NSD1	4996170	0.331515
884.25	4	0	0	0.68126	FALSE	0	NUCKS1	5947556	0.300732
762.5	4	0	0	0.645929	FALSE	0	NUPL2	4197842	0.322396
754.5	4	0	0	0.663011	FALSE	0	ORAI2	4496214	0.285417
1150.75	4	0	0	0.721751	FALSE	0	OTUD4	9339650	0.31973
690	4	0	0	0.63063	FALSE	0	PABPN1	3193976	0.326077
806	4	0	0	0.671183	FALSE	0	PDZD8	4985722	0.290299
852	4	0	0	0.658525	FALSE	0	PHF3	4996170	0.331515
795	4	0	0	0.667865	FALSE	0	PIM1	4965990	0.292019
928	4	0	0	0.687343	FALSE	0	PJA2	5139900	0.305336
800	4	0	0	0.666943	FALSE	0	PLEKHA1	4676764	0.295488
1150.75	4	0	0	0.721751	FALSE	0	PPP2R5E	9339650	0.31973
988.75	4	0	0	0.698894	FALSE	0	PPP3R1	6741516	0.306374
1045.75	4	0	0	0.688756	FALSE	0	PRKAA1	6745216	0.341533
886.75	4	0	0	0.68255	FALSE	0	PRKCE	6062974	0.299442
852	4	0	0	0.658525	FALSE	0	PTBP3	4996170	0.331515
852	4	0	0	0.658525	FALSE	0	PTGS2	4996170	0.331515
974.5	4	0	0	0.695269	FALSE	0	RAB14	6080002	0.307583
899.75	4	0	0	0.684516	FALSE	0	RAD23B	6296416	0.300585
755.75	4	0	0	0.641321	FALSE	0	RAPH1	3815298	0.330017
1031.75	4	0	0	0.703625	FALSE	0	RC3H2	6924654	0.312254
948.25	4	0	0	0.696068	FALSE	0	REEP3	6232234	0.298065
852	4	0	0	0.658525	FALSE	0	RFX7	4996170	0.331515



574.5	4	0	0	0.629278	FALSE	0	SCAF11	2451800	0.274271
841.5	4	0	0	0.674562	FALSE	0	SESN2	5417762	0.297207
762.5	4	0	0	0.645929	FALSE	0	SLC1A5	4197842	0.322396
852	4	0	0	0.658525	FALSE	0	SLC25A33	4996170	0.331515
1116	4	0	0	0.714562	FALSE	0	SP3	8451978	0.320494
852	4	0	0	0.658525	FALSE	0	SQSTM1	4996170	0.331515
701	4	0	0	0.633333	FALSE	0	SRSF1	3208454	0.324525
1035.25	4	0	0	0.704301	FALSE	0	TGFBR2	7252638	0.312274
1045.75	4	0	0	0.688756	FALSE	0	TPD52	6745216	0.341533
701	4	0	0	0.633333	FALSE	0	TSPYL1	3208454	0.324525
755.75	4	0	0	0.641321	FALSE	0	TXNIP	3815298	0.330017
954	4	0	0	0.691705	FALSE	0	UBE2G1	5954568	0.306727
1150.75	4	0	0	0.721751	FALSE	0	UBE2Z	9339650	0.31973
1093.5	4	0	0	0.713641	FALSE	0	USP37	8382820	0.315387
1000.75	4	0	0	0.70043	FALSE	0	VWA9	6377522	0.30771
924.75	4	0	0	0.688387	FALSE	0	WDR33	5152464	0.302571
1099.25	4	0	0	0.71831	FALSE	0	WNK1	8790338	0.31024
1099.25	4	0	0	0.71831	FALSE	0	XIAP	8790338	0.31024
993.75	4	0	0	0.698464	FALSE	0	YWHAG	6398012	0.308595
1150.75	4	0	0	0.721751	FALSE	0	ZBTB18	9339650	0.31973
1150.75	4	0	0	0.721751	FALSE	0	ZNF217	9339650	0.31973
1093.5	4	0	0	0.713641	FALSE	0	ZNF451	8382820	0.315387
940.25	4	0	0	0.698341	FALSE	0	ATP6V0E1	6938146	0.292146
770	4	0	0	0.670015	FALSE	0	CEP104	4512618	0.27923
251	4	0	0	0.558065	FALSE	0	CKAP4	784940	0.26824
731	4	0	0	0.662949	FALSE	0	DSEL	3959712	0.27662
835.25	4	0	0	0.661598	FALSE	0	EIF4EBP2	4748622	0.318781
835.25	4	0	0	0.661598	FALSE	0	ITPRIPL2	4748622	0.318781
816.25	4	0	0	0.677757	FALSE	0	KDELR1	5154386	0.283073
821.25	4	0	0	0.678618	FALSE	0	MIER3	4985366	0.283431
835.25	4	0	0	0.661598	FALSE	0	MTHFD1	4748622	0.318781
537.25	4	0	0	0.620307	FALSE	0	MYADM	2591408	0.275707
778.25	4	0	0	0.671982	FALSE	0	OTUD7B	4764656	0.278984
940.25	4	0	0	0.698341	FALSE	0	PSMA4	6938146	0.292146
940.25	4	0	0	0.698341	FALSE	0	PTEN	6938146	0.292146
275	4	0	0	0.562734	FALSE	0	SNRPD1	729688	0.271825
670.25	4	0	0	0.652012	FALSE	0	STK4	3141628	0.271942
835.25	4	0	0	0.661598	FALSE	0	TXLNG	4748622	0.318781
835.25	4	0	0	0.661598	FALSE	0	ZNF117	4748622	0.318781
575	4	0	0	0.625038	FALSE	0	ABHD2	2559602	0.283877
972.5	4	0	0	0.698464	FALSE	0	AHNAK	7084596	0.301989
634.75	4	0	0	0.616498	FALSE	0	AKT2	2899382	0.336564
933.5	4	0	0	0.691644	FALSE	0	BAZ1B	6386780	0.300225
667	4	0	0	0.640891	FALSE	0	BCL2L13	3660654	0.292105
872.75	4	0	0	0.683472	FALSE	0	BRWD3	5382412	0.293222
972.5	4	0	0	0.698464	FALSE	0	CALD1	7084596	0.301989
841.75	4	0	0	0.678863	FALSE	0	CALM1	4889134	0.290114

853.5	4	0	0	0.679724	FALSE	0	CELF1	5117198	0.292754
933.5	4	0	0	0.691644	FALSE	0	CNOT4	6386780	0.300225
616.75	4	0	0	0.633641	FALSE	0	COL5A1	3376706	0.284806
822.25	4	0	0	0.674316	FALSE	0	CTGF	4546698	0.290811
814	4	0	0	0.673702	FALSE	0	DDX6	4529840	0.288913
693	4	0	0	0.627373	FALSE	0	EIF4A3	3520066	0.335922
924.75	4	0	0	0.672535	FALSE	0	ELP2	5617722	0.330501
764.75	4	0	0	0.665223	FALSE	0	GLS	3731148	0.285407
358.5	4	0	0	0.584793	FALSE	0	HOOK3	1051946	0.261522
574	4	0	0	0.605069	FALSE	0	HSPH1	2207846	0.337655
841.5	4	0	0	0.678126	FALSE	0	MINK1	4819008	0.291234
682.5	4	0	0	0.644025	FALSE	0	MMP2	3896980	0.292364
717.5	4	0	0	0.657727	FALSE	0	NFIC	3376828	0.28054
693	4	0	0	0.627373	FALSE	0	OAZ1	3520066	0.335922
634.75	4	0	0	0.616498	FALSE	0	PPP1R11	2899382	0.336564
853.5	4	0	0	0.679724	FALSE	0	QKI	5117198	0.292754
924.75	4	0	0	0.672535	FALSE	0	RASSF5	5617722	0.330501
693	4	0	0	0.627373	FALSE	0	RER1	3520066	0.335922
933.5	4	0	0	0.691644	FALSE	0	SF3B3	6386780	0.300225
590.5	4	0	0	0.627742	FALSE	0	SMAD3	2745096	0.285334
924.75	4	0	0	0.672535	FALSE	0	TAB2	5617722	0.330501
957	4	0	0	0.694347	FALSE	0	TLN1	6650660	0.303492
924.75	4	0	0	0.672535	FALSE	0	TRAK2	5617722	0.330501
924.75	4	0	0	0.672535	FALSE	0	TRIM26	5617722	0.330501
835.5	4	0	0	0.677327	FALSE	0	ZBTB4	5399576	0.290463
485.5	4	0	0	0.586575	FALSE	0	AAK1	1499660	0.347063
485.5	4	0	0	0.586575	FALSE	0	ABRACL	1499660	0.347063
308.75	4	0	0	0.573671	FALSE	0	AGO2	812174	0.259486
309.5	4	0	0	0.572012	FALSE	0	CLSTN2	908708	0.266178
726.25	4	0	0	0.658771	FALSE	0	ACTB	3463562	0.282089
876.25	4	0	0	0.682488	FALSE	0	DDX17	5615668	0.295993
479.5	4	0	0	0.58596	FALSE	0	EGFR	1842170	0.345238
867.5	4	0	0	0.663441	FALSE	0	ERBB4	4902996	0.327352
867.5	4	0	0	0.663441	FALSE	0	KDM5B	4902996	0.327352
635.75	4	0	0	0.617235	FALSE	0	LTA4H	3053862	0.33496
867.5	4	0	0	0.663441	FALSE	0	MAP3K5	4902996	0.327352
876.25	4	0	0	0.682488	FALSE	0	VGLL4	5615668	0.295993
577.5	4	0	0	0.605438	FALSE	0	ZDHHC16	2466176	0.33852
886.75	4	0	0	0.66682	FALSE	0	ARL8A	5152924	0.327813
886.75	4	0	0	0.66682	FALSE	0	ATG9A	5152924	0.327813
730.5	4	0	0	0.639601	FALSE	0	AZIN1	3442470	0.322931
886.75	4	0	0	0.66682	FALSE	0	C16orf52	5152924	0.327813
498.75	4	0	0	0.589462	FALSE	0	COPA	1959600	0.344941
773.75	4	0	0	0.648817	FALSE	0	DHX40	3639836	0.320776
886.75	4	0	0	0.66682	FALSE	0	FASTK	5152924	0.327813
596.75	4	0	0	0.60808	FALSE	0	FBXL19	2582200	0.341208
728.25	4	0	0	0.638986	FALSE	0	FXR1	2859200	0.323366

477.75	4	0	0	0.585591	FALSE	0	GXYLT2	1519852	0.345471
828.5	4	0	0	0.656129	FALSE	0	KLHL15	4280712	0.327334
773.75	4	0	0	0.648817	FALSE	0	MICAL2	3639836	0.320776
367.25	4	0	0	0.561874	FALSE	0	RBM26	617212	0.368461
886.75	4	0	0	0.66682	FALSE	0	SERBP1	5152924	0.327813
762.75	4	0	0	0.645684	FALSE	0	SOX4	3598388	0.323049
736.75	4	0	0	0.640952	FALSE	0	STX12	2955270	0.322556
730.5	4	0	0	0.639601	FALSE	0	TP53INP1	3442470	0.322931
828.5	4	0	0	0.656129	FALSE	0	ULK1	4280712	0.327334
828.5	4	0	0	0.656129	FALSE	0	WASL	4280712	0.327334
767.75	4	0	0	0.646421	FALSE	0	YTHDF3	3400346	0.323523
860.75	4	0	0	0.67831	FALSE	0	XPO4	5227684	0.297594
647.5	4	0	0	0.645131	FALSE	0	ZNF107	2539826	0.275224
776.5	4	0	0	0.666759	FALSE	0	DGKH	4104654	0.287116
663.5	4	0	0	0.649739	FALSE	0	MDM4	2855266	0.273309
907	3	0	0	0.647957	FALSE	0	AASDHPPT	3004952	0.37813
1092.333	3	0	0	0.673825	FALSE	0	ABCC5	3601476	0.38741
1217.333	3	0	0	0.686667	FALSE	0	ABHD17C	4856064	0.401961
575.3333	3	0	0	0.601075	FALSE	0	ABT1	735686	0.351704
984.6667	3	0	0	0.658218	FALSE	0	ACLY	3668982	0.383795
1165.333	3	0	0	0.679724	FALSE	0	ACSL4	4233224	0.399702
1293.667	3	0	0	0.695453	FALSE	0	ADIPOR2	5627698	0.40791
1243	3	0	0	0.689862	FALSE	0	AMMECR1	5148782	0.403509
1174.333	3	0	0	0.685438	FALSE	0	ANKRD50	4740390	0.39033
984.6667	3	0	0	0.658218	FALSE	0	AP3M1	3668982	0.383795
1084.333	3	0	0	0.670015	FALSE	0	ARID4B	3280192	0.393224
907	3	0	0	0.647957	FALSE	0	ARID5B	3004952	0.37813
784.3333	3	0	0	0.631797	FALSE	0	ARRDC4	1890480	0.367245
819.3333	3	0	0	0.637204	FALSE	0	ASH1L	2450598	0.368453
1196.667	3	0	0	0.68212	FALSE	0	ATAD1	4441588	0.405036
1031.667	3	0	0	0.664363	FALSE	0	ATP11A	2779032	0.387032
1243	3	0	0	0.689862	FALSE	0	BUB3	5148782	0.403509
1084.333	3	0	0	0.670015	FALSE	0	C11orf30	3280192	0.393224
775.3333	3	0	0	0.629708	FALSE	0	C7orf55-LL	1990264	0.368906
1196.667	3	0	0	0.68212	FALSE	0	CAMSAP1	4441588	0.405036
839.6667	3	0	0	0.642304	FALSE	0	CCNG1	2829228	0.364005
1196.667	3	0	0	0.68212	FALSE	0	CCNT2	4441588	0.405036
1217.333	3	0	0	0.686667	FALSE	0	CCT5	4856064	0.401961
1243	3	0	0	0.689862	FALSE	0	CD47	5148782	0.403509
656	3	0	0	0.613548	FALSE	0	CDK17	1218294	0.356754
862	3	0	0	0.64212	FALSE	0	CFTR	2718468	0.374185
1174.333	3	0	0	0.685438	FALSE	0	CHEK1	4740390	0.39033
1200	3	0	0	0.683779	FALSE	0	CLIC4	4569518	0.402484
1200	3	0	0	0.683779	FALSE	0	CLIP1	4569518	0.402484
941.6667	3	0	0	0.652873	FALSE	0	COX2	3275418	0.379914
1031.667	3	0	0	0.664363	FALSE	0	CPEB2	2779032	0.387032
856.3333	3	0	0	0.640952	FALSE	0	CPEB3	2673652	0.374817

844.6667	3	0	0	0.619508	FALSE	0	CPNE8	2088450	0.436455
916	3	0	0	0.652074	FALSE	0	CYP1B1	3322554	0.371498
1077.667	3	0	0	0.670753	FALSE	0	DCAF7	3544318	0.38911
1293.667	3	0	0	0.695453	FALSE	0	DCP2	5627698	0.40791
787.6667	3	0	0	0.634869	FALSE	0	DDX19B	2414912	0.36036
959	3	0	0	0.6549	FALSE	0	DIAPH1	3451466	0.381825
839.6667	3	0	0	0.642304	FALSE	0	DNAJC28	2829228	0.364005
844.6667	3	0	0	0.619508	FALSE	0	DNM2	2088450	0.436455
708	3	0	0	0.620614	FALSE	0	DSC2	1508688	0.362378
908.3333	3	0	0	0.649063	FALSE	0	EEF2	3145870	0.375863
697.6667	3	0	0	0.61828	FALSE	0	ELAVL2	1495292	0.364175
984.6667	3	0	0	0.658218	FALSE	0	EMP1	3668982	0.383795
1077.667	3	0	0	0.670753	FALSE	0	EMP2	3544318	0.38911
959	3	0	0	0.6549	FALSE	0	ENPP2	3451466	0.381825
776.3333	3	0	0	0.63106	FALSE	0	EP300	2271894	0.365551
624.6667	3	0	0	0.609063	FALSE	0	EVI5	1119064	0.353753
1243	3	0	0	0.689862	FALSE	0	EXOC5	5148782	0.403509
1084.333	3	0	0	0.670015	FALSE	0	FAM217B	3280192	0.393224
856.3333	3	0	0	0.640952	FALSE	0	FAM69B	2673652	0.374817
844.6667	3	0	0	0.619508	FALSE	0	FAM8A1	2088450	0.436455
1043	3	0	0	0.666144	FALSE	0	FAM91A1	2873116	0.387073
1200	3	0	0	0.683779	FALSE	0	FAS	4569518	0.402484
907	3	0	0	0.647957	FALSE	0	FASN	3004952	0.37813
844.6667	3	0	0	0.619508	FALSE	0	FBXL3	2088450	0.436455
1084.333	3	0	0	0.670015	FALSE	0	FGF2	3280192	0.393224
1165.333	3	0	0	0.679724	FALSE	0	FMR1	4233224	0.399702
1293.667	3	0	0	0.695453	FALSE	0	FNDC3A	5627698	0.40791
1165.333	3	0	0	0.679724	FALSE	0	FOSL2	4233224	0.399702
1243	3	0	0	0.689862	FALSE	0	FRMD6	5148782	0.403509
959	3	0	0	0.6549	FALSE	0	GATAD1	3451466	0.381825
1165.333	3	0	0	0.679724	FALSE	0	GREB1L	4233224	0.399702
568.3333	3	0	0	0.601321	FALSE	0	HECTD2	865820	0.346569
959	3	0	0	0.6549	FALSE	0	HIF1AN	3451466	0.381825
1293.667	3	0	0	0.695453	FALSE	0	HN1	5627698	0.40791
1077.667	3	0	0	0.670753	FALSE	0	HSP90B1	3544318	0.38911
1217.333	3	0	0	0.686667	FALSE	0	ID4	4856064	0.401961
844.6667	3	0	0	0.619508	FALSE	0	IER2	2088450	0.436455
907	3	0	0	0.647957	FALSE	0	IER5	3004952	0.37813
856.3333	3	0	0	0.640952	FALSE	0	IFNGR2	2673652	0.374817
907	3	0	0	0.647957	FALSE	0	IGF2	3004952	0.37813
1293.667	3	0	0	0.695453	FALSE	0	IGF2R	5627698	0.40791
907	3	0	0	0.647957	FALSE	0	INO80D	3004952	0.37813
1217.333	3	0	0	0.686667	FALSE	0	IPO7	4856064	0.401961
648	3	0	0	0.612627	FALSE	0	IRF2BP2	1542402	0.355299
844.6667	3	0	0	0.619508	FALSE	0	JUN	2088450	0.436455
1293.667	3	0	0	0.695453	FALSE	0	KANSL1	5627698	0.40791
1293.667	3	0	0	0.695453	FALSE	0	KDM3B	5627698	0.40791

