

lncRNA	gene	gene type	cor	pvalue
AC010973.2	ZNF692	protein_coding	7.26E-01	1.59E-86
AC010973.2	HSF4	protein_coding	7.17E-01	1.73E-83
AC010973.2	CDK10	protein_coding	0.691	3.79E-75
AC010973.2	KIFC2	protein_coding	0.691	4.39E-75
AC010973.2	ANKS3	protein_coding	0.686	1.36E-73
AC010973.2	HDAC10	protein_coding	0.684	4.44E-73
AC010973.2	TAF1C	protein_coding	0.678	2.7E-71
AC010973.2	BRICD5	protein_coding	0.676	6.73E-71
AC010973.2	CENPT	protein_coding	0.667	2.32E-68
AC010973.2	TAZ	protein_coding	0.667	2.49E-68
AC010973.2	WDR90	protein_coding	0.663	2.7E-67
AC010973.2	EME2	protein_coding	0.659	2.65E-66
AC010973.2	DPH7	protein_coding	0.655	4.1E-65
AC010973.2	CHTF18	protein_coding	0.654	8.18E-65
AC010973.2	KIAA0895L	protein_coding	0.654	8.65E-65
AC010973.2	ANKRD13D	protein_coding	0.651	4.08E-64
AC010973.2	INPP5E	protein_coding	0.65	7.79E-64
AC010973.2	CCNL2	protein_coding	0.649	1.28E-63
AC010973.2	SAPCD1	protein_coding	0.649	1.31E-63
AC010973.2	PRKRIP1	protein_coding	0.647	4.97E-63
AC010973.2	MRNIP	protein_coding	0.646	7.68E-63
AC010973.2	LIME1	protein_coding	0.643	3.55E-62
AC010973.2	LENG8	protein_coding	0.643	4.9E-62
AC010973.2	SCX	protein_coding	0.641	1.03E-61
AC010973.2	KMT5C	protein_coding	0.641	1.44E-61
AC010973.2	CLASRP	protein_coding	0.64	2.41E-61
AC010973.2	NPEPL1	protein_coding	0.64	2.83E-61
AC010973.2	RHPN1	protein_coding	0.639	2.99E-61
AC010973.2	CDK5RAP3	protein_coding	0.639	5.17E-61
AC010973.2	UBXN11	protein_coding	0.638	8E-61
AC010973.2	FAM193B	protein_coding	0.636	1.74E-60
AC010973.2	KLHL17	protein_coding	0.636	2.38E-60
AC010973.2	RECQL4	protein_coding	0.633	8.91E-60
AC010973.2	SNRNP70	protein_coding	0.632	1.69E-59
AC010973.2	ACAP3	protein_coding	0.631	3.66E-59
AC010973.2	GIGYF1	protein_coding	0.629	1.15E-58
AC010973.2	ATAD3B	protein_coding	0.628	1.45E-58
AC010973.2	MAPK8IP3	protein_coding	0.627	2.68E-58
AC010973.2	ANKZF1	protein_coding	0.626	4.32E-58
AC010973.2	TRMT1	protein_coding	0.625	9.16E-58
AC010973.2	CCDC78	protein_coding	0.623	3.16E-57
AC010973.2	TRMU	protein_coding	0.622	4.54E-57
AC010973.2	PIDD1	protein_coding	0.62	9.9E-57
AC010973.2	CAPN10	protein_coding	0.62	1.08E-56
AC010973.2	DDX51	protein_coding	0.618	3.13E-56
AC010973.2	PIF1	protein_coding	0.617	5.03E-56
AC010973.2	TUBGCP6	protein_coding	0.616	1.01E-55
AC010973.2	TNFRSF25	protein_coding	0.615	1.95E-55
AC010973.2	KRTAP5-1	protein_coding	0.614	2.31E-55
AC010973.2	LCN12	protein_coding	0.614	2.38E-55
AC010973.2	SNAPC4	protein_coding	0.614	2.99E-55
AC010973.2	TEPSIN	protein_coding	0.612	7.79E-55
AC010973.2	CCDC130	protein_coding	0.61	2.1E-54
AC010973.2	ZNF316	protein_coding	0.608	6.17E-54