618	3	0	0	0.609862	FALSE	0	KIAA1456	1297812	0.34741
1293.667	3	0	0	0.695453	FALSE	0	KIAA1551	5627698	0.40791
916	3	0	0	0.652074	FALSE	0	KIF5B	3322554	0.371498
1174.333	3	0	0	0.685438	FALSE	0	KLF10	4740390	0.39033
1084.333	3	0	0	0.670015	FALSE	0	LARP4	3280192	0.393224
775.3333	3	0	0	0.629708	FALSE	0	LIN28B	1990264	0.368906
1077.667	3	0	0	0.670753	FALSE	0	LZIC	3544318	0.38911
1293.667	3	0	0	0.695453	FALSE	0	MAPK1	5627698	0.40791
856.3333	3	0	0	0.640952	FALSE	0	MCL1	2673652	0.374817
1293.667	3	0	0	0.695453	FALSE	0	MEF2D	5627698	0.40791
1165.333	3	0	0	0.679724	FALSE	0	MEX3C	4233224	0.399702
1165.333	3	0	0	0.679724	FALSE	0	MGRN1	4233224	0.399702
907	3	0	0	0.647957	FALSE	0	MKNK2	3004952	0.37813
1293.667	3	0	0	0.695453	FALSE	0	MLLT10	5627698	0.40791
1196.667	3	0	0	0.68212	FALSE	0	MMGT1	4441588	0.405036
1243	3	0	0	0.689862	FALSE	0	MSMO1	5148782	0.403509
844.6667	3	0	0	0.619508	FALSE	0	MTPN	2088450	0.436455
1165.333	3	0	0	0.679724	FALSE	0	MYCN	4233224	0.399702
1217.333	3	0	0	0.686667	FALSE	0	NCBP2	4856064	0.401961
844.6667	3	0	0	0.619508	FALSE	0	NDC1	2088450	0.436455
844.6667	3	0	0	0.619508	FALSE	0	NEK7	2088450	0.436455
1217.333	3	0	0	0.686667	FALSE	0	NPTN	4856064	0.401961
959	3	0	0	0.6549	FALSE	0	NR1D2	3451466	0.381825
1217.333	3	0	0	0.686667	FALSE	0	NRIP1	4856064	0.401961
683.3333	3	0	0	0.617911	FALSE	0	OTULIN	1335418	0.357805
1217.333	3	0	0	0.686667	FALSE	0	PAFAH1B1	4856064	0.401961
959	3	0	0	0.6549	FALSE	0	PANK1	3451466	0.381825
844.6667	3	0	0	0.619508	FALSE	0	PAPOLA	2088450	0.436455
938.3333	3	0	0	0.651644	FALSE	0	PAPPA	3188648	0.38165
1243	3	0	0	0.689862	FALSE	0	PATL1	5148782	0.403509
575.3333	3	0	0	0.601075	FALSE	0	PCNX	735686	0.351704
1084.333	3	0	0	0.670015	FALSE	0	PFN2	3280192	0.393224
1293.667	3	0	0	0.695453	FALSE	0	PIP4K2A	5627698	0.40791
959	3	0	0	0.6549	FALSE	0	PISD	3451466	0.381825
564	3	0	0	0.599416	FALSE	0	PKN2	680630	0.35056
959	3	0	0	0.6549	FALSE	0	PLEC	3451466	0.381825
1293.667	3	0	0	0.695453	FALSE	0	POU2F1	5627698	0.40791
749.6667	3	0	0	0.626022	FALSE	0	PPM1D	1829816	0.367173
1293.667	3	0	0	0.695453	FALSE	0	PPP1R15B	5627698	0.40791
1293.667	3	0	0	0.695453	FALSE	0	PPP2R2A	5627698	0.40791
844.6667	3	0	0	0.619508	FALSE	0	PPP2R5D	2088450	0.436455
1243	3	0	0	0.689862	FALSE	0	PREPL	5148782	0.403509
1243	3	0	0	0.689862	FALSE	0	PSAP	5148782	0.403509
1293.667	3	0	0	0.695453	FALSE	0	PTPN4	5627698	0.40791
648	3	0	0	0.612627	FALSE	0	PTPRJ	1542402	0.355299
1042.667	3	0	0	0.665469	FALSE	0	PUM1	2811186	0.388537
1293.667	3	0	0	0.695453	FALSE	0	PURA	5627698	0.40791

826	3	0	0	0.636221	FALSE	0 QSER1	2240750	0.37415
784.3333	3	0	0	0.631797	FALSE	0 RAB11FIP1	1890480	0.367245
834	3	0	0	0.640215	FALSE	0 RAB33B	2485298	0.36696
865.3333	3	0	0	0.643103	FALSE	0 RAC1	2788758	0.37304
1092.333	3	0	0	0.673825	FALSE	0 RANBP6	3601476	0.38741
1018	3	0	0	0.662704	FALSE	0 RAP1B	2536618	0.385812
1084.333	3	0	0	0.670015	FALSE	0 RAP2B	3280192	0.393224
1217.333	3	0	0	0.686667	FALSE	0 RASA1	4856064	0.401961
908.3333	3	0	0	0.649063	FALSE	0 RBBP7	3145870	0.375863
1243	3	0	0	0.689862	FALSE	0 RGL1	5148782	0.403509
1293.667	3	0	0	0.695453	FALSE	0 RGMB	5627698	0.40791
844.6667	3	0	0	0.619508	FALSE	0 RHOA	2088450	0.436455
844.6667	3	0	0	0.619508	FALSE	0 RIC1	2088450	0.436455
1217.333	3	0	0	0.686667	FALSE	0 RLIM	4856064	0.401961
722.6667	3	0	0	0.624363	FALSE	0 RNF41	1669096	0.358681
1084.333	3	0	0	0.670015	FALSE	0 RNF44	3280192	0.393224
1165.333	3	0	0	0.679724	FALSE	0 RPA2	4233224	0.399702
1293.667	3	0	0	0.695453	FALSE	0 RTN4	5627698	0.40791
1293.667	3	0	0	0.695453	FALSE	0 SAMD8	5627698	0.40791
1217.333	3	0	0	0.686667	FALSE	0 SCARB2	4856064	0.401961
1243	3	0	0	0.689862	FALSE	0 SERINC3	5148782	0.403509
1034.667	3	0	0	0.66467	FALSE	0 SETD5	3349058	0.387431
984.6667	3	0	0	0.658218	FALSE	0 SH3BP4	3668982	0.383795
1174.333	3	0	0	0.685438	FALSE	0 SIX4	4740390	0.39033
725.6667	3	0	0	0.624178	FALSE	0 SLC23A2	2005128	0.36071
984.6667	3	0	0	0.658218	FALSE	0 SLC7A1	3668982	0.383795
865.3333	3	0	0	0.643103	FALSE	0 SMAD2	2788758	0.37304
1174.333	3	0	0	0.685438	FALSE	0 SMARCA5	4740390	0.39033
1293.667	3	0	0	0.695453	FALSE	0 SMIM13	5627698	0.40791
844.6667	3	0	0	0.619508	FALSE	0 SNRNP27	2088450	0.436455
1217.333	3	0	0	0.686667	FALSE	0 SOX11	4856064	0.401961
1084.333	3	0	0	0.670015	FALSE	0 STX16	3280192	0.393224
734	3	0	0	0.625653	FALSE	0 SURF4	1723850	0.360551
908.3333	3	0	0	0.649063	FALSE	0 TANK	3145870	0.375863
1174.333	3	0	0	0.685438	FALSE	0 TGIF1	4740390	0.39033
697.6667	3	0	0	0.61828	FALSE	0 TGIF2	1495292	0.364175
1293.667	3	0	0	0.695453	FALSE	0 TGOLN2	5627698	0.40791
916	3	0	0	0.652074	FALSE	0 TIMM8A	3322554	0.371498
830.6667	3	0	0	0.637757	FALSE	0 TJP1	2514838	0.372048
1165.333	3	0	0	0.679724	FALSE	0 TM9SF3	4233224	0.399702
984.6667	3	0	0	0.658218	FALSE	0 TMEM179f	3668982	0.383795
784.6667	3	0	0	0.632473	FALSE	0 TMEM33	1940560	0.365516
826	3	0	0	0.636221	FALSE	0 TMPO	2240750	0.37415
1084.333	3	0	0	0.670015	FALSE	0 TNKS	3280192	0.393224
1293.667	3	0	0	0.695453	FALSE	0 TNRC6B	5627698	0.40791
856.3333	3	0	0	0.640952	FALSE	0 TOB1	2673652	0.374817
826	3	0	0	0.636221	FALSE	0 TRIM71	2240750	0.37415

856.3333	3	0	0	0.640952	FALSE	0 TSN	2673652	0.374817
676.3333	3	0	0	0.616252	FALSE	0 TSPAN3	1326306	0.35922
907	3	0	0	0.647957	FALSE	0 TTYH3	3004952	0.37813
714.6667	3	0	0	0.623379	FALSE	0 TVP23C	1872646	0.357548
714.6667	3	0	0	0.623379	FALSE	0 TXNDC16	1872646	0.357548
1165.333	3	0	0	0.679724	FALSE	0 UBAC2	4233224	0.399702
1243	3	0	0	0.689862	FALSE	0 UBE2A	5148782	0.403509
1217.333	3	0	0	0.686667	FALSE	0 UGCG	4856064	0.401961
856.3333	3	0	0	0.640952	FALSE	0 USP22	2673652	0.374817
1243	3	0	0	0.689862	FALSE	0 VAPB	5148782	0.403509
865.3333	3	0	0	0.643103	FALSE	0 VEGFA	2788758	0.37304
907	3	0	0	0.647957	FALSE	0 VEZT	3004952	0.37813
844.6667	3	0	0	0.619508	FALSE	0 WDR36	2088450	0.436455
839.6667	3	0	0	0.642304	FALSE	0 WSB1	2829228	0.364005
1018	3	0	0	0.662704	FALSE	0 WTAP	2536618	0.385812
830.6667	3	0	0	0.637757	FALSE	0 ZBED4	2514838	0.372048
959	3	0	0	0.6549	FALSE	0 ZC3H11A	3451466	0.381825
714.6667	3	0	0	0.623379	FALSE	0 ZDHHC24	1872646	0.357548
749.6667	3	0	0	0.626022	FALSE	0 ZEB1	1829816	0.367173
830.6667	3	0	0	0.637757	FALSE	0 ZEB2	2514838	0.372048
1293.667	3	0	0	0.695453	FALSE	0 ZFHX3	5627698	0.40791
733.6667	3	0	0	0.6251	FALSE	0 ZFP36L2	1676232	0.361989
1077.667	3	0	0	0.670753	FALSE	0 ZFP91	3544318	0.38911
844.6667	3	0	0	0.619508	FALSE	0 ZNF197	2088450	0.436455
844.6667	3	0	0	0.619508	FALSE	0 ZNF24	2088450	0.436455
844.6667	3	0	0	0.619508	FALSE	0 ZNF260	2088450	0.436455
1084.333	3	0	0	0.670015	FALSE	0 ZNF430	3280192	0.393224
1293.667	3	0	0	0.695453	FALSE	0 ZNF618	5627698	0.40791
856.3333	3	0	0	0.640952	FALSE	0 ZNF623	2673652	0.374817
916	3	0	0	0.652074	FALSE	0 ZSCAN22	3322554	0.371498
811.6667	3	0	0	0.641014	FALSE	0 ABCB7	2249956	0.355088
564	3	0	0	0.575207	FALSE	0 ABHD17B	1049764	0.464521
488	3	0	0	0.586636	FALSE	0 ALDH9A1	1202156	0.348355
564	3	0	0	0.575207	FALSE	0 AVL9	1049764	0.464521
884.6667	3	0	0	0.651582	FALSE	0 BMP3	2826254	0.359946
350.6667	3	0	0	0.563779	FALSE	0 CACNG8	526600	0.340806
678.3333	3	0	0	0.615822	FALSE	0 CD28	2074460	0.36163
811.6667	3	0	0	0.641014	FALSE	0 CNBP	2249956	0.355088
564	3	0	0	0.575207	FALSE	0 DNAJB4	1049764	0.464521
564	3	0	0	0.575207	FALSE	0 EVC	1049764	0.464521
488	3	0	0	0.586636	FALSE	0 FUS	1202156	0.348355
294.3333	3	0	0	0.551121	FALSE	0 GJC1	533196	0.357724
427.3333	3	0	0	0.576252	FALSE	0 GK5	794398	0.346894
495.6667	3	0	0	0.588233	FALSE	0 GLG1	1274464	0.347378
502.6667	3	0	0	0.587803	FALSE	0 GNS	1163782	0.354034
453.3333	3	0	0	0.581536	FALSE	0 HP1BP3	912672	0.34398
399	3	0	0	0.571951	FALSE	0 IFIT3	706366	0.343399

410.3333	3	0	0	0.573118	FALSE	0 IFNLR1	871226	0.347482
884.6667	3	0	0	0.651582	FALSE	0 KATNAL1	2826254	0.359946
276.6667	3	0	0	0.547926	FALSE	0 KIF18B	303294	0.358941
1013	3	0	0	0.668725	FALSE	0 KLHL11	3890034	0.370154
751	3	0	0	0.63321	FALSE	0 LIN9	1691110	0.347866
553.3333	3	0	0	0.595484	FALSE	0 LIX1L	1311930	0.358193
884.6667	3	0	0	0.651582	FALSE	0 MIGA1	2826254	0.359946
884.6667	3	0	0	0.651582	FALSE	0 PABPC1	2826254	0.359946
962.3333	3	0	0	0.662765	FALSE	0 PHF12	3527034	0.364556
502.6667	3	0	0	0.587803	FALSE	0 PRPS1	1163782	0.354034
564	3	0	0	0.575207	FALSE	0 RGS9BP	1049764	0.464521
564	3	0	0	0.575207	FALSE	0 RHPN2	1049764	0.464521
811.6667	3	0	0	0.641014	FALSE	0 S1PR2	2249956	0.355088
469	3	0	0	0.583748	FALSE	0 SH2B3	1030942	0.34641
410.3333	3	0	0	0.573118	FALSE	0 SHOC2	871226	0.347482
416.3333	3	0	0	0.575207	FALSE	0 SRPX2	784294	0.342684
425	3	0	0	0.574101	FALSE	0 SSBP2	854298	0.355109
811.6667	3	0	0	0.641014	FALSE	0 TANGO2	2249956	0.355088
545.3333	3	0	0	0.59573	FALSE	0 TFDP2	1259370	0.352091
469	3	0	0	0.583748	FALSE	0 TMEM170A	1030942	0.34641
462.3333	3	0	0	0.582335	FALSE	0 UBXN2A	1107244	0.34739
538.6667	3	0	0	0.594501	FALSE	0 UHRF1BP1	1315730	0.352337
503.6667	3	0	0	0.589094	FALSE	0 VGLL3	993684	0.34956
245	3	0	0	0.544977	FALSE	0 XKR4	417048	0.338889
581.3333	3	0	0	0.601997	FALSE	0 ZNF43	1621528	0.352144
503.6667	3	0	0	0.589094	FALSE	0 ZNF573	993684	0.34956
747	3	0	0	0.623134	FALSE	0 ABL2	2326514	0.374498
683.3333	3	0	0	0.592719	FALSE	0 AKAP8	1439824	0.4558
683.3333	3	0	0	0.592719	FALSE	0 ALG10B	1439824	0.4558
1056	3	0	0	0.670077	FALSE	0 ANKRD12	3993916	0.382801
1056	3	0	0	0.670077	FALSE	0 AP2B1	3993916	0.382801
856.6667	3	0	0	0.645192	FALSE	0 ARL8B	2022300	0.363959
648.6667	3	0	0	0.608817	FALSE	0 ARPC5	1713984	0.368202
1004	3	0	0	0.663502	FALSE	0 ATXN7L3B	3487066	0.378633
596.3333	3	0	0	0.603164	FALSE	0 BBC3	1483970	0.357129
1056	3	0	0	0.670077	FALSE	0 BRAF	3993916	0.382801
923	3	0	0	0.653671	FALSE	0 BTF3L4	2700668	0.37043
695	3	0	0	0.6149	FALSE	0 C11orf68	1970286	0.37352
695	3	0	0	0.6149	FALSE	0 CALM3	1970286	0.37352
683.3333	3	0	0	0.592719	FALSE	0 CCDC117	1439824	0.4558
683.3333	3	0	0	0.592719	FALSE	0 CD84	1439824	0.4558
683.3333	3	0	0	0.592719	FALSE	0 CDC25B	1439824	0.4558
683.3333	3	0	0	0.592719	FALSE	0 CDC73	1439824	0.4558
669.3333	3	0	0	0.612074	FALSE	0 CDK4	1864268	0.368837
1081.667	3	0	0	0.673702	FALSE	0 CHERP	4233838	0.383896
564.3333	3	0	0	0.596897	FALSE	0 CHPF2	1434400	0.359957
1056	3	0	0	0.670077	FALSE	0 COL3A1	3993916	0.382801



1035.333	3	0	0	0.66553	FALSE	0 CREB3L2	3646022	0.385657
1081.667	3	0	0	0.673702	FALSE	0 CREBRF	4233838	0.383896
614	3	0	0	0.604086	FALSE	0 CRTC3	1453532	0.364447
421.6667	3	0	0	0.575822	FALSE	0 DNTTIP2	622860	0.344244
1056	3	0	0	0.670077	FALSE	0 FAM46C	3993916	0.382801
1081.667	3	0	0	0.673702	FALSE	0 FGFR1OP	4233838	0.383896
747	3	0	0	0.623134	FALSE	0 FSCN1	2326514	0.374498
572.6667	3	0	0	0.598433	FALSE	0 GJD2	1207196	0.359539
1004	3	0	0	0.663502	FALSE	0 GNB2L1	3487066	0.378633
683.3333	3	0	0	0.592719	FALSE	0 HAAO	1439824	0.4558
683.3333	3	0	0	0.592719	FALSE	0 HYOU1	1439824	0.4558
581.6667	3	0	0	0.599846	FALSE	0 IGFBP5	1482586	0.359992
1056	3	0	0	0.670077	FALSE	0 IRS1	3993916	0.382801
683.3333	3	0	0	0.592719	FALSE	0 ISG20L2	1439824	0.4558
1056	3	0	0	0.670077	FALSE	0 ITGB1	3993916	0.382801
1056	3	0	0	0.670077	FALSE	0 IVNS1ABP	3993916	0.382801
1004	3	0	0	0.663502	FALSE	0 JARID2	3487066	0.378633
695	3	0	0	0.6149	FALSE	0 KMT2D	1970286	0.37352
561	3	0	0	0.595975	FALSE	0 LIMK1	1331060	0.36129
683.3333	3	0	0	0.592719	FALSE	0 MOB1A	1439824	0.4558
407.3333	3	0	0	0.573057	FALSE	0 NLGN2	612256	0.345228
683.3333	3	0	0	0.592719	FALSE	0 NUP153	1439824	0.4558
1004	3	0	0	0.663502	FALSE	0 PACS1	3487066	0.378633
1081.667	3	0	0	0.673702	FALSE	0 PAFAH1B2	4233838	0.383896
648.6667	3	0	0	0.608817	FALSE	0 PDGFRA	1713984	0.368202
683.3333	3	0	0	0.592719	FALSE	0 PDP1	1439824	0.4558
1081.667	3	0	0	0.673702	FALSE	0 PLAU	4233838	0.383896
1081.667	3	0	0	0.673702	FALSE	0 PROSER1	4233838	0.383896
1056	3	0	0	0.670077	FALSE	0 PTP4A1	3993916	0.382801
870.3333	3	0	0	0.647097	FALSE	0 RICTOR	2231978	0.364959
931	3	0	0	0.656621	FALSE	0 RNF125	2933380	0.366575
669.3333	3	0	0	0.612074	FALSE	0 SERPINE1	1864268	0.368837
1056	3	0	0	0.670077	FALSE	0 SON	3993916	0.382801
747	3	0	0	0.623134	FALSE	0 SPTBN1	2326514	0.374498
683.3333	3	0	0	0.592719	FALSE	0 SRSF11	1439824	0.4558
726.3333	3	0	0	0.619816	FALSE	0 STRAP	2142354	0.374269
683.3333	3	0	0	0.592719	FALSE	0 TCF20	1439824	0.4558
1038.667	3	0	0	0.66725	FALSE	0 TLR2	3758722	0.382903
873.3333	3	0	0	0.647465	FALSE	0 TMED2	2735538	0.365299
683.3333	3	0	0	0.592719	FALSE	0 TMEM101	1439824	0.4558
683.3333	3	0	0	0.592719	FALSE	0 TMEM214	1439824	0.4558
1004	3	0	0	0.663502	FALSE	0 TMEM245	3487066	0.378633
870.3333	3	0	0	0.647097	FALSE	0 TMEM248	2231978	0.364959
1056	3	0	0	0.670077	FALSE	0 TNFAIP3	3993916	0.382801
596.3333	3	0	0	0.603164	FALSE	0 TPM3	1483970	0.357129
683.3333	3	0	0	0.592719	FALSE	0 USP54	1439824	0.4558
1081.667	3	0	0	0.673702	FALSE	0 ZBTB37	4233838	0.383896

916.3333	3	0	0	0.65318	FALSE	0 ZFAND5	2871710	0.368937
1004	3	0	0	0.663502	FALSE	0 ZMYND11	3487066	0.378633
572.3333	3	0	0	0.597819	FALSE	0 ZNF281	1169166	0.361603
521	3	0	0	0.59063	FALSE	0 ZNF426	1063042	0.355434
432.3333	3	0	0	0.55192	FALSE	0 CDC23	262368	0.517807
805	3	0	0	0.637204	FALSE	0 COL1A2	1783734	0.361999
805	3	0	0	0.637204	FALSE	0 FN1	1783734	0.361999
805	3	0	0	0.637204	FALSE	0 GDA	1783734	0.361999
287.6667	3	0	0	0.551183	FALSE	0 GLUD2	413100	0.349168
784.3333	3	0	0	0.63278	FALSE	0 MACF1	1532624	0.364511
296.6667	3	0	0	0.554132	FALSE	0 OGT	231296	0.340238
278.6667	3	0	0	0.550261	FALSE	0 POTES	392042	0.3445
805	3	0	0	0.637204	FALSE	0 SLC6A8	1783734	0.361999
356.3333	3	0	0	0.563717	FALSE	0 SOD2	562872	0.346667
784.3333	3	0	0	0.63278	FALSE	0 TPM1	1532624	0.364511
432.3333	3	0	0	0.55192	FALSE	0 ZC3H10	262368	0.517807
418.6667	3	0	0	0.57361	FALSE	0 APOPT1	714492	0.352164
805.3333	3	0	0	0.638003	FALSE	0 BMP2	1836976	0.360042
927.6667	3	0	0	0.653364	FALSE	0 CAV1	2901150	0.373054
927.6667	3	0	0	0.653364	FALSE	0 CCPG1	2901150	0.373054
797	3	0	0	0.636406	FALSE	0 CUL5	2212750	0.360507
537.6667	3	0	0	0.59278	FALSE	0 DDI2	1195318	0.358255
618.6667	3	0	0	0.603779	FALSE	0 DLC1	1632892	0.368316
607	3	0	0	0.581229	FALSE	0 ERFF1	1158816	0.462595
607	3	0	0	0.581229	FALSE	0 FLI1	1158816	0.462595
337.3333	3	0	0	0.561137	FALSE	0 FOXK1	640628	0.34215
805.3333	3	0	0	0.638003	FALSE	0 LARP1	1836976	0.360042
1005.333	3	0	0	0.66381	FALSE	0 LDLR	3614924	0.378423
470.3333	3	0	0	0.582581	FALSE	0 LYPLA2	918786	0.352352
927.6667	3	0	0	0.653364	FALSE	0 MYC	2901150	0.373054
407.3333	3	0	0	0.571582	FALSE	0 PDGFRB	675374	0.352414
607	3	0	0	0.581229	FALSE	0 PLEKHM1	1158816	0.462595
618.6667	3	0	0	0.603779	FALSE	0 PODXL	1632892	0.368316
607	3	0	0	0.581229	FALSE	0 PSMD3	1158816	0.462595
927.6667	3	0	0	0.653364	FALSE	0 RNF24	2901150	0.373054
607	3	0	0	0.581229	FALSE	0 SERPINB9	1158816	0.462595
840	3	0	0	0.642734	FALSE	0 SIPA1L1	2384916	0.363046
607	3	0	0	0.581229	FALSE	0 SLC26A2	1158816	0.462595
575.6667	3	0	0	0.598433	FALSE	0 SOX2	1465894	0.361426
1005.333	3	0	0	0.66381	FALSE	0 SREBF1	3614924	0.378423
607	3	0	0	0.581229	FALSE	0 STAT1	1158816	0.462595
319.6667	3	0	0	0.557757	FALSE	0 STAT3	483472	0.343391
1005.333	3	0	0	0.66381	FALSE	0 TACC1	3614924	0.378423
607	3	0	0	0.581229	FALSE	0 UTP15	1158816	0.462595
319.6667	3	0	0	0.558433	FALSE	0 YES1	473672	0.339368
607	3	0	0	0.581229	FALSE	0 ZBTB33	1158816	0.462595
927.6667	3	0	0	0.653364	FALSE	0 ZNF644	2901150	0.373054

927.6667	3	0	0	0.653364	FALSE	0 ZNF772	2901150	0.373054
607	3	0	0	0.581229	FALSE	0 ZSWIM4	1158816	0.462595
406.6667	3	0	0	0.547865	FALSE	0 ABL1	216394	0.5289
632.6667	3	0	0	0.584854	FALSE	0 ACTL6A	1251182	0.461407
474	3	0	0	0.559232	FALSE	0 ADD1	485368	0.496849
941.6667	3	0	0	0.635177	FALSE	0 AEN	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 AP3S2	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 ATP11B	2390876	0.429921
632.6667	3	0	0	0.584854	FALSE	0 ATP5G2	1251182	0.461407
632.6667	3	0	0	0.584854	FALSE	0 BAZ1A	1251182	0.461407
941.6667	3	0	0	0.635177	FALSE	0 BCL7B	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 BRK1	2390876	0.429921
632.6667	3	0	0	0.584854	FALSE	0 BRMS1L	1251182	0.461407
632.6667	3	0	0	0.584854	FALSE	0 BTN2A2	1251182	0.461407
941.6667	3	0	0	0.635177	FALSE	0 C12orf4	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 C17orf51	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 C1RL	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 CALU	2390876	0.429921
482	3	0	0	0.560891	FALSE	0 CARD8	570134	0.491318
941.6667	3	0	0	0.635177	FALSE	0 CCNB1	2390876	0.429921
555	3	0	0	0.572197	FALSE	0 CDS2	878120	0.476354
941.6667	3	0	0	0.635177	FALSE	0 CHMP4B	2390876	0.429921
482	3	0	0	0.560891	FALSE	0 CLASP1	570134	0.491318
941.6667	3	0	0	0.635177	FALSE	0 CMC2	2390876	0.429921
632.6667	3	0	0	0.584854	FALSE	0 CYBRD1	1251182	0.461407
941.6667	3	0	0	0.635177	FALSE	0 DCUN1D4	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 DDHD1	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 DKC1	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 EDARADD	2390876	0.429921
988	3	0	0	0.661413	FALSE	0 ELAVL1	3384684	0.377438
941.6667	3	0	0	0.635177	FALSE	0 GART	2390876	0.429921
632.6667	3	0	0	0.584854	FALSE	0 GNAI2	1251182	0.461407
421.3333	3	0	0	0.550261	FALSE	0 GPRIN2	245792	0.521505
941.6667	3	0	0	0.635177	FALSE	0 HM13	2390876	0.429921
988	3	0	0	0.661413	FALSE	0 IFITM1	3384684	0.377438
632.6667	3	0	0	0.584854	FALSE	0 IGF2BP1	1251182	0.461407
941.6667	3	0	0	0.635177	FALSE	0 IL1RAP	2390876	0.429921
407.6667	3	0	0	0.548111	FALSE	0 ING3	145162	0.527454
555	3	0	0	0.572197	FALSE	0 KBTBD6	878120	0.476354
941.6667	3	0	0	0.635177	FALSE	0 KLHL20	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 KLHL42	2390876	0.429921
474	3	0	0	0.559232	FALSE	0 LATS1	485368	0.496849
555	3	0	0	0.572197	FALSE	0 LIMD2	878120	0.476354
941.6667	3	0	0	0.635177	FALSE	0 LMTK2	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0 LSM4	2390876	0.429921
555	3	0	0	0.572197	FALSE	0 MAML1	878120	0.476354
941.6667	3	0	0	0.635177	FALSE	0 MAPRE3	2390876	0.429921

941.6667	3	0	0	0.635177	FALSE	0	MDFIC	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	MID1	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	NACC2	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	NCAPG2	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	NF1	2390876	0.429921
555	3	0	0	0.572197	FALSE	0	NFE2L1	878120	0.476354
467.3333	3	0	0	0.557942	FALSE	0	NSL1	570750	0.500895
941.6667	3	0	0	0.635177	FALSE	0	NUPL1	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	OTUD1	2390876	0.429921
421.3333	3	0	0	0.550261	FALSE	0	PAPD5	245792	0.521505
941.6667	3	0	0	0.635177	FALSE	0	PARD6B	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	PDS5A	2390876	0.429921
482	3	0	0	0.560891	FALSE	0	PLEKHG5	570134	0.491318
632.6667	3	0	0	0.584854	FALSE	0	POLR2E	1251182	0.461407
467.3333	3	0	0	0.557942	FALSE	0	POU3F1	570750	0.500895
941.6667	3	0	0	0.635177	FALSE	0	PPP2R4	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	PTAR1	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	PWP2	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	RAB18	2390876	0.429921
482	3	0	0	0.560891	FALSE	0	RHBDD1	570134	0.491318
941.6667	3	0	0	0.635177	FALSE	0	RPS3	2390876	0.429921
632.6667	3	0	0	0.584854	FALSE	0	SF1	1251182	0.461407
941.6667	3	0	0	0.635177	FALSE	0	SHCBP1	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	SLFN11	2390876	0.429921
555	3	0	0	0.572197	FALSE	0	SPEN	878120	0.476354
632.6667	3	0	0	0.584854	FALSE	0	STARD7	1251182	0.461407
941.6667	3	0	0	0.635177	FALSE	0	STAT5B	2390876	0.429921
555	3	0	0	0.572197	FALSE	0	STC1	878120	0.476354
555	3	0	0	0.572197	FALSE	0	TFG	878120	0.476354
632.6667	3	0	0	0.584854	FALSE	0	TMEM164	1251182	0.461407
467.3333	3	0	0	0.557942	FALSE	0	TRAF6	570750	0.500895
941.6667	3	0	0	0.635177	FALSE	0	ZNF738	2390876	0.429921
941.6667	3	0	0	0.635177	FALSE	0	ZNF92	2390876	0.429921
389.6667	3	0	0	0.568756	FALSE	0	ATXN2L	853930	0.351099
984.6667	3	0	0	0.65957	FALSE	0	CAMTA1	3279106	0.380529
449.6667	3	0	0	0.578771	FALSE	0	FBRS	790732	0.353281
826	3	0	0	0.638802	FALSE	0	FBXO28	1919922	0.367156
773.3333	3	0	0	0.631429	FALSE	0	TRPS1	1503366	0.363109
907	3	0	0	0.648756	FALSE	0	ZBTB47	2599208	0.37609
872.3333	3	0	0	0.647097	FALSE	0	C5orf24	2376786	0.365799
606	3	0	0	0.609985	FALSE	0	CAB39	449530	0.34027
953.3333	3	0	0	0.656252	FALSE	0	CDKN1B	3082370	0.376268
872.3333	3	0	0	0.647097	FALSE	0	DEF8	2376786	0.365799
953.3333	3	0	0	0.656252	FALSE	0	FICD	3082370	0.376268
880.3333	3	0	0	0.649923	FALSE	0	HECTD3	2595920	0.362164
639.6667	3	0	0	0.615207	FALSE	0	HIC1	971310	0.342816
745	3	0	0	0.628971	FALSE	0	KIAA0907	1849908	0.356493

822.6667	3	0	0	0.640092	FALSE	0	KMT2A	2395376	0.362287
865.6667	3	0	0	0.646175	FALSE	0	MNT	2568824	0.365301
742	3	0	0	0.628295	FALSE	0	MTF1	1389414	0.356936
953.3333	3	0	0	0.656252	FALSE	0	MYH9	3082370	0.376268
672.3333	3	0	0	0.61957	FALSE	0	NCOA3	930462	0.347122
742	3	0	0	0.628295	FALSE	0	PCGF2	1389414	0.356936
872.3333	3	0	0	0.647097	FALSE	0	PRR14L	2376786	0.365799
831	3	0	0	0.641813	FALSE	0	PRUNE2	2023564	0.361498
953.3333	3	0	0	0.656252	FALSE	0	PSME3	3082370	0.376268
665.6667	3	0	0	0.618587	FALSE	0	RACGAP1	1042544	0.346542
640.6667	3	0	0	0.6149	FALSE	0	REST	818670	0.344277
672	3	0	0	0.620676	FALSE	0	RHOB	1417956	0.34375
794.6667	3	0	0	0.636037	FALSE	0	SCD	1799072	0.36043
654.3333	3	0	0	0.616743	FALSE	0	TBC1D13	963838	0.346045
788	3	0	0	0.634931	FALSE	0	TNPO2	1940374	0.360348
953.3333	3	0	0	0.656252	FALSE	0	TPRG1L	3082370	0.376268
728.3333	3	0	0	0.626575	FALSE	0	VPS37B	1218372	0.355143
208	3	0	0	0.537972	FALSE	0	RDH11	136036	0.341584
207	3	0	0	0.537849	FALSE	0	TRPV2	176434	0.34106
444.3333	3	0	0	0.577174	FALSE	0	MYL6	767176	0.356377
479	3	0	0	0.582396	FALSE	0	NID1	1059100	0.359669
479	3	0	0	0.582396	FALSE	0	SLC4A2	1059100	0.359669
418.3333	3	0	0	0.572627	FALSE	0	VAV3	664606	0.356695
187.6667	3	0	0	0.534531	FALSE	0	CYP20A1	168560	0.339394
186.6667	3	0	0	0.534224	FALSE	0	TRIM59	191016	0.340673
287.6667	3	0	0	0.552289	FALSE	0	U2AF2	388442	0.341677
1503.5	2	0	0	0.66086	FALSE	0	11-Sep	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	2-Sep	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0	7-Mar	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	7-Sep	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	ADNP	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	ADO	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0	ADRB1	2301520	0.576333
802	2	0	0	0.594931	FALSE	0	AEBP2	418940	0.522164
1040	2	0	0	0.619877	FALSE	0	AGO4	1300766	0.535567
802	2	0	0	0.594931	FALSE	0	AK6	418940	0.522164
1116	2	0	0	0.626636	FALSE	0	AKAP11	1503526	0.543902
970.5	2	0	0	0.612135	FALSE	0	AKT3	1000910	0.534454
937	2	0	0	0.611705	FALSE	0	ALG14	1095258	0.517986
814	2	0	0	0.598495	FALSE	0	ANKDD1A	585500	0.510678
1040	2	0	0	0.619877	FALSE	0	ANKFY1	1300766	0.535567
1116	2	0	0	0.626636	FALSE	0	ANKRD11	1503526	0.543902
937	2	0	0	0.611705	FALSE	0	ANKRD42	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0	ANLN	2301520	0.576333
739.5	2	0	0	0.58977	FALSE	0	ANO6	228972	0.50931
1040	2	0	0	0.619877	FALSE	0	ANP32E	1300766	0.535567
792	2	0	0	0.595853	FALSE	0	APLP2	570406	0.510652