AC010973.2	PABPC1L	protein_coding	0.607	7.67E-54

AC010973.2	ENO3	protein_coding	0.604	3.92E-53
AC010973.2	TJAP1	protein_coding	0.603	6.19E-53
AC010973.2	AGAP3	protein_coding	0.598	7.25E-52
AC010973.2	PBX4	protein_coding	0.597	1.18E-51
AC010973.2	CHKB	protein_coding	0.596	1.66E-51
AC010973.2	CCDC57	protein_coding	0.596	1.9E-51
AC010973.2	PJA2	protein_coding	-0.595	3.49E-51
AC010973.2	ANO9	protein_coding	0.594	6.16E-51
AC010973.2	ARL6IP4	protein_coding	0.593	7.88E-51
AC010973.2	PPP2R3B	protein_coding	0.591	2.13E-50
AC010973.2	DXO	protein_coding	0.59	3.23E-50
AC010973.2	AKAP17A	protein_coding	0.59	4.36E-50
AC010973.2	TEN1-CDK3	protein_coding	0.589	4.65E-50
AC010973.2	PGGHG	protein_coding	0.587	1.43E-49
AC010973.2	NOL12	protein_coding	0.587	1.48E-49
AC010973.2	DHX34	protein_coding	0.586	1.86E-49
AC010973.2	ATG4B	protein_coding	0.585	3.08E-49
AC010973.2	MLXIPL	protein_coding	0.584	7.26E-49
AC010973.2	CLK2	protein_coding	0.58	3.82E-48
AC010973.2	ARHGAP33	protein_coding	0.577	1.32E-47
AC010973.2	PILRB	protein_coding	0.577	1.35E-47
AC010973.2	AL121845.3	protein_coding	0.576	1.98E-47
AC010973.2	PUS1	protein_coding	0.576	2.73E-47
AC010973.2	RAD9A	protein_coding	0.574	4.58E-47
AC010973.2	ZNF335	protein_coding	0.574	4.68E-47
AC010973.2	PLXNA3	protein_coding	0.574	4.97E-47
AC010973.2	JMJD7-PLA2G4B	protein_coding	0.574	6.47E-47
AC010973.2	ABHD14A-ACY1	protein_coding	0.572	1.29E-46
AC010973.2	UCN	protein_coding	0.571	1.84E-46
AC010973.2	AGAP6	protein_coding	0.571	1.88E-46
AC010973.2	AGER	protein_coding	0.571	2.03E-46
AC010973.2	FBF1	protein_coding	0.571	2.24E-46
AC010973.2	NDOR1	protein_coding	0.571	2.47E-46
AC010973.2	ARFGAP1	protein_coding	0.57	2.63E-46
AC010973.2	LRRC14	protein_coding	0.569	4.5E-46
AC010973.2	TONSL	protein_coding	0.568	8.68E-46
AC010973.2	PHKG2	protein_coding	0.568	8.77E-46
AC010973.2	PLXNB1	protein_coding	0.568	9.12E-46
AC010973.2	SPPL2B	protein_coding	0.567	9.88E-46
AC010973.2	IL6ST	protein_coding	-0.567	1.11E-45
AC010973.2	C1orf159	protein_coding	0.566	1.54E-45
AC010973.2	ZMIZ2	protein_coding	0.563	5.98E-45
AC010973.2	BRAT1	protein_coding	0.563	6.01E-45
AC010973.2	TELO2	protein_coding	0.563	7.37E-45
AC010973.2	GNA13	protein_coding	-0.562	1.21E-44
AC010973.2	MTG1	protein_coding	0.561	1.61E-44
AC010973.2	SLC12A9	protein_coding	0.56	2.63E-44
AC010973.2	KAT2A	protein_coding	0.559	3.7E-44
AC010973.2	DAZAP1	protein_coding	0.559	3.86E-44
AC010973.2	DENND4B	protein_coding	0.558	6.06E-44
AC010973.2	ATXN7L2	protein_coding	0.558	6.11E-44
AC010973.2	GTPBP3	protein_coding	0.558	6.58E-44
AC010973.2	LY6G5B	protein_coding	0.557	7.38E-44