1503.5	2	0	0	0.66086	FALSE	0 APP	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 ARAP2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 AREL1	2301520	0.576333
1001.5	2	0	0	0.61576	FALSE	0 ARF6	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0 ARHGAP12	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0 ARHGAP18	1503526	0.543902
1503.5	2	0	0	0.66086	FALSE	0 ARHGAP5	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 ARID1A	2301520	0.576333
937	2	0	0	0.611705	FALSE	0 ARL5A	1095258	0.517986
923.5	2	0	0	0.607957	FALSE	0 ARNTL2	884358	0.528351
1040	2	0	0	0.619877	FALSE	0 ASAP1	1300766	0.535567
1116	2	0	0	0.626636	FALSE	0 ASCC3	1503526	0.543902
1116	2	0	0	0.626636	FALSE	0 ATF7IP	1503526	0.543902
1001.5	2	0	0	0.61576	FALSE	0 ATM	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0 ATP2B1	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0 ATP6V1A	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0 ATRX	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 ATXN1	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0 ATXN7L3	1503526	0.543902
1503.5	2	0	0	0.66086	FALSE	0 B3GALNT2	2301520	0.576333
802	2	0	0	0.594931	FALSE	0 B4GALT6	418940	0.522164
1503.5	2	0	0	0.66086	FALSE	0 BBX	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 BCL2L11	2301520	0.576333
792	2	0	0	0.595853	FALSE	0 BCL9L	570406	0.510652
1040	2	0	0	0.619877	FALSE	0 BCOR	1300766	0.535567
1001.5	2	0	0	0.61576	FALSE	0 BDP1	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0 BIRC6	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0 BMP2K	1300766	0.535567
802	2	0	0	0.594931	FALSE	0 C16orf87	418940	0.522164
1503.5	2	0	0	0.66086	FALSE	0 C21orf91	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 C6orf62	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 CACUL1	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0 CADM1	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0 CALM2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 CAMSAP2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 CASP3	2301520	0.576333
937	2	0	0	0.611705	FALSE	0 CBFA2T2	1095258	0.517986
1040	2	0	0	0.619877	FALSE	0 CBX4	1300766	0.535567
937	2	0	0	0.611705	FALSE	0 CCDC113	1095258	0.517986
814	2	0	0	0.598495	FALSE	0 CCDC125	585500	0.510678
814	2	0	0	0.598495	FALSE	0 CCNF	585500	0.510678
1116	2	0	0	0.626636	FALSE	0 CCNI	1503526	0.543902
814	2	0	0	0.598495	FALSE	0 CD180	585500	0.510678
1503.5	2	0	0	0.66086	FALSE	0 CD200R1	2301520	0.576333
802	2	0	0	0.594931	FALSE	0 CD2AP	418940	0.522164
1503.5	2	0	0	0.66086	FALSE	0 CD46	2301520	0.576333
975.5	2	0	0	0.613118	FALSE	0 CD86	1051910	0.532514

1040	2	0	0	0.619877	FALSE	0	CDC123	1300766	0.535567
814	2	0	0	0.598495	FALSE	0	CDC42EP4	585500	0.510678
923.5	2	0	0	0.607957	FALSE	0	CDC42SE2	884358	0.528351
1116	2	0	0	0.626636	FALSE	0	CDC7	1503526	0.543902
1001.5	2	0	0	0.61576	FALSE	0	CDH2	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	CEP350	2301520	0.576333
923.5	2	0	0	0.607957	FALSE	0	CERS2	884358	0.528351
1503.5	2	0	0	0.66086	FALSE	0	CFL2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	CGGBP1	2301520	0.576333
727.5	2	0	0	0.588971	FALSE	0	CHD7	451510	0.505567
1040	2	0	0	0.619877	FALSE	0	CHMP3	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0	CLASP2	2301520	0.576333
802	2	0	0	0.594931	FALSE	0	CLDND1	418940	0.522164
975.5	2	0	0	0.613118	FALSE	0	COPS8	1051910	0.532514
1503.5	2	0	0	0.66086	FALSE	0	COX10	2301520	0.576333
970.5	2	0	0	0.612135	FALSE	0	CPSF2	1000910	0.534454
970.5	2	0	0	0.612135	FALSE	0	CPSF6	1000910	0.534454
1116	2	0	0	0.626636	FALSE	0	CREBZF	1503526	0.543902
740	2	0	0	0.590261	FALSE	0	CRK	258806	0.506859
1503.5	2	0	0	0.66086	FALSE	0	CSNK1A1	2301520	0.576333
970.5	2	0	0	0.612135	FALSE	0	CSNK1D	1000910	0.534454
1001.5	2	0	0	0.61576	FALSE	0	CTDSPL2	1165610	0.53417
1001.5	2	0	0	0.61576	FALSE	0	CTNNB1	1165610	0.53417
1001.5	2	0	0	0.61576	FALSE	0	CTR9	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	CUL4B	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	CUX1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	DAG1	2301520	0.576333
727.5	2	0	0	0.588971	FALSE	0	DCAF12	451510	0.505567
1503.5	2	0	0	0.66086	FALSE	0	DCAF13	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	DCBLD2	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	DCTD	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0	DCUN1D1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	DCUN1D3	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	DDX1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	DEGS1	2301520	0.576333
802	2	0	0	0.594931	FALSE	0	DHX15	418940	0.522164
1503.5	2	0	0	0.66086	FALSE	0	DHX33	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	DLG5	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	DNAJA1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	DNAJC7	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0	DNMT3A	1503526	0.543902
1116	2	0	0	0.626636	FALSE	0	DST	1503526	0.543902
975.5	2	0	0	0.613118	FALSE	0	DUSP1	1051910	0.532514
1503.5	2	0	0	0.66086	FALSE	0	DYNC1LI2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	EDEM1	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0	EFCAB14	1503526	0.543902
1503.5	2	0	0	0.66086	FALSE	0	EIF4A2	2301520	0.576333

1116	2	0	0	0.626636	FALSE	0 EIF5	1503526	0.543902
1116	2	0	0	0.626636	FALSE	0 ELK3	1503526	0.543902
792	2	0	0	0.595853	FALSE	0 EN2	570406	0.510652
1503.5	2	0	0	0.66086	FALSE	0 EPC1	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0 ERLIN2	1300766	0.535567
802	2	0	0	0.594931	FALSE	0 ERO1L	418940	0.522164
802	2	0	0	0.594931	FALSE	0 ETF1	418940	0.522164
740	2	0	0	0.590261	FALSE	0 EXOC8	258806	0.506859
1503.5	2	0	0	0.66086	FALSE	0 EXTL3	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 EZH2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 FAM46A	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 FAM69A	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0 FAM84B	1300766	0.535567
975.5	2	0	0	0.613118	FALSE	0 FANCM	1051910	0.532514
1503.5	2	0	0	0.66086	FALSE	0 FAR1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 FBN2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 FBXO11	2301520	0.576333
792	2	0	0	0.595853	FALSE	0 FBXW11	570406	0.510652
723	2	0	0	0.588479	FALSE	0 FHL1	219350	0.505248
814	2	0	0	0.598495	FALSE	0 FNIP1	585500	0.510678
975.5	2	0	0	0.613118	FALSE	0 FOS	1051910	0.532514
802	2	0	0	0.594931	FALSE	0 FOXK2	418940	0.522164
1503.5	2	0	0	0.66086	FALSE	0 FRS2	2301520	0.576333
937	2	0	0	0.611705	FALSE	0 FUT11	1095258	0.517986
792	2	0	0	0.595853	FALSE	0 FXR2	570406	0.510652
1503.5	2	0	0	0.66086	FALSE	0 FYN	2301520	0.576333
923.5	2	0	0	0.607957	FALSE	0 FZR1	884358	0.528351
1503.5	2	0	0	0.66086	FALSE	0 G3BP2	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0 GCC1	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0 GCLC	2301520	0.576333
923.5	2	0	0	0.607957	FALSE	0 GCN1L1	884358	0.528351
792	2	0	0	0.595853	FALSE	0 GFPT2	570406	0.510652
1503.5	2	0	0	0.66086	FALSE	0 GMEB2	2301520	0.576333
1001.5	2	0	0	0.61576	FALSE	0 GMPS	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0 GNA13	2301520	0.576333
802	2	0	0	0.594931	FALSE	0 GNAI1	418940	0.522164
970.5	2	0	0	0.612135	FALSE	0 GOLGA7	1000910	0.534454
970.5	2	0	0	0.612135	FALSE	0 GORASP2	1000910	0.534454
1503.5	2	0	0	0.66086	FALSE	0 GPAM	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 GPCPD1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 GPD2	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0 GPRC5A	1503526	0.543902
937	2	0	0	0.611705	FALSE	0 GRAMD1B	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0 GRIK3	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 GRSF1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 GSE1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 GTF2A1	2301520	0.576333



937	2	0	0	0.611705	FALSE	0	GTF2E2	1095258	0.517986
1001.5	2	0	0	0.61576	FALSE	0	HDAC2	1165610	0.53417
802	2	0	0	0.594931	FALSE	0	HELLS	418940	0.522164
970.5	2	0	0	0.612135	FALSE	0	HIAT1	1000910	0.534454
1001.5	2	0	0	0.61576	FALSE	0	HIATL1	1165610	0.53417
727.5	2	0	0	0.588971	FALSE	0	HIST1H4C	451510	0.505567
739.5	2	0	0	0.58977	FALSE	0	HIVEP3	228972	0.50931
1116	2	0	0	0.626636	FALSE	0	HMGXB4	1503526	0.543902
802	2	0	0	0.594931	FALSE	0	HNRNPAO	418940	0.522164
740	2	0	0	0.590261	FALSE	0	HNRNPH2	258806	0.506859
923.5	2	0	0	0.607957	FALSE	0	HOXA10	884358	0.528351
1001.5	2	0	0	0.61576	FALSE	0	HOXA9	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	HPRT1	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0	HSDL1	1503526	0.543902
923.5	2	0	0	0.607957	FALSE	0	HSP90AA1	884358	0.528351
1001.5	2	0	0	0.61576	FALSE	0	HSP90AB1	1165610	0.53417
923.5	2	0	0	0.607957	FALSE	0	HSPA13	884358	0.528351
1116	2	0	0	0.626636	FALSE	0	IER3	1503526	0.543902
975.5	2	0	0	0.613118	FALSE	0	IFITM3	1051910	0.532514
1503.5	2	0	0	0.66086	FALSE	0	INA	2301520	0.576333
1001.5	2	0	0	0.61576	FALSE	0	ITGA3	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	JAZF1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	KBTBD2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	KCNQ5	2301520	0.576333
802	2	0	0	0.594931	FALSE	0	KCTD2	418940	0.522164
923.5	2	0	0	0.607957	FALSE	0	KIAA0319L	884358	0.528351
1503.5	2	0	0	0.66086	FALSE	0	KIAA1598	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	KIAA2026	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	KIF13A	2301520	0.576333
970.5	2	0	0	0.612135	FALSE	0	KIF1B	1000910	0.534454
1001.5	2	0	0	0.61576	FALSE	0	KLC1	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	KLF12	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	KLF3	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	KLF6	2301520	0.576333
970.5	2	0	0	0.612135	FALSE	0	KMT2E	1000910	0.534454
723	2	0	0	0.588479	FALSE	0	L2HGDH	219350	0.505248
937	2	0	0	0.611705	FALSE	0	LANCL3	1095258	0.517986
1040	2	0	0	0.619877	FALSE	0	LIN7C	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0	LPGAT1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	LPHN2	2301520	0.576333
937	2	0	0	0.611705	FALSE	0	LRIF1	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0	LTN1	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	MAFK	1300766	0.535567
1116	2	0	0	0.626636	FALSE	0	MAGT1	1503526	0.543902
937	2	0	0	0.611705	FALSE	0	MAML3	1095258	0.517986
923.5	2	0	0	0.607957	FALSE	0	MAP2K1	884358	0.528351
1503.5	2	0	0	0.66086	FALSE	0	MAP3K2	2301520	0.576333

1503.5	2	0	0	0.66086	FALSE	0	MAP3K9	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	MAPK1IP1I	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	MAPK6	1300766	0.535567
923.5	2	0	0	0.607957	FALSE	0	MARCKSL1	884358	0.528351
1116	2	0	0	0.626636	FALSE	0	MATR3	1503526	0.543902
1503.5	2	0	0	0.66086	FALSE	0	MAVS	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	MBNL1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	MBNL2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	MCC	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	MCTS1	1300766	0.535567
937	2	0	0	0.611705	FALSE	0	MED17	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0	MEF2A	2301520	0.576333
923.5	2	0	0	0.607957	FALSE	0	MET	884358	0.528351
814	2	0	0	0.598495	FALSE	0	METTTL14	585500	0.510678
1503.5	2	0	0	0.66086	FALSE	0	MEX3B	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	MFF	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0	MGARP	1503526	0.543902
1503.5	2	0	0	0.66086	FALSE	0	MGAT4A	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0	MITF	1503526	0.543902
1503.5	2	0	0	0.66086	FALSE	0	MKL2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	MLEC	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	MLK4	2301520	0.576333
937	2	0	0	0.611705	FALSE	0	MMS22L	1095258	0.517986
802	2	0	0	0.594931	FALSE	0	MORC3	418940	0.522164
727.5	2	0	0	0.588971	FALSE	0	MPHOSPH	451510	0.505567
1503.5	2	0	0	0.66086	FALSE	0	MPRIP	2301520	0.576333
727.5	2	0	0	0.588971	FALSE	0	MRFAP1	451510	0.505567
1001.5	2	0	0	0.61576	FALSE	0	MSN	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	MTF2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	MTMR4	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	MTMR6	2301520	0.576333
739.5	2	0	0	0.58977	FALSE	0	MYO1B	228972	0.50931
1001.5	2	0	0	0.61576	FALSE	0	MYO5A	1165610	0.53417
923.5	2	0	0	0.607957	FALSE	0	MYPOP	884358	0.528351
802	2	0	0	0.594931	FALSE	0	N4BP1	418940	0.522164
1001.5	2	0	0	0.61576	FALSE	0	NAA30	1165610	0.53417
1040	2	0	0	0.619877	FALSE	0	NACA	1300766	0.535567
814	2	0	0	0.598495	FALSE	0	NDEL1	585500	0.510678
1503.5	2	0	0	0.66086	FALSE	0	NFIB	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	NHLRC2	1300766	0.535567
923.5	2	0	0	0.607957	FALSE	0	NISCH	884358	0.528351
975.5	2	0	0	0.613118	FALSE	0	NMI	1051910	0.532514
937	2	0	0	0.611705	FALSE	0	NR2F6	1095258	0.517986
702.5	2	0	0	0.586329	FALSE	0	NR3C1	108506	0.503228
1001.5	2	0	0	0.61576	FALSE	0	NRP1	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	NUS1	2301520	0.576333
814	2	0	0	0.598495	FALSE	0	OSMR	585500	0.510678

937	2	0	0	0.611705	FALSE	0	PAK2	1095258	0.517986
923.5	2	0	0	0.607957	FALSE	0	PARVA	884358	0.528351
1503.5	2	0	0	0.66086	FALSE	0	PCDH10	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	PCDH7	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	PCGF5	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	PDCD10	2301520	0.576333
802	2	0	0	0.594931	FALSE	0	PDK1	418940	0.522164
1503.5	2	0	0	0.66086	FALSE	0	PDLIM5	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	PDXDC1	2301520	0.576333
1001.5	2	0	0	0.61576	FALSE	0	PHACTR2	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	PHF13	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	PHF20	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	PHIP	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	PIK3CB	2301520	0.576333
814	2	0	0	0.598495	FALSE	0	PIK3CD	585500	0.510678
1503.5	2	0	0	0.66086	FALSE	0	PIKFYVE	2301520	0.576333
937	2	0	0	0.611705	FALSE	0	PLEKHA3	1095258	0.517986
1116	2	0	0	0.626636	FALSE	0	PMP22	1503526	0.543902
702.5	2	0	0	0.586329	FALSE	0	PPARGC1B	108506	0.503228
1503.5	2	0	0	0.66086	FALSE	0	PPM1A	2301520	0.576333
923.5	2	0	0	0.607957	FALSE	0	PPP1CC	884358	0.528351
1503.5	2	0	0	0.66086	FALSE	0	PPP2R5A	2301520	0.576333
937	2	0	0	0.611705	FALSE	0	PPP3CB	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0	PPTC7	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	PRC1	2301520	0.576333
1001.5	2	0	0	0.61576	FALSE	0	PRDM1	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	PRICKLE2	2301520	0.576333
937	2	0	0	0.611705	FALSE	0	PRIM1	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0	PRLR	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	PSMB2	1300766	0.535567
1116	2	0	0	0.626636	FALSE	0	PSPC1	1503526	0.543902
792	2	0	0	0.595853	FALSE	0	PTPN14	570406	0.510652
1503.5	2	0	0	0.66086	FALSE	0	PTX3	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	PUM2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	RAB1A	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	RAB21	2301520	0.576333
937	2	0	0	0.611705	FALSE	0	RAB3D	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0	RAB8B	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	RAI1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	RAP2C	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	RAPGEF6	2301520	0.576333
937	2	0	0	0.611705	FALSE	0	RASSF9	1095258	0.517986
937	2	0	0	0.611705	FALSE	0	RBM12B	1095258	0.517986
937	2	0	0	0.611705	FALSE	0	RBM22	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0	RBM25	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0	RBM27	1503526	0.543902
1040	2	0	0	0.619877	FALSE	0	REEP5	1300766	0.535567

937	2	0	0	0.611705	FALSE	0	REPIN1	1095258	0.517986
923.5	2	0	0	0.607957	FALSE	0	RFX3	884358	0.528351
1503.5	2	0	0	0.66086	FALSE	0	RNF111	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	RNF139	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0	RNF213	1503526	0.543902
1503.5	2	0	0	0.66086	FALSE	0	RNF216	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	RPL15	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	RPL3	1300766	0.535567
937	2	0	0	0.611705	FALSE	0	RPL7L1	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0	RPS23	2301520	0.576333
1001.5	2	0	0	0.61576	FALSE	0	RPS6KA3	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	RPS6KA5	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	RRM1	2301520	0.576333
802	2	0	0	0.594931	FALSE	0	RRN3	418940	0.522164
1040	2	0	0	0.619877	FALSE	0	SACM1L	1300766	0.535567
1040	2	0	0	0.619877	FALSE	0	SACS	1300766	0.535567
792	2	0	0	0.595853	FALSE	0	SCOC	570406	0.510652
1503.5	2	0	0	0.66086	FALSE	0	SDC2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	SDE2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	SEL1L	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	SERINC1	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	SETD7	1300766	0.535567
1040	2	0	0	0.619877	FALSE	0	SETX	1300766	0.535567
1116	2	0	0	0.626636	FALSE	0	SFXN1	1503526	0.543902
1116	2	0	0	0.626636	FALSE	0	SGPL1	1503526	0.543902
923.5	2	0	0	0.607957	FALSE	0	SHMT1	884358	0.528351
975.5	2	0	0	0.613118	FALSE	0	SIKE1	1051910	0.532514
1503.5	2	0	0	0.66086	FALSE	0	SKIL	2301520	0.576333
937	2	0	0	0.611705	FALSE	0	SLC11A2	1095258	0.517986
970.5	2	0	0	0.612135	FALSE	0	SLC19A2	1000910	0.534454
1116	2	0	0	0.626636	FALSE	0	SLC39A10	1503526	0.543902
1503.5	2	0	0	0.66086	FALSE	0	SLC9A1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	SLTM	2301520	0.576333
739.5	2	0	0	0.58977	FALSE	0	SMC4	228972	0.50931
739.5	2	0	0	0.58977	FALSE	0	SMCO4	228972	0.50931
802	2	0	0	0.594931	FALSE	0	SMIM15	418940	0.522164
937	2	0	0	0.611705	FALSE	0	SMU1	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0	SNX27	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	SOGA3	1300766	0.535567
1001.5	2	0	0	0.61576	FALSE	0	SOX9	1165610	0.53417
1001.5	2	0	0	0.61576	FALSE	0	SP1	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0	SPATA2	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	STAG2	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0	STARD3NL	2301520	0.576333
923.5	2	0	0	0.607957	FALSE	0	STC2	884358	0.528351
1503.5	2	0	0	0.66086	FALSE	0	STMN1	2301520	0.576333
975.5	2	0	0	0.613118	FALSE	0	STON2	1051910	0.532514

1503.5	2	0	0	0.66086	FALSE	0 STRN3	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 STYX	2301520	0.576333
727.5	2	0	0	0.588971	FALSE	0 SUB1	451510	0.505567
1503.5	2	0	0	0.66086	FALSE	0 SUZ12	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 SYNCRIP	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 SYPL1	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0 SZRD1	1300766	0.535567
923.5	2	0	0	0.607957	FALSE	0 TADA2B	884358	0.528351
937	2	0	0	0.611705	FALSE	0 TAF13	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0 TAF3	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 TANC2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 TBPL1	2301520	0.576333
937	2	0	0	0.611705	FALSE	0 TBX20	1095258	0.517986
1116	2	0	0	0.626636	FALSE	0 TET2	1503526	0.543902
1116	2	0	0	0.626636	FALSE	0 TFAP4	1503526	0.543902
723	2	0	0	0.588479	FALSE	0 TGFBR1	219350	0.505248
740	2	0	0	0.590261	FALSE	0 TGFBR3	258806	0.506859
802	2	0	0	0.594931	FALSE	0 THRB	418940	0.522164
1116	2	0	0	0.626636	FALSE	0 TMED5	1503526	0.543902
1116	2	0	0	0.626636	FALSE	0 TMEM19	1503526	0.543902
802	2	0	0	0.594931	FALSE	0 TMEM192	418940	0.522164
1040	2	0	0	0.619877	FALSE	0 TMEM201	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0 TMEM30A	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 TMEM64	2301520	0.576333
937	2	0	0	0.611705	FALSE	0 TMEM65	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0 TMEM87A	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 TMTC3	2301520	0.576333
792	2	0	0	0.595853	FALSE	0 TNFAIP1	570406	0.510652
792	2	0	0	0.595853	FALSE	0 TNFRSF21	570406	0.510652
923.5	2	0	0	0.607957	FALSE	0 TNRC18P2	884358	0.528351
1503.5	2	0	0	0.66086	FALSE	0 TNRC6C	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 TOP2B	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 TOR1AIP1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 TOR1AIP2	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0 TPI1	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0 TRIM37	2301520	0.576333
1001.5	2	0	0	0.61576	FALSE	0 TRIO	1165610	0.53417
1503.5	2	0	0	0.66086	FALSE	0 TRIP12	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 TROVE2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 TSPAN12	2301520	0.576333
1001.5	2	0	0	0.61576	FALSE	0 TSPAN13	1165610	0.53417
1116	2	0	0	0.626636	FALSE	0 TUBA1C	1503526	0.543902
1503.5	2	0	0	0.66086	FALSE	0 TUSC2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 UBE2D2	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0 UBE2D3	2301520	0.576333
802	2	0	0	0.594931	FALSE	0 UBE2E2	418940	0.522164
1503.5	2	0	0	0.66086	FALSE	0 UBQLN1	2301520	0.576333

1040	2	0	0	0.619877	FALSE	0	UBXN1	1300766	0.535567
723	2	0	0	0.588479	FALSE	0	USP3	219350	0.505248
1503.5	2	0	0	0.66086	FALSE	0	USP34	2301520	0.576333
792	2	0	0	0.595853	FALSE	0	USP36	570406	0.510652
1040	2	0	0	0.619877	FALSE	0	USP46	1300766	0.535567
802	2	0	0	0.594931	FALSE	0	USP9X	418940	0.522164
1503.5	2	0	0	0.66086	FALSE	0	VAMP3	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	VAPA	2301520	0.576333
1001.5	2	0	0	0.61576	FALSE	0	VCAN	1165610	0.53417
923.5	2	0	0	0.607957	FALSE	0	VCL	884358	0.528351
937	2	0	0	0.611705	FALSE	0	VEGFC	1095258	0.517986
1503.5	2	0	0	0.66086	FALSE	0	WAC	2301520	0.576333
1116	2	0	0	0.626636	FALSE	0	WEE1	1503526	0.543902
727.5	2	0	0	0.588971	FALSE	0	YAE1D1	451510	0.505567
1116	2	0	0	0.626636	FALSE	0	YTHDC1	1503526	0.543902
1503.5	2	0	0	0.66086	FALSE	0	ZBTB34	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	ZBTB38	2301520	0.576333
923.5	2	0	0	0.607957	FALSE	0	ZBTB7A	884358	0.528351
739.5	2	0	0	0.58977	FALSE	0	ZC3H6	228972	0.50931
802	2	0	0	0.594931	FALSE	0	ZCCHC2	418940	0.522164
723	2	0	0	0.588479	FALSE	0	ZDHHC15	219350	0.505248
970.5	2	0	0	0.612135	FALSE	0	ZFAND6	1000910	0.534454
1503.5	2	0	0	0.66086	FALSE	0	ZKSCAN1	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	ZMAT3	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	ZMYM2	2301520	0.576333
1001.5	2	0	0	0.61576	FALSE	0	ZNF100	1165610	0.53417
1040	2	0	0	0.619877	FALSE	0	ZNF146	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0	ZNF431	2301520	0.576333
1040	2	0	0	0.619877	FALSE	0	ZNF567	1300766	0.535567
1503.5	2	0	0	0.66086	FALSE	0	ZNF654	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	ZNF655	2301520	0.576333
1503.5	2	0	0	0.66086	FALSE	0	ZNF800	2301520	0.576333
923.5	2	0	0	0.607957	FALSE	0	ZNF827	884358	0.528351
1001.5	2	0	0	0.61576	FALSE	0	ZSWIM6	1165610	0.53417
580.5	2	0	0	0.570538	FALSE	0	AAED1	568360	0.509675
580.5	2	0	0	0.570538	FALSE	0	ALG9	568360	0.509675
580.5	2	0	0	0.570538	FALSE	0	AQR	568360	0.509675
1082.5	2	0	0	0.629339	FALSE	0	ARL10	1343612	0.516476
393	2	0	0	0.545591	FALSE	0	ASB16	191888	0.536252
393	2	0	0	0.545591	FALSE	0	BLOC1S4	191888	0.536252
393	2	0	0	0.545591	FALSE	0	C11orf54	191888	0.536252
393	2	0	0	0.545591	FALSE	0	C11orf98	191888	0.536252
393	2	0	0	0.545591	FALSE	0	C17orf105	191888	0.536252
695	2	0	0	0.583072	FALSE	0	C1orf50	723770	0.517524
393	2	0	0	0.545591	FALSE	0	C3	191888	0.536252
393	2	0	0	0.545591	FALSE	0	CCDC38	191888	0.536252
371	2	0	0	0.544916	FALSE	0	CCL16	215294	0.513889

393	2	0	0	0.545591	FALSE	0	CD209	191888	0.536252
619	2	0	0	0.575146	FALSE	0	CD63	636926	0.509901
319	2	0	0	0.539201	FALSE	0	CLMP	111468	0.507177
695	2	0	0	0.583072	FALSE	0	COX6B1	723770	0.517524
1082.5	2	0	0	0.629339	FALSE	0	CREB1	1343612	0.516476
695	2	0	0	0.583072	FALSE	0	CSE1L	723770	0.517524
1082.5	2	0	0	0.629339	FALSE	0	DNAL1	1343612	0.516476
393	2	0	0	0.545591	FALSE	0	DUSP28	191888	0.536252
381	2	0	0	0.546759	FALSE	0	EHD4	217316	0.506667
371	2	0	0	0.544916	FALSE	0	ELOVL6	215294	0.513889
1082.5	2	0	0	0.629339	FALSE	0	ENPP1	1343612	0.516476
619	2	0	0	0.575146	FALSE	0	ENTPD1	636926	0.509901
619	2	0	0	0.575146	FALSE	0	EPB41	636926	0.509901
580.5	2	0	0	0.570538	FALSE	0	EPRS	568360	0.509675
695	2	0	0	0.583072	FALSE	0	FAM241A	723770	0.517524
695	2	0	0	0.583072	FALSE	0	FAXC	723770	0.517524
695	2	0	0	0.583072	FALSE	0	GABPB2	723770	0.517524
319	2	0	0	0.539201	FALSE	0	GJD3	111468	0.507177
502.5	2	0	0	0.561321	FALSE	0	GLB1L3	435296	0.508105
695	2	0	0	0.583072	FALSE	0	GNL3L	723770	0.517524
1082.5	2	0	0	0.629339	FALSE	0	GPBP1L1	1343612	0.516476
281.5	2	0	0	0.535023	FALSE	0	HAUS3	46870	0.501789
393	2	0	0	0.545591	FALSE	0	HIST1H2AC	191888	0.536252
580.5	2	0	0	0.570538	FALSE	0	HIST1H2AF	568360	0.509675
319	2	0	0	0.539201	FALSE	0	HSD17B12	111468	0.507177
695	2	0	0	0.583072	FALSE	0	IKZF3	723770	0.517524
619	2	0	0	0.575146	FALSE	0	ISY1	636926	0.509901
371	2	0	0	0.544916	FALSE	0	KIAA1958	215294	0.513889
1082.5	2	0	0	0.629339	FALSE	0	KIF3A	1343612	0.516476
393	2	0	0	0.545591	FALSE	0	LPIN3	191888	0.536252
371	2	0	0	0.544916	FALSE	0	LRRC3C	215294	0.513889
695	2	0	0	0.583072	FALSE	0	LYRM4	723770	0.517524
1082.5	2	0	0	0.629339	FALSE	0	MBD3	1343612	0.516476
393	2	0	0	0.545591	FALSE	0	MCF2L2	191888	0.536252
1082.5	2	0	0	0.629339	FALSE	0	MFSD2A	1343612	0.516476
580.5	2	0	0	0.570538	FALSE	0	MIXL1	568360	0.509675
381	2	0	0	0.546759	FALSE	0	MOGAT1	217316	0.506667
381	2	0	0	0.546759	FALSE	0	MPLKIP	217316	0.506667
619	2	0	0	0.575146	FALSE	0	MPZL3	636926	0.509901
502.5	2	0	0	0.561321	FALSE	0	MRNIP	435296	0.508105
393	2	0	0	0.545591	FALSE	0	MRPS21	191888	0.536252
1082.5	2	0	0	0.629339	FALSE	0	MTX3	1343612	0.516476
580.5	2	0	0	0.570538	FALSE	0	MYO1C	568360	0.509675
695	2	0	0	0.583072	FALSE	0	MYPN	723770	0.517524
619	2	0	0	0.575146	FALSE	0	NEK9	636926	0.509901
393	2	0	0	0.545591	FALSE	0	NOL9	191888	0.536252
695	2	0	0	0.583072	FALSE	0	NUP155	723770	0.517524

1082.5	2	0	0	0.629339	FALSE	0 NUP35	1343612	0.516476
695	2	0	0	0.583072	FALSE	0 OAS3	723770	0.517524
554.5	2	0	0	0.567097	FALSE	0 OLFML2A	512914	0.512026
695	2	0	0	0.583072	FALSE	0 OR7D2	723770	0.517524
1082.5	2	0	0	0.629339	FALSE	0 PAICS	1343612	0.516476
393	2	0	0	0.545591	FALSE	0 PCNP	191888	0.536252
381	2	0	0	0.546759	FALSE	0 PDCL3	217316	0.506667
1082.5	2	0	0	0.629339	FALSE	0 PGK1	1343612	0.516476
1082.5	2	0	0	0.629339	FALSE	0 PKNOX1	1343612	0.516476
318.5	2	0	0	0.539447	FALSE	0 POLA2	111932	0.50317
381	2	0	0	0.546759	FALSE	0 POLQ	217316	0.506667
695	2	0	0	0.583072	FALSE	0 PPIL4	723770	0.517524
1082.5	2	0	0	0.629339	FALSE	0 PRRG4	1343612	0.516476
280	2	0	0	0.5349	FALSE	0 PRX	77440	0.500898
580.5	2	0	0	0.570538	FALSE	0 RABGEF1	568360	0.509675
371	2	0	0	0.544916	FALSE	0 RBM23	215294	0.513889
393	2	0	0	0.545591	FALSE	0 RBM43	191888	0.536252
1082.5	2	0	0	0.629339	FALSE	0 RPL27A	1343612	0.516476
695	2	0	0	0.583072	FALSE	0 RPS19	723770	0.517524
371	2	0	0	0.544916	FALSE	0 SCARF1	215294	0.513889
1082.5	2	0	0	0.629339	FALSE	0 SEC63	1343612	0.516476
393	2	0	0	0.545591	FALSE	0 SEPHS1	191888	0.536252
549.5	2	0	0	0.566544	FALSE	0 SETD1A	501220	0.51166
393	2	0	0	0.545591	FALSE	0 SIGLEC9	191888	0.536252
695	2	0	0	0.583072	FALSE	0 SLC25A16	723770	0.517524
1082.5	2	0	0	0.629339	FALSE	0 SLC30A4	1343612	0.516476
393	2	0	0	0.545591	FALSE	0 SLX4	191888	0.536252
1082.5	2	0	0	0.629339	FALSE	0 SPRYD4	1343612	0.516476
695	2	0	0	0.583072	FALSE	0 STAR	723770	0.517524
319	2	0	0	0.539201	FALSE	0 STX7	111468	0.507177
619	2	0	0	0.575146	FALSE	0 TAF8	636926	0.509901
1082.5	2	0	0	0.629339	FALSE	0 TIMELESS	1343612	0.516476
1082.5	2	0	0	0.629339	FALSE	0 TIPIN	1343612	0.516476
619	2	0	0	0.575146	FALSE	0 TMCO1	636926	0.509901
393	2	0	0	0.545591	FALSE	0 TMEM120I	191888	0.536252
554.5	2	0	0	0.567097	FALSE	0 TMEM67	512914	0.512026
393	2	0	0	0.545591	FALSE	0 TNFRSF10A	191888	0.536252
393	2	0	0	0.545591	FALSE	0 TNFRSF13C	191888	0.536252
319	2	0	0	0.539201	FALSE	0 TRAF1	111468	0.507177
393	2	0	0	0.545591	FALSE	0 TRAPPC2	191888	0.536252
502.5	2	0	0	0.561321	FALSE	0 TRIM65	435296	0.508105
695	2	0	0	0.583072	FALSE	0 TRMT2B	723770	0.517524
393	2	0	0	0.545591	FALSE	0 VPS53	191888	0.536252
371	2	0	0	0.544916	FALSE	0 ZADH2	215294	0.513889
393	2	0	0	0.545591	FALSE	0 ZBTB8B	191888	0.536252
1082.5	2	0	0	0.629339	FALSE	0 ZNF138	1343612	0.516476
695	2	0	0	0.583072	FALSE	0 ZNF417	723770	0.517524