AC010973.2	D2HGDH	protein_coding	0.557	7.73E-44
AC010973.2	SLC4A2	protein_coding	0.557	7.99E-44
AC010973.2	STX1A	protein_coding	0.557	8.08E-44

AC010973.2	PRSS53	protein_coding	0.556	1.22E-43
AC010973.2	CSAD	protein_coding	0.556	1.58E-43
AC010973.2	E4F1	protein_coding	0.555	2.39E-43
AC010973.2	KLHDC4	protein_coding	0.554	3.12E-43
AC010973.2	SEL1L	protein_coding	-0.553	5.02E-43
AC010973.2	ZNF783	protein_coding	0.553	5.64E-43
AC010973.2	SPRN	protein_coding	0.552	5.92E-43
AC010973.2	RSBN1	protein_coding	-0.552	7.99E-43
AC010973.2	RHOT2	protein_coding	0.551	9.91E-43
AC010973.2	FBXL8	protein_coding	0.55	1.76E-42
AC010973.2	TMEM120B	protein_coding	0.55	1.77E-42
AC010973.2	GATD1	protein_coding	0.55	1.83E-42
AC010973.2	ZMYND19	protein_coding	0.549	2.32E-42
AC010973.2	UCKL1	protein_coding	0.549	2.53E-42
AC010973.2	MTA1	protein_coding	0.549	2.73E-42
AC010973.2	ENGASE	protein_coding	0.548	3.08E-42
AC010973.2	NCK1	protein_coding	-0.548	3.37E-42
AC010973.2	PAXX	protein_coding	0.547	5.75E-42
AC010973.2	MAPK15	protein_coding	0.547	6.35E-42
AC010973.2	CALML6	protein_coding	0.546	7.06E-42
AC010973.2	NBEAL2	protein_coding	0.544	1.54E-41
AC010973.2	ATP6V1FNB	protein_coding	0.544	1.55E-41
AC010973.2	RNF11	protein_coding	-0.543	2.49E-41
AC010973.2	ING5	protein_coding	0.543	2.58E-41
AC010973.2	CPNE7	protein_coding	0.542	3.47E-41
AC010973.2	LRP5L	protein_coding	0.542	3.58E-41
AC010973.2	LPIN3	protein_coding	0.542	3.7E-41
AC010973.2	RAP1A	protein_coding	-0.542	3.96E-41
AC010973.2	MICALL2	protein_coding	0.542	4.06E-41
AC010973.2	DOCK6	protein_coding	0.542	4.36E-41
AC010973.2	RTEL1-TNFRSF6B	protein_coding	0.542	4.85E-41
AC010973.2	STAM2	protein_coding	-0.541	4.99E-41
AC010973.2	PPM1A	protein_coding	-0.541	5.65E-41
AC010973.2	LTB4R	protein_coding	0.541	5.94E-41
AC010973.2	TRAK2	protein_coding	-0.541	6.24E-41
AC010973.2	TROAP	protein_coding	0.541	7.26E-41
AC010973.2	HCFC2	protein_coding	-0.541	7.39E-41
AC010973.2	RCCD1	protein_coding	0.54	7.65E-41
AC010973.2	IRF3	protein_coding	0.54	8.23E-41
AC010973.2	YIPF5	protein_coding	-0.54	8.57E-41
AC010973.2	ADCK5	protein_coding	0.539	1.18E-40
AC010973.2	LTO1	protein_coding	0.539	1.58E-40
AC010973.2	SRRT	protein_coding	0.538	1.67E-40
AC010973.2	NAT9	protein_coding	0.538	1.74E-40
AC010973.2	MROH1	protein_coding	0.537	3.38E-40
AC010973.2	SPG7	protein_coding	0.536	3.69E-40
AC010973.2	EGFL8	protein_coding	0.536	3.74E-40
AC010973.2	E2F1	protein_coding	0.536	3.79E-40
AC010973.2	SERINC1	protein_coding	-0.536	4.35E-40
AC010973.2	PPP1R35	protein_coding	0.535	5.38E-40
AC010973.2	MAMDC4	protein_coding	0.535	6.2E-40