1082.5	2	0	0	0.629339	FALSE	0 ZNF460	1343612	0.516476
381	2	0	0	0.546759	FALSE	0 ZNF543	217316	0.506667
393	2	0	0	0.545591	FALSE	0 ZNF556	191888	0.536252
393	2	0	0	0.545591	FALSE	0 ZNF566	191888	0.536252
302	2	0	0	0.537419	FALSE	0 ZNF652	89336	0.503344
798	2	0	0	0.592166	FALSE	0 3-Sep	864690	0.535259
1261.5	2	0	0	0.643287	FALSE	0 9-Mar	1822652	0.543085
759.5	2	0	0	0.588172	FALSE	0 AARS	782330	0.532654
1261.5	2	0	0	0.643287	FALSE	0 ABAT	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0 ACD	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0 AGPAT3	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0 AMOTL1	1822652	0.543085
560	2	0	0	0.567465	FALSE	0 APAF1	318284	0.514259
481	2	0	0	0.559171	FALSE	0 APOL6	151164	0.504202
1261.5	2	0	0	0.643287	FALSE	0 ARRDC3	1822652	0.543085
485.5	2	0	0	0.559601	FALSE	0 ASB8	316858	0.505214
759.5	2	0	0	0.588172	FALSE	0 ASPH	782330	0.532654
1261.5	2	0	0	0.643287	FALSE	0 ASXL2	1822652	0.543085
550	2	0	0	0.566667	FALSE	0 ATF7	376666	0.511173
1261.5	2	0	0	0.643287	FALSE	0 ATP2B4	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0 ATXN7	1822652	0.543085
681.5	2	0	0	0.580553	FALSE	0 BCL2	617068	0.523462
1261.5	2	0	0	0.643287	FALSE	0 BCL3	1822652	0.543085
759.5	2	0	0	0.588172	FALSE	0 BLOC1S5-T	782330	0.532654
759.5	2	0	0	0.588172	FALSE	0 BNIP3	782330	0.532654
550	2	0	0	0.566667	FALSE	0 CANX	376666	0.511173
798	2	0	0	0.592166	FALSE	0 CASP4	864690	0.535259
1261.5	2	0	0	0.643287	FALSE	0 CAST	1822652	0.543085
733.5	2	0	0	0.585776	FALSE	0 CD83	719982	0.528881
481	2	0	0	0.559171	FALSE	0 COMMD2	151164	0.504202
485.5	2	0	0	0.559601	FALSE	0 CPA4	316858	0.505214
798	2	0	0	0.592166	FALSE	0 CSRNP2	864690	0.535259
485.5	2	0	0	0.559601	FALSE	0 CTNNA1	316858	0.505214
759.5	2	0	0	0.588172	FALSE	0 CTNND1	782330	0.532654
733.5	2	0	0	0.585776	FALSE	0 CXCL12	719982	0.528881
1261.5	2	0	0	0.643287	FALSE	0 DAD1	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0 DBF4	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0 DHX30	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0 DRAM1	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0 E2F8	1822652	0.543085
681.5	2	0	0	0.580553	FALSE	0 EEF1D	617068	0.523462
1261.5	2	0	0	0.643287	FALSE	0 EIF1AD	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0 EIF2AK1	1822652	0.543085
798	2	0	0	0.592166	FALSE	0 EIF4G1	864690	0.535259
1.80814	516	0	0	0.698894	TRUE	0 hsa-miR-12	2.84E+08	0.047538
1261.5	2	0	0	0.643287	FALSE	0 ELL2	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0 ELOVL5	1822652	0.543085

1261.5	2	0	0	0.643287	FALSE	0	EPG5	1822652	0.543085
759.5	2	0	0	0.588172	FALSE	0	ERBB3	782330	0.532654
460.5	2	0	0	0.556713	FALSE	0	ESYT2	73056	0.503838
1261.5	2	0	0	0.643287	FALSE	0	FAM102A	1822652	0.543085
560	2	0	0	0.567465	FALSE	0	FAM107B	318284	0.514259
759.5	2	0	0	0.588172	FALSE	0	FAM127B	782330	0.532654
1261.5	2	0	0	0.643287	FALSE	0	FAM134C	1822652	0.543085
550	2	0	0	0.566667	FALSE	0	FAM83H	376666	0.511173
572	2	0	0	0.569739	FALSE	0	FNBP1	396272	0.508007
681.5	2	0	0	0.580553	FALSE	0	FNDC3B	617068	0.523462
798	2	0	0	0.592166	FALSE	0	FOXMI	864690	0.535259
1261.5	2	0	0	0.643287	FALSE	0	GABARAPL	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	GALNT6	1822652	0.543085
681.5	2	0	0	0.580553	FALSE	0	GAS1	617068	0.523462
1261.5	2	0	0	0.643287	FALSE	0	GFPT1	1822652	0.543085
560	2	0	0	0.567465	FALSE	0	GGA2	318284	0.514259
798	2	0	0	0.592166	FALSE	0	GLI2	864690	0.535259
759.5	2	0	0	0.588172	FALSE	0	GLUL	782330	0.532654
560	2	0	0	0.567465	FALSE	0	GPATCH8	318284	0.514259
798	2	0	0	0.592166	FALSE	0	GPD1L	864690	0.535259
1261.5	2	0	0	0.643287	FALSE	0	HDLBP	1822652	0.543085
759.5	2	0	0	0.588172	FALSE	0	HIPK2	782330	0.532654
1261.5	2	0	0	0.643287	FALSE	0	HIST1H2BC	1822652	0.543085
759.5	2	0	0	0.588172	FALSE	0	HK2	782330	0.532654
681.5	2	0	0	0.580553	FALSE	0	HNF4A	617068	0.523462
759.5	2	0	0	0.588172	FALSE	0	JAG1	782330	0.532654
572	2	0	0	0.569739	FALSE	0	KAT7	396272	0.508007
1261.5	2	0	0	0.643287	FALSE	0	KDM2A	1822652	0.543085
728.5	2	0	0	0.584547	FALSE	0	KIAA0430	684212	0.532967
1261.5	2	0	0	0.643287	FALSE	0	KIAA0930	1822652	0.543085
759.5	2	0	0	0.588172	FALSE	0	KLF5	782330	0.532654
798	2	0	0	0.592166	FALSE	0	KRAS	864690	0.535259
1261.5	2	0	0	0.643287	FALSE	0	LAMC1	1822652	0.543085
798	2	0	0	0.592166	FALSE	0	LCT	864690	0.535259
759.5	2	0	0	0.588172	FALSE	0	LILRB1	782330	0.532654
798	2	0	0	0.592166	FALSE	0	LIMD1	864690	0.535259
497.5	2	0	0	0.560461	FALSE	0	LRRC2	157982	0.510277
681.5	2	0	0	0.580553	FALSE	0	LRRC41	617068	0.523462
550	2	0	0	0.566667	FALSE	0	LURAP1L	376666	0.511173
1261.5	2	0	0	0.643287	FALSE	0	MARS2	1822652	0.543085
759.5	2	0	0	0.588172	FALSE	0	MCM2	782330	0.532654
681.5	2	0	0	0.580553	FALSE	0	MCM3AP	617068	0.523462
560	2	0	0	0.567465	FALSE	0	MCOLN2	318284	0.514259
798	2	0	0	0.592166	FALSE	0	MED22	864690	0.535259
759.5	2	0	0	0.588172	FALSE	0	MMP14	782330	0.532654
759.5	2	0	0	0.588172	FALSE	0	MMP9	782330	0.532654
481	2	0	0	0.559171	FALSE	0	MTA3	151164	0.504202

733.5	2	0	0	0.585776	FALSE	0	MVD	719982	0.528881
798	2	0	0	0.592166	FALSE	0	MYCBP	864690	0.535259
1261.5	2	0	0	0.643287	FALSE	0	NAPEPLD	1822652	0.543085
733.5	2	0	0	0.585776	FALSE	0	NFAT5	719982	0.528881
759.5	2	0	0	0.588172	FALSE	0	NFATC1	782330	0.532654
798	2	0	0	0.592166	FALSE	0	NFYB	864690	0.535259
1261.5	2	0	0	0.643287	FALSE	0	NIPBL	1822652	0.543085
733.5	2	0	0	0.585776	FALSE	0	NOS1	719982	0.528881
1261.5	2	0	0	0.643287	FALSE	0	NR2C2	1822652	0.543085
798	2	0	0	0.592166	FALSE	0	NR2F1	864690	0.535259
681.5	2	0	0	0.580553	FALSE	0	NUDT3	617068	0.523462
759.5	2	0	0	0.588172	FALSE	0	PDE3A	782330	0.532654
550	2	0	0	0.566667	FALSE	0	PDE4DIP	376666	0.511173
498	2	0	0	0.560952	FALSE	0	PDIA5	178228	0.506626
1261.5	2	0	0	0.643287	FALSE	0	PFN1	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	PIK3R1	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	POGZ	1822652	0.543085
681.5	2	0	0	0.580553	FALSE	0	PTPN11	617068	0.523462
681.5	2	0	0	0.580553	FALSE	0	PTPN23	617068	0.523462
1261.5	2	0	0	0.643287	FALSE	0	PXDN	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	RAN	1822652	0.543085
681.5	2	0	0	0.580553	FALSE	0	RARG	617068	0.523462
1261.5	2	0	0	0.643287	FALSE	0	RCOR1	1822652	0.543085
681.5	2	0	0	0.580553	FALSE	0	RGP1	617068	0.523462
572	2	0	0	0.569739	FALSE	0	RPP30	396272	0.508007
572	2	0	0	0.569739	FALSE	0	RRP7A	396272	0.508007
1261.5	2	0	0	0.643287	FALSE	0	SDC1	1822652	0.543085
733.5	2	0	0	0.585776	FALSE	0	SDCBP	719982	0.528881
550	2	0	0	0.566667	FALSE	0	SENP2	376666	0.511173
759.5	2	0	0	0.588172	FALSE	0	SENP5	782330	0.532654
798	2	0	0	0.592166	FALSE	0	SKAP2	864690	0.535259
759.5	2	0	0	0.588172	FALSE	0	SLC25A25	782330	0.532654
550	2	0	0	0.566667	FALSE	0	SLC25A36	376666	0.511173
1261.5	2	0	0	0.643287	FALSE	0	SLC25A44	1822652	0.543085
560	2	0	0	0.567465	FALSE	0	SLC25A46	318284	0.514259
759.5	2	0	0	0.588172	FALSE	0	SLC7A6	782330	0.532654
798	2	0	0	0.592166	FALSE	0	SMARCC1	864690	0.535259
1261.5	2	0	0	0.643287	FALSE	0	SMARCD2	1822652	0.543085
798	2	0	0	0.592166	FALSE	0	SMC1A	864690	0.535259
681.5	2	0	0	0.580553	FALSE	0	SOAT1	617068	0.523462
1261.5	2	0	0	0.643287	FALSE	0	SOCS4	1822652	0.543085
460.5	2	0	0	0.556713	FALSE	0	SSH2	73056	0.503838
1261.5	2	0	0	0.643287	FALSE	0	STOX2	1822652	0.543085
550	2	0	0	0.566667	FALSE	0	SYT7	376666	0.511173
498	2	0	0	0.560952	FALSE	0	TAF1D	178228	0.506626
681.5	2	0	0	0.580553	FALSE	0	TAOK2	617068	0.523462
798	2	0	0	0.592166	FALSE	0	TERT	864690	0.535259

1261.5	2	0	0	0.643287	FALSE	0	TMEM178I	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	TNF	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	TNFRSF10E	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	TNIP1	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	TRIM33	1822652	0.543085
681.5	2	0	0	0.580553	FALSE	0	TUBB	617068	0.523462
1261.5	2	0	0	0.643287	FALSE	0	UBAP2L	1822652	0.543085
560	2	0	0	0.567465	FALSE	0	UBE2V2	318284	0.514259
1261.5	2	0	0	0.643287	FALSE	0	USP12	1822652	0.543085
560	2	0	0	0.567465	FALSE	0	USP42	318284	0.514259
1261.5	2	0	0	0.643287	FALSE	0	USP6NL	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	VPS45	1822652	0.543085
798	2	0	0	0.592166	FALSE	0	WDR6	864690	0.535259
550	2	0	0	0.566667	FALSE	0	YARS	376666	0.511173
728.5	2	0	0	0.584547	FALSE	0	YWHAB	684212	0.532967
733.5	2	0	0	0.585776	FALSE	0	ZBTB22	719982	0.528881
560	2	0	0	0.567465	FALSE	0	ZC3H14	318284	0.514259
572	2	0	0	0.569739	FALSE	0	ZC3HAV1L	396272	0.508007
560	2	0	0	0.567465	FALSE	0	ZFP36L1	318284	0.514259
1261.5	2	0	0	0.643287	FALSE	0	ZIC5	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	ZMIZ2	1822652	0.543085
798	2	0	0	0.592166	FALSE	0	ZNF277	864690	0.535259
728.5	2	0	0	0.584547	FALSE	0	ZNF3	684212	0.532967
1261.5	2	0	0	0.643287	FALSE	0	ZNF503	1822652	0.543085
572	2	0	0	0.569739	FALSE	0	ZNF708	396272	0.508007
798	2	0	0	0.592166	FALSE	0	ZNF709	864690	0.535259
1261.5	2	0	0	0.643287	FALSE	0	ZNF711	1822652	0.543085
1261.5	2	0	0	0.643287	FALSE	0	ZNF83	1822652	0.543085
572	2	0	0	0.569739	FALSE	0	ZNF878	396272	0.508007
798	2	0	0	0.592166	FALSE	0	ZNFX1	864690	0.535259
885	2	0	0	0.607588	FALSE	0	AFTPH	280694	0.508046
885	2	0	0	0.607588	FALSE	0	AKAP2	280694	0.508046
421.5	2	0	0	0.55149	FALSE	0	BUB1	146494	0.508464
121.5	2	0	0	0.513886	FALSE	0	C8orf37	23896	0.508439
383	2	0	0	0.546144	FALSE	0	DESI1	114106	0.516216
183.5	2	0	0	0.522857	FALSE	0	DHX36	53336	0.50554
173.5	2	0	0	0.521505	FALSE	0	DNAJC10	66442	0.50885
885	2	0	0	0.607588	FALSE	0	EIF4E2	280694	0.508046
305	2	0	0	0.537604	FALSE	0	FNIP2	104964	0.505824
885	2	0	0	0.607588	FALSE	0	LGALSL	280694	0.508046
104.5	2	0	0	0.513333	FALSE	0	LOX	27360	0.502427
352	2	0	0	0.543072	FALSE	0	MMP16	112772	0.508696
383	2	0	0	0.546144	FALSE	0	MTDH	114106	0.516216
885	2	0	0	0.607588	FALSE	0	PALM2-AK	280694	0.508046
885	2	0	0	0.607588	FALSE	0	PLXNC1	280694	0.508046
305	2	0	0	0.537604	FALSE	0	POLL	104964	0.505824
421.5	2	0	0	0.55149	FALSE	0	PRKAG1	146494	0.508464

121.5	2	0	0	0.513886	FALSE	0 RPS4X	23896	0.508439
383	2	0	0	0.546144	FALSE	0 SERPINA1	114106	0.516216
183.5	2	0	0	0.522857	FALSE	0 SLC38A9	53336	0.50554
885	2	0	0	0.607588	FALSE	0 STK38	280694	0.508046
885	2	0	0	0.607588	FALSE	0 TACSTD2	280694	0.508046
885	2	0	0	0.607588	FALSE	0 TMEM106i	280694	0.508046
885	2	0	0	0.607588	FALSE	0 TRIM23	280694	0.508046
383	2	0	0	0.546144	FALSE	0 ZNF37A	114106	0.516216
121.5	2	0	0	0.513886	FALSE	0 ZSCAN16	23896	0.508439
1147	2	0	0	0.632412	FALSE	0 ABCA1	1388934	0.534515
683.5	2	0	0	0.58043	FALSE	0 ABCC1	679494	0.525809
683.5	2	0	0	0.58043	FALSE	0 ACTR2	679494	0.525809
1147	2	0	0	0.632412	FALSE	0 ADD3	1388934	0.534515
371	2	0	0	0.545346	FALSE	0 ALDH18A1	227788	0.508941
683.5	2	0	0	0.58043	FALSE	0 ANPEP	679494	0.525809
1147	2	0	0	0.632412	FALSE	0 ARL6IP5	1388934	0.534515
383.5	2	0	0	0.546882	FALSE	0 ATP9A	135252	0.508644
683.5	2	0	0	0.58043	FALSE	0 ATRN	679494	0.525809
1147	2	0	0	0.632412	FALSE	0 BTG1	1388934	0.534515
567	2	0	0	0.567158	FALSE	0 C15orf39	464870	0.523105
445.5	2	0	0	0.553948	FALSE	0 CAV2	245266	0.512687
683.5	2	0	0	0.58043	FALSE	0 CDCP1	679494	0.525809
567	2	0	0	0.567158	FALSE	0 CDH1	464870	0.523105
1147	2	0	0	0.632412	FALSE	0 CITED2	1388934	0.534515
567	2	0	0	0.567158	FALSE	0 CLDN12	464870	0.523105
683.5	2	0	0	0.58043	FALSE	0 COL6A1	679494	0.525809
683.5	2	0	0	0.58043	FALSE	0 CORO1C	679494	0.525809
1147	2	0	0	0.632412	FALSE	0 CSRN3	1388934	0.534515
683.5	2	0	0	0.58043	FALSE	0 CTNBP1	679494	0.525809
371	2	0	0	0.545346	FALSE	0 DFFA	227788	0.508941
1147	2	0	0	0.632412	FALSE	0 DYNC1H1	1388934	0.534515
445.5	2	0	0	0.553948	FALSE	0 EIF4E	245266	0.512687
1147	2	0	0	0.632412	FALSE	0 EIF4G3	1388934	0.534515
683.5	2	0	0	0.58043	FALSE	0 ENAH	679494	0.525809
567	2	0	0	0.567158	FALSE	0 ENTPD6	464870	0.523105
1147	2	0	0	0.632412	FALSE	0 ESR1	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0 EWSR1	1388934	0.534515
445.5	2	0	0	0.553948	FALSE	0 FAM3C	245266	0.512687
1147	2	0	0	0.632412	FALSE	0 FN3KRP	1388934	0.534515
457.5	2	0	0	0.556221	FALSE	0 FXN	305368	0.504978
1147	2	0	0	0.632412	FALSE	0 GOLM1	1388934	0.534515
371	2	0	0	0.545346	FALSE	0 GPRASP1	227788	0.508941
683.5	2	0	0	0.58043	FALSE	0 GRN	679494	0.525809
1147	2	0	0	0.632412	FALSE	0 HECW2	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0 HIF1A	1388934	0.534515
371	2	0	0	0.545346	FALSE	0 HMG20A	227788	0.508941
683.5	2	0	0	0.58043	FALSE	0 HMGA1	679494	0.525809

1147	2	0	0	0.632412	FALSE	0	HNRNPC	1388934	0.534515
683.5	2	0	0	0.58043	FALSE	0	HSPA8	679494	0.525809
1147	2	0	0	0.632412	FALSE	0	IBTK	1388934	0.534515
567	2	0	0	0.567158	FALSE	0	IGFBP4	464870	0.523105
683.5	2	0	0	0.58043	FALSE	0	IL24	679494	0.525809
683.5	2	0	0	0.58043	FALSE	0	INPPL1	679494	0.525809
1147	2	0	0	0.632412	FALSE	0	IRS2	1388934	0.534515
567	2	0	0	0.567158	FALSE	0	ITGA11	464870	0.523105
445.5	2	0	0	0.553948	FALSE	0	ITSN1	245266	0.512687
1147	2	0	0	0.632412	FALSE	0	JADE1	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	JUNB	1388934	0.534515
614	2	0	0	0.572934	FALSE	0	KCTD3	551948	0.521259
614	2	0	0	0.572934	FALSE	0	KLF4	551948	0.521259
1147	2	0	0	0.632412	FALSE	0	LARS	1388934	0.534515
371	2	0	0	0.545346	FALSE	0	MADD	227788	0.508941
567	2	0	0	0.567158	FALSE	0	MLLT1	464870	0.523105
346	2	0	0	0.542704	FALSE	0	MYRF	61302	0.504386
567	2	0	0	0.567158	FALSE	0	NANOG	464870	0.523105
1147	2	0	0	0.632412	FALSE	0	NCOA2	1388934	0.534515
683.5	2	0	0	0.58043	FALSE	0	NHLRC3	679494	0.525809
1147	2	0	0	0.632412	FALSE	0	NIPSNAP1	1388934	0.534515
457.5	2	0	0	0.556221	FALSE	0	NUP43	305368	0.504978
435.5	2	0	0	0.553088	FALSE	0	OCLN	323590	0.509379
435.5	2	0	0	0.553088	FALSE	0	ORC4	323590	0.509379
1147	2	0	0	0.632412	FALSE	0	PARD3	1388934	0.534515
683.5	2	0	0	0.58043	FALSE	0	PLAGL2	679494	0.525809
1147	2	0	0	0.632412	FALSE	0	PRKACB	1388934	0.534515
383.5	2	0	0	0.546882	FALSE	0	PRRX1	135252	0.508644
683.5	2	0	0	0.58043	FALSE	0	RAB3IP	679494	0.525809
445.5	2	0	0	0.553948	FALSE	0	RAB7A	245266	0.512687
1147	2	0	0	0.632412	FALSE	0	REV1	1388934	0.534515
683.5	2	0	0	0.58043	FALSE	0	RGS4	679494	0.525809
619	2	0	0	0.573671	FALSE	0	ROCK1	571238	0.520202
1147	2	0	0	0.632412	FALSE	0	RRAGC	1388934	0.534515
683.5	2	0	0	0.58043	FALSE	0	RSBN1L	679494	0.525809
1147	2	0	0	0.632412	FALSE	0	SERINC5	1388934	0.534515
435.5	2	0	0	0.553088	FALSE	0	SET	323590	0.509379
1147	2	0	0	0.632412	FALSE	0	SH3KBP1	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	SLC27A1	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	SLC30A7	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	SMAD5	1388934	0.534515
567	2	0	0	0.567158	FALSE	0	SNAI1	464870	0.523105
1147	2	0	0	0.632412	FALSE	0	SNAI2	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	SOCS7	1388934	0.534515
619	2	0	0	0.573671	FALSE	0	SPP1	571238	0.520202
1147	2	0	0	0.632412	FALSE	0	SRGAP1	1388934	0.534515
435.5	2	0	0	0.553088	FALSE	0	TCF4	323590	0.509379

619	2	0	0	0.573671	FALSE	0	TGFB1	571238	0.520202
346	2	0	0	0.542704	FALSE	0	TGFB2	61302	0.504386
1147	2	0	0	0.632412	FALSE	0	TGFBI	1388934	0.534515
683.5	2	0	0	0.58043	FALSE	0	TIMP1	679494	0.525809
1147	2	0	0	0.632412	FALSE	0	TMEFF1	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	TMEM189-	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	TMEM9B	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	TMOD3	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	TRIM28	1388934	0.534515
683.5	2	0	0	0.58043	FALSE	0	TSPAN6	679494	0.525809
383.5	2	0	0	0.546882	FALSE	0	UBE2W	135252	0.508644
1147	2	0	0	0.632412	FALSE	0	UBE4A	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	ZBTB25	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	ZDHHC6	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	ZFYVE9	1388934	0.534515
567	2	0	0	0.567158	FALSE	0	ZMYM4	464870	0.523105
1147	2	0	0	0.632412	FALSE	0	ZNF180	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	ZNF267	1388934	0.534515
1147	2	0	0	0.632412	FALSE	0	ZRANB1	1388934	0.534515
588	2	0	0	0.545346	FALSE	0	ACBD3	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ACO1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ACTBL2	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ACTN1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ANXA7	35630	0.807428
588	2	0	0	0.545346	FALSE	0	AP1G2	35630	0.807428
588	2	0	0	0.545346	FALSE	0	APMAP	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ARF3	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ARGLU1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ATF6	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ATP11AUN	35630	0.807428
541	2	0	0	0.564516	FALSE	0	ATP6V1H	429786	0.519731
588	2	0	0	0.545346	FALSE	0	BABAM1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	BAG6	35630	0.807428
588	2	0	0	0.545346	FALSE	0	BAIAP2	35630	0.807428
588	2	0	0	0.545346	FALSE	0	BCHE	35630	0.807428
588	2	0	0	0.545346	FALSE	0	BCLAF1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	CARD10	35630	0.807428
588	2	0	0	0.545346	FALSE	0	CARHSP1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	CASK	35630	0.807428
588	2	0	0	0.545346	FALSE	0	CCDC83	35630	0.807428
1121	2	0	0	0.628971	FALSE	0	CCNA2	1216088	0.536398
588	2	0	0	0.545346	FALSE	0	CD300LB	35630	0.807428
588	2	0	0	0.545346	FALSE	0	CDC25A	35630	0.807428
588	2	0	0	0.545346	FALSE	0	CECR2	35630	0.807428
1121	2	0	0	0.628971	FALSE	0	CFH	1216088	0.536398
588	2	0	0	0.545346	FALSE	0	CNNM3	35630	0.807428
588	2	0	0	0.545346	FALSE	0	CPNE1	35630	0.807428

588	2	0	0	0.545346	FALSE	0	CYTIP	35630	0.807428
588	2	0	0	0.545346	FALSE	0	DBF4B	35630	0.807428
588	2	0	0	0.545346	FALSE	0	DCAF16	35630	0.807428
588	2	0	0	0.545346	FALSE	0	DDX60	35630	0.807428
588	2	0	0	0.545346	FALSE	0	DECR1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	DEDD	35630	0.807428
588	2	0	0	0.545346	FALSE	0	DGCR6L	35630	0.807428
588	2	0	0	0.545346	FALSE	0	DHRS1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	DHX8	35630	0.807428
588	2	0	0	0.545346	FALSE	0	DNPH1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	EFNA5	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ELMSAN1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	EML1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ENTPD5	35630	0.807428
588	2	0	0	0.545346	FALSE	0	EPB41L4A	35630	0.807428
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588	2	0	0	0.545346	FALSE	0	FNBP4	35630	0.807428
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588	2	0	0	0.545346	FALSE	0	HIST1H4B	35630	0.807428
588	2	0	0	0.545346	FALSE	0	HLA-C	35630	0.807428
588	2	0	0	0.545346	FALSE	0	HLA-DPA1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	HNRNPA3	35630	0.807428
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588	2	0	0	0.545346	FALSE	0	HOXB8	35630	0.807428
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657.5	2	0	0	0.577665	FALSE	0	IFIT1	622100	0.523943
657.5	2	0	0	0.577665	FALSE	0	IFITM2	622100	0.523943
588	2	0	0	0.545346	FALSE	0	IL1RL2	35630	0.807428
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588	2	0	0	0.545346	FALSE	0	IRAK1	35630	0.807428
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357.5	2	0	0	0.543994	FALSE	0	ITGBL1	124888	0.505674
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588	2	0	0	0.545346	FALSE	0 NLGN1	35630	0.807428
657.5	2	0	0	0.577665	FALSE	0 NOTCH2	622100	0.523943
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588	2	0	0	0.545346	FALSE	0 PPHLN1	35630	0.807428
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588	2	0	0	0.545346	FALSE	0 PRRC2A	35630	0.807428
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431.5	2	0	0	0.552657	FALSE	0 SPATS2L	270480	0.508865
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588	2	0	0	0.545346	FALSE	0	TMPRSS5	35630	0.807428
1121	2	0	0	0.628971	FALSE	0	TNF-??	1216088	0.536398
588	2	0	0	0.545346	FALSE	0	TNFAIP8	35630	0.807428
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588	2	0	0	0.545346	FALSE	0	TOMM70A	35630	0.807428
657.5	2	0	0	0.577665	FALSE	0	TRAM1	622100	0.523943
588	2	0	0	0.545346	FALSE	0	TRMT112	35630	0.807428
431.5	2	0	0	0.552657	FALSE	0	TSPAN14	270480	0.508865
588	2	0	0	0.545346	FALSE	0	UHRF1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	UMPS	35630	0.807428
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588	2	0	0	0.545346	FALSE	0	WSB2	35630	0.807428
588	2	0	0	0.545346	FALSE	0	YTHDF2	35630	0.807428
1121	2	0	0	0.628971	FALSE	0	ZDHHC12	1216088	0.536398
588	2	0	0	0.545346	FALSE	0	ZHX1	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ZNF175	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ZNF257	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ZNF26	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ZNF410	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ZNF493	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ZNF597	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ZNF620	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ZNF629	35630	0.807428
588	2	0	0	0.545346	FALSE	0	ZNF768	35630	0.807428
2.15103	874	0	0	0.720891	TRUE	0	hsa-miR-14	1.03E+09	0.067708
588	2	0	0	0.545346	FALSE	0	ZNF823	35630	0.807428
1116	2	0	0	0.627558	FALSE	0	AFF1	1139158	0.539952
536	2	0	0	0.563717	FALSE	0	ATP1A1	412704	0.521443
340	2	0	0	0.541782	FALSE	0	BCAT2	234692	0.506726
652.5	2	0	0	0.576621	FALSE	0	DDX26B	593452	0.527104
1116	2	0	0	0.627558	FALSE	0	FAM160A1	1139158	0.539952
1116	2	0	0	0.627558	FALSE	0	GINS1	1139158	0.539952
536	2	0	0	0.563717	FALSE	0	HSPA1B	412704	0.521443
1116	2	0	0	0.627558	FALSE	0	ITSN2	1139158	0.539952
1116	2	0	0	0.627558	FALSE	0	KIAA2018	1139158	0.539952
1116	2	0	0	0.627558	FALSE	0	KIT	1139158	0.539952
652.5	2	0	0	0.576621	FALSE	0	LYPLA1	593452	0.527104
1116	2	0	0	0.627558	FALSE	0	PBX1	1139158	0.539952
652.5	2	0	0	0.576621	FALSE	0	PDK4	593452	0.527104
652.5	2	0	0	0.576621	FALSE	0	PEAK1	593452	0.527104
1116	2	0	0	0.627558	FALSE	0	PHTF2	1139158	0.539952
1116	2	0	0	0.627558	FALSE	0	SOGA1	1139158	0.539952
1116	2	0	0	0.627558	FALSE	0	SORT1	1139158	0.539952
652.5	2	0	0	0.576621	FALSE	0	SSR3	593452	0.527104
1116	2	0	0	0.627558	FALSE	0	ZNRF3	1139158	0.539952
848	2	0	0	0.603963	FALSE	0	ACACA	126592	0.503867

1185.5	2	0	0	0.63616	FALSE	0 AHDC1	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 ARHGAP11	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 ARHGAP22	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 ARL6IP1	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 ARMC8	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 ARPC2	1546496	0.537188
846.5	2	0	0	0.604332	FALSE	0 ASB6	246542	0.501186
1185.5	2	0	0	0.63616	FALSE	0 ASCL2	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 ASNA1	1047346	0.529237
873	2	0	0	0.606544	FALSE	0 ATG14	596028	0.506094
1185.5	2	0	0	0.63616	FALSE	0 ATL3	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 ATP2A2	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 BLCAP	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 C19orf48	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 C22orf29	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 C7orf60	1546496	0.537188
937.5	2	0	0	0.612811	FALSE	0 CAPZA1	672392	0.513151
1185.5	2	0	0	0.63616	FALSE	0 CBX7	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 CCDC137	1047346	0.529237
1069	2	0	0	0.62467	FALSE	0 CCNE2	1047346	0.529237
937.5	2	0	0	0.612811	FALSE	0 CHAC1	672392	0.513151
947.5	2	0	0	0.613671	FALSE	0 CHD9	559732	0.514682
873	2	0	0	0.606544	FALSE	0 CLIP4	596028	0.506094
1069	2	0	0	0.62467	FALSE	0 CLN6	1047346	0.529237
868.5	2	0	0	0.605991	FALSE	0 CRIM1	258162	0.506126
947.5	2	0	0	0.613671	FALSE	0 CSNK1G1	559732	0.514682
868.5	2	0	0	0.605991	FALSE	0 CSNK2A1	258162	0.506126
1185.5	2	0	0	0.63616	FALSE	0 CYR61	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 DDX39B	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 DIXDC1	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 DNAJB14	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 DNMT1	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 DTL	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 DYRK1A	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 EAF1	1546496	0.537188
873	2	0	0	0.606544	FALSE	0 EIF2A	596028	0.506094
947.5	2	0	0	0.613671	FALSE	0 ELMOD2	559732	0.514682
1185.5	2	0	0	0.63616	FALSE	0 EMC10	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 ENTPD4	1546496	0.537188
868.5	2	0	0	0.605991	FALSE	0 ESRP1	258162	0.506126
947.5	2	0	0	0.613671	FALSE	0 ESYT1	559732	0.514682
1069	2	0	0	0.62467	FALSE	0 EVI5L	1047346	0.529237
959.5	2	0	0	0.616252	FALSE	0 FBXW2	714456	0.509569
1185.5	2	0	0	0.63616	FALSE	0 FEM1B	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 FGFRL1	1047346	0.529237
947.5	2	0	0	0.613671	FALSE	0 FLCN	559732	0.514682
1185.5	2	0	0	0.63616	FALSE	0 FOXO3	1546496	0.537188

1185.5	2	0	0	0.63616	FALSE	0	FOXP1	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0	FOXP2	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0	GPR137B	1546496	0.537188
873	2	0	0	0.606544	FALSE	0	GRB10	596028	0.506094
1185.5	2	0	0	0.63616	FALSE	0	GSKIP	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0	HCFC1	1047346	0.529237
937.5	2	0	0	0.612811	FALSE	0	HS2ST1	672392	0.513151
937.5	2	0	0	0.612811	FALSE	0	IDH1	672392	0.513151
947.5	2	0	0	0.613671	FALSE	0	IKZF1	559732	0.514682
1185.5	2	0	0	0.63616	FALSE	0	IL10	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0	IPO8	1546496	0.537188
885.5	2	0	0	0.607957	FALSE	0	IPPK	312790	0.506586
1069	2	0	0	0.62467	FALSE	0	ITPR1	1047346	0.529237
1069	2	0	0	0.62467	FALSE	0	KIF2A	1047346	0.529237
873	2	0	0	0.606544	FALSE	0	KIFAP3	596028	0.506094
959.5	2	0	0	0.616252	FALSE	0	KLF13	714456	0.509569
885.5	2	0	0	0.607957	FALSE	0	LRIG3	312790	0.506586
1069	2	0	0	0.62467	FALSE	0	LZTFL1	1047346	0.529237
1069	2	0	0	0.62467	FALSE	0	MAP4	1047346	0.529237
1069	2	0	0	0.62467	FALSE	0	MAZ	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0	MBOAT7	1546496	0.537188
937.5	2	0	0	0.612811	FALSE	0	MECP2	672392	0.513151
1185.5	2	0	0	0.63616	FALSE	0	MGEA5	1546496	0.537188
959.5	2	0	0	0.616252	FALSE	0	MOCS3	714456	0.509569
959.5	2	0	0	0.616252	FALSE	0	MTPAP	714456	0.509569
885.5	2	0	0	0.607957	FALSE	0	MYLIP	312790	0.506586
937.5	2	0	0	0.612811	FALSE	0	NCOA1	672392	0.513151
959.5	2	0	0	0.616252	FALSE	0	NCOR2	714456	0.509569
947.5	2	0	0	0.613671	FALSE	0	NIPA1	559732	0.514682
885.5	2	0	0	0.607957	FALSE	0	NRBF2	312790	0.506586
1069	2	0	0	0.62467	FALSE	0	NUP188	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0	NUP50	1546496	0.537188
959.5	2	0	0	0.616252	FALSE	0	PDE7A	714456	0.509569
937.5	2	0	0	0.612811	FALSE	0	PGM2L1	672392	0.513151
1185.5	2	0	0	0.63616	FALSE	0	POLG	1546496	0.537188
873	2	0	0	0.606544	FALSE	0	POLI	596028	0.506094
885.5	2	0	0	0.607957	FALSE	0	POLR2B	312790	0.506586
1185.5	2	0	0	0.63616	FALSE	0	PPP2CA	1546496	0.537188
873	2	0	0	0.606544	FALSE	0	PRKX	596028	0.506094
937.5	2	0	0	0.612811	FALSE	0	PTCD2	672392	0.513151
1185.5	2	0	0	0.63616	FALSE	0	QTRTD1	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0	RAB34	1047346	0.529237
868.5	2	0	0	0.605991	FALSE	0	RAP1A	258162	0.506126
959.5	2	0	0	0.616252	FALSE	0	RBBP8	714456	0.509569
1069	2	0	0	0.62467	FALSE	0	RBCK1	1047346	0.529237
1069	2	0	0	0.62467	FALSE	0	RBM14	1047346	0.529237
937.5	2	0	0	0.612811	FALSE	0	RBM38	672392	0.513151

1185.5	2	0	0	0.63616	FALSE	0 RNF38	1546496	0.537188
868.5	2	0	0	0.605991	FALSE	0 RNMT	258162	0.506126
873	2	0	0	0.606544	FALSE	0 RORB	596028	0.506094
1069	2	0	0	0.62467	FALSE	0 RRAGD	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 RSPRY1	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 RUNX2	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 RYBP	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 SAR1A	1047346	0.529237
885.5	2	0	0	0.607957	FALSE	0 SCML1	312790	0.506586
1185.5	2	0	0	0.63616	FALSE	0 SEC24C	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 SLC2A13	1047346	0.529237
937.5	2	0	0	0.612811	FALSE	0 SMYD2	672392	0.513151
1069	2	0	0	0.62467	FALSE	0 SNX17	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 SPHK2	1546496	0.537188
937.5	2	0	0	0.612811	FALSE	0 SPOPL	672392	0.513151
937.5	2	0	0	0.612811	FALSE	0 SPRYD3	672392	0.513151
1069	2	0	0	0.62467	FALSE	0 SPTSSA	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 SSR1	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 STEAP3	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 STK35	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 SV2A	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 TBRG1	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 TIA1	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 TMEM127	1047346	0.529237
937.5	2	0	0	0.612811	FALSE	0 TP53	672392	0.513151
1185.5	2	0	0	0.63616	FALSE	0 TRIM2	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 UBA52	1047346	0.529237
1069	2	0	0	0.62467	FALSE	0 UBE2Q1	1047346	0.529237
873	2	0	0	0.606544	FALSE	0 UBFD1	596028	0.506094
1185.5	2	0	0	0.63616	FALSE	0 UBL3	1546496	0.537188
947.5	2	0	0	0.613671	FALSE	0 UBQLN2	559732	0.514682
1069	2	0	0	0.62467	FALSE	0 USP8	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 VMA21	1546496	0.537188
959.5	2	0	0	0.616252	FALSE	0 VPS35	714456	0.509569
1185.5	2	0	0	0.63616	FALSE	0 WBP2	1546496	0.537188
1185.5	2	0	0	0.63616	FALSE	0 WDR43	1546496	0.537188
1069	2	0	0	0.62467	FALSE	0 ZBTB10	1047346	0.529237
1185.5	2	0	0	0.63616	FALSE	0 ZFYVE26	1546496	0.537188
959.5	2	0	0	0.616252	FALSE	0 ZNF584	714456	0.509569
157	2	0	0	0.517573	FALSE	0 1-Mar	33284	0.506494
288.5	2	0	0	0.535453	FALSE	0 CNN3	83906	0.507951
105	2	0	0	0.513333	FALSE	0 FPR1	23504	0.504854
288.5	2	0	0	0.535453	FALSE	0 GAS7	83906	0.507951
288.5	2	0	0	0.535453	FALSE	0 LNPK	83906	0.507951
288.5	2	0	0	0.535453	FALSE	0 TBCK	83906	0.507951
379.5	2	0	0	0.546513	FALSE	0 ANKS1A	227114	0.507373
266.5	2	0	0	0.532995	FALSE	0 ARHGDI1A	71124	0.504753

293	2	0	0	0.53619	FALSE	0	AUTS2	206534	0.50519
605.5	2	0	0	0.570599	FALSE	0	C1orf109	488528	0.531195
268	2	0	0	0.533118	FALSE	0	C3orf58	44434	0.505682
605.5	2	0	0	0.570599	FALSE	0	CDK16	488528	0.531195
605.5	2	0	0	0.570599	FALSE	0	CHAF1A	488528	0.531195
305.5	2	0	0	0.537727	FALSE	0	CHD4	114370	0.504975
367.5	2	0	0	0.544916	FALSE	0	CHFR	191994	0.509028
357.5	2	0	0	0.543564	FALSE	0	CMTM4	220636	0.510745
293	2	0	0	0.53619	FALSE	0	CTIF	206534	0.50519
367.5	2	0	0	0.544916	FALSE	0	FOXN3	191994	0.509028
605.5	2	0	0	0.570599	FALSE	0	FZD3	488528	0.531195
379.5	2	0	0	0.546513	FALSE	0	GNB1L	227114	0.507373
357.5	2	0	0	0.543564	FALSE	0	GPR137C	220636	0.510745
605.5	2	0	0	0.570599	FALSE	0	H6PD	488528	0.531195
605.5	2	0	0	0.570599	FALSE	0	ILF3	488528	0.531195
605.5	2	0	0	0.570599	FALSE	0	KIAA0195	488528	0.531195
605.5	2	0	0	0.570599	FALSE	0	LENG8	488528	0.531195
379.5	2	0	0	0.546513	FALSE	0	LRRC47	227114	0.507373
605.5	2	0	0	0.570599	FALSE	0	LTBP3	488528	0.531195
605.5	2	0	0	0.570599	FALSE	0	LZTS2	488528	0.531195
379.5	2	0	0	0.546513	FALSE	0	MAST3	227114	0.507373
266.5	2	0	0	0.532995	FALSE	0	MED28	71124	0.504753
605.5	2	0	0	0.570599	FALSE	0	NPDC1	488528	0.531195
605.5	2	0	0	0.570599	FALSE	0	NUDT16L1	488528	0.531195
379.5	2	0	0	0.546513	FALSE	0	PDXK	227114	0.507373
605.5	2	0	0	0.570599	FALSE	0	POLR3E	488528	0.531195
605.5	2	0	0	0.570599	FALSE	0	PPP1CA	488528	0.531195
357.5	2	0	0	0.543564	FALSE	0	PSMD11	220636	0.510745
266.5	2	0	0	0.532995	FALSE	0	PTDSS2	71124	0.504753
357.5	2	0	0	0.543564	FALSE	0	RAB11FIP2	220636	0.510745
357.5	2	0	0	0.543564	FALSE	0	RASL10B	220636	0.510745
605.5	2	0	0	0.570599	FALSE	0	SATB2	488528	0.531195
305.5	2	0	0	0.537727	FALSE	0	SMARCC2	114370	0.504975
605.5	2	0	0	0.570599	FALSE	0	TMEM132I	488528	0.531195
605.5	2	0	0	0.570599	FALSE	0	TNRC18	488528	0.531195
484	2	0	0	0.558433	FALSE	0	CENPQ	270558	0.51383
484	2	0	0	0.558433	FALSE	0	CRLF3	270558	0.51383
484	2	0	0	0.558433	FALSE	0	DONSON	270558	0.51383
236	2	0	0	0.529186	FALSE	0	P2RY10	105968	0.506466
484	2	0	0	0.558433	FALSE	0	PHACTR4	270558	0.51383
184	2	0	0	0.522919	FALSE	0	PIK3C2A	57940	0.505525
236	2	0	0	0.529186	FALSE	0	RIF1	105968	0.506466
171.5	2	0	0	0.521567	FALSE	0	UBA3	91642	0.501471
484	2	0	0	0.558433	FALSE	0	YPEL2	270558	0.51383
484	2	0	0	0.558433	FALSE	0	ZNF248	270558	0.51383
158.5	2	0	0	0.519969	FALSE	0	ARGFX	31624	0.501592
384.5	2	0	0	0.547619	FALSE	0	CCNI2	72884	0.501963

84.5	2	0	0	0.509401	FALSE	0	KCNJ6	10148	0.509146
384.5	2	0	0	0.547619	FALSE	0	P4HB	72884	0.501963
196	2	0	0	0.524516	FALSE	0	CCDC127	73932	0.502577
174	2	0	0	0.521628	FALSE	0	CEBPB	57362	0.507331
174	2	0	0	0.521628	FALSE	0	KLF7	57362	0.507331
174	2	0	0	0.521628	FALSE	0	MAP2	57362	0.507331
422	2	0	0	0.551859	FALSE	0	SPATA13	164278	0.505402
174	2	0	0	0.521628	FALSE	0	SULT1B1	57362	0.507331
422	2	0	0	0.551859	FALSE	0	ZC3H12C	164278	0.505402
383	2	0	0	0.547189	FALSE	0	CAPN15	104954	0.504624
135	2	0	0	0.517081	FALSE	0	TOR4A	52376	0.501873
248	2	0	0	0.530538	FALSE	0	C2orf82	141906	0.50823
474	2	0	0	0.55745	FALSE	0	FMNL3	349936	0.511905
474	2	0	0	0.55745	FALSE	0	GATA2	349936	0.511905
248	2	0	0	0.530538	FALSE	0	LRIG2	141906	0.50823
474	2	0	0	0.55745	FALSE	0	M6PR	349936	0.511905
248	2	0	0	0.530538	FALSE	0	MINOS1	141906	0.50823
474	2	0	0	0.55745	FALSE	0	NKIRAS2	349936	0.511905
474	2	0	0	0.55745	FALSE	0	OXA1L	349936	0.511905
474	2	0	0	0.55745	FALSE	0	RAC3	349936	0.511905
248	2	0	0	0.530538	FALSE	0	SLC10A6	141906	0.50823
474	2	0	0	0.55745	FALSE	0	YWHAZ	349936	0.511905
248	2	0	0	0.530538	FALSE	0	ZMYM1	141906	0.50823
496	2	0	0	0.560645	FALSE	0	CDR1	334968	0.507172
183.5	2	0	0	0.522796	FALSE	0	FADS1	107472	0.506944
496	2	0	0	0.560645	FALSE	0	FBXL18	334968	0.507172
496	2	0	0	0.560645	FALSE	0	PTBP1	334968	0.507172
496	2	0	0	0.560645	FALSE	0	TMEM109	334968	0.507172
409.5	2	0	0	0.550015	FALSE	0	ERGIC2	252852	0.508717
409.5	2	0	0	0.550015	FALSE	0	INIP	252852	0.508717
409.5	2	0	0	0.550015	FALSE	0	LGALS3BP	252852	0.508717
409.5	2	0	0	0.550015	FALSE	0	TNPO3	252852	0.508717
1358	1	0	0	0.583994	FALSE	0	ABHD10	0	0
1358	1	0	0	0.583994	FALSE	0	ACP2	0	0
1358	1	0	0	0.583994	FALSE	0	ACTN4	0	0
1358	1	0	0	0.583994	FALSE	0	ACVR2B	0	0
1358	1	0	0	0.583994	FALSE	0	ACYP1	0	0
1358	1	0	0	0.583994	FALSE	0	ADAT1	0	0
1358	1	0	0	0.583994	FALSE	0	ADNP2	0	0
1358	1	0	0	0.583994	FALSE	0	AFF4	0	0
1358	1	0	0	0.583994	FALSE	0	AHCY	0	0
1358	1	0	0	0.583994	FALSE	0	AMD1	0	0
1358	1	0	0	0.583994	FALSE	0	ANK3	0	0
1358	1	0	0	0.583994	FALSE	0	AP1S2	0	0
1358	1	0	0	0.583994	FALSE	0	AP1S3	0	0
1358	1	0	0	0.583994	FALSE	0	AP4E1	0	0
1358	1	0	0	0.583994	FALSE	0	APOOL	0	0



1358	1	0	0	0.583994	FALSE	0	APPBP2	0	0
1358	1	0	0	0.583994	FALSE	0	ARF1	0	0
1358	1	0	0	0.583994	FALSE	0	ARHGAP17	0	0
1358	1	0	0	0.583994	FALSE	0	ARHGEF11	0	0
1358	1	0	0	0.583994	FALSE	0	ARHGEF3	0	0
1358	1	0	0	0.583994	FALSE	0	ARID2	0	0
1358	1	0	0	0.583994	FALSE	0	ARID4A	0	0
1358	1	0	0	0.583994	FALSE	0	ARL4C	0	0
1358	1	0	0	0.583994	FALSE	0	ATG12	0	0
1358	1	0	0	0.583994	FALSE	0	ATG4D	0	0
1358	1	0	0	0.583994	FALSE	0	ATP1B1	0	0
1358	1	0	0	0.583994	FALSE	0	ATP5A1	0	0
1358	1	0	0	0.583994	FALSE	0	ATP5B	0	0
1358	1	0	0	0.583994	FALSE	0	ATP5G3	0	0
1358	1	0	0	0.583994	FALSE	0	ATP6AP2	0	0
1358	1	0	0	0.583994	FALSE	0	AVPI1	0	0
1358	1	0	0	0.583994	FALSE	0	B2M	0	0
1358	1	0	0	0.583994	FALSE	0	BCL11B	0	0
1358	1	0	0	0.583994	FALSE	0	BCL9	0	0
1358	1	0	0	0.583994	FALSE	0	BEND4	0	0
1358	1	0	0	0.583994	FALSE	0	BICC1	0	0
1358	1	0	0	0.583994	FALSE	0	BIRC5	0	0
1358	1	0	0	0.583994	FALSE	0	BLOC1S6	0	0
1358	1	0	0	0.583994	FALSE	0	BMT2	0	0
1358	1	0	0	0.583994	FALSE	0	BRIP1	0	0
1358	1	0	0	0.583994	FALSE	0	BTRC	0	0
1358	1	0	0	0.583994	FALSE	0	BZW1	0	0
1358	1	0	0	0.583994	FALSE	0	BZW2	0	0
1358	1	0	0	0.583994	FALSE	0	C10orf12	0	0
1358	1	0	0	0.583994	FALSE	0	C10orf88	0	0
1358	1	0	0	0.583994	FALSE	0	C17orf104	0	0
1358	1	0	0	0.583994	FALSE	0	C19orf12	0	0
1358	1	0	0	0.583994	FALSE	0	C1orf147	0	0
1358	1	0	0	0.583994	FALSE	0	C1orf52	0	0
1358	1	0	0	0.583994	FALSE	0	C22orf39	0	0
1358	1	0	0	0.583994	FALSE	0	C3orf38	0	0
1358	1	0	0	0.583994	FALSE	0	C5orf15	0	0
1358	1	0	0	0.583994	FALSE	0	C7orf31	0	0
1358	1	0	0	0.583994	FALSE	0	C7orf49	0	0
1358	1	0	0	0.583994	FALSE	0	C7orf73	0	0
1358	1	0	0	0.583994	FALSE	0	C8orf4	0	0
1358	1	0	0	0.583994	FALSE	0	C8orf76	0	0
1358	1	0	0	0.583994	FALSE	0	CA12	0	0
1358	1	0	0	0.583994	FALSE	0	CAAP1	0	0
1358	1	0	0	0.583994	FALSE	0	CAPZB	0	0
1358	1	0	0	0.583994	FALSE	0	CARNMT1	0	0
1358	1	0	0	0.583994	FALSE	0	CBX2	0	0

1358	1	0	0	0.583994	FALSE	0	CCDC186	0	0
1358	1	0	0	0.583994	FALSE	0	CCNC	0	0
1358	1	0	0	0.583994	FALSE	0	CCNJ	0	0
1358	1	0	0	0.583994	FALSE	0	CCNY	0	0
1358	1	0	0	0.583994	FALSE	0	CD38	0	0
1358	1	0	0	0.583994	FALSE	0	CD55	0	0
1358	1	0	0	0.583994	FALSE	0	CDH5	0	0
1358	1	0	0	0.583994	FALSE	0	CDK1	0	0
1358	1	0	0	0.583994	FALSE	0	CDK2AP1	0	0
1358	1	0	0	0.583994	FALSE	0	CDK8	0	0
1358	1	0	0	0.583994	FALSE	0	CEBPA	0	0
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1358	1	0	0	0.583994	FALSE	0	CHAMP1	0	0
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1358	1	0	0	0.583994	FALSE	0	CHST15	0	0
1358	1	0	0	0.583994	FALSE	0	CHSY1	0	0
1358	1	0	0	0.583994	FALSE	0	CIAPIN1	0	0
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1358	1	0	0	0.583994	FALSE	0	CMIP	0	0
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1358	1	0	0	0.583994	FALSE	0	CNEP1R1	0	0
1358	1	0	0	0.583994	FALSE	0	COPS7B	0	0
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1358	1	0	0	0.583994	FALSE	0	CPS1	0	0
1358	1	0	0	0.583994	FALSE	0	CSF1	0	0
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1358	1	0	0	0.583994	FALSE	0	DCAF12L2	0	0
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1358	1	0	0	0.583994	FALSE	0	DERL2	0	0
1358	1	0	0	0.583994	FALSE	0	DGCR2	0	0
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1358	1	0	0	0.583994	FALSE	0	DIP2B	0	0
1358	1	0	0	0.583994	FALSE	0	DIS3	0	0
1358	1	0	0	0.583994	FALSE	0	DLG3	0	0

1358	1	0	0	0.583994	FALSE	0	DLX1	0	0
1358	1	0	0	0.583994	FALSE	0	DNAJC3	0	0
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1358	1	0	0	0.583994	FALSE	0	DYRK2	0	0
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1358	1	0	0	0.583994	FALSE	0	EIF2S3	0	0
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44	1	0	0	0.496559	FALSE	0	BRSK2	0	0
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