AC010973.2	BCS1L	protein_coding	0.535	6.22E-40
AC010973.2	TRMT2A	protein_coding	0.535	6.74E-40
AC010973.2	LMNTD2	protein_coding	0.534	8.72E-40
AC010973.2	PAN2	protein_coding	0.534	1.03E-39
AC010973.2	ATP2A1	protein_coding	0.534	1.07E-39

AC010973.2	GPS2	protein_coding	0.533	1.33E-39
AC010973.2	HCN3	protein_coding	0.533	1.49E-39
AC010973.2	TMEM184C	protein_coding	-0.533	1.58E-39
AC010973.2	DNASE1L2	protein_coding	0.532	1.84E-39
AC010973.2	RTKN	protein_coding	0.532	1.94E-39
AC010973.2	INPPL1	protein_coding	0.532	2.08E-39
AC010973.2	TAB2	protein_coding	-0.532	2.16E-39
AC010973.2	RAB8B	protein_coding	-0.531	2.86E-39
AC010973.2	NSUN5	protein_coding	0.531	2.96E-39
AC010973.2	LUC7L	protein_coding	0.531	2.97E-39
AC010973.2	CPSF4	protein_coding	0.53	4.69E-39
AC010973.2	FASTK	protein_coding	0.53	5.22E-39
AC010973.2	MIER1	protein_coding	-0.529	5.95E-39
AC010973.2	UBE2J1	protein_coding	-0.529	6.2E-39
AC010973.2	EVI2A	protein_coding	-0.529	7.12E-39
AC010973.2	FBRSL1	protein_coding	0.529	7.74E-39
AC010973.2	MBNL1	protein_coding	-0.528	8.42E-39
AC010973.2	KIF18B	protein_coding	0.528	8.68E-39
AC010973.2	AC040162.1	protein_coding	0.528	8.7E-39
AC010973.2	ARRDC1	protein_coding	0.528	8.84E-39
AC010973.2	PRR22	protein_coding	0.528	9.25E-39
AC010973.2	RAB24	protein_coding	0.528	1.05E-38
AC010973.2	GTF2IRD1	protein_coding	0.528	1.09E-38
AC010973.2	CPSF1	protein_coding	0.528	1.1E-38
AC010973.2	AKAP8L	protein_coding	0.527	1.28E-38
AC010973.2	BOP1	protein_coding	0.527	1.33E-38
AC010973.2	ZNF598	protein_coding	0.527	1.35E-38
AC010973.2	FBXO8	protein_coding	-0.526	1.87E-38
AC010973.2	DDX56	protein_coding	0.526	2.16E-38
AC010973.2	DDX11	protein_coding	0.526	2.35E-38
AC010973.2	INO80E	protein_coding	0.526	2.42E-38
AC010973.2	ZNF276	protein_coding	0.525	2.65E-38
AC010973.2	IZUMO4	protein_coding	0.524	4.25E-38
AC010973.2	FBXL6	protein_coding	0.524	5.3E-38
AC010973.2	ASPSCR1	protein_coding	0.523	5.45E-38
AC010973.2	ZGPAT	protein_coding	0.523	6.31E-38
AC010973.2	WDR62	protein_coding	0.523	6.95E-38
AC010973.2	FBXL5	protein_coding	-0.523	7.52E-38
AC010973.2	SIN3B	protein_coding	0.523	7.69E-38
AC010973.2	MXD3	protein_coding	0.523	7.71E-38
AC010973.2	ATAT1	protein_coding	0.522	8.31E-38
AC010973.2	PAM16	protein_coding	0.522	9.26E-38
AC010973.2	TMEM86B	protein_coding	0.522	9.31E-38
AC010973.2	CEP131	protein_coding	0.522	1.05E-37
AC010973.2	GNG12	protein_coding	-0.522	1.07E-37
AC010973.2	ANKRD13B	protein_coding	0.521	1.18E-37
AC010973.2	CSNK1E	protein_coding	0.521	1.27E-37
AC010973.2	EIF2AK3	protein_coding	-0.521	1.27E-37
AC010973.2	ADAMTS13	protein_coding	0.521	1.37E-37
AC010973.2	SHOC2	protein_coding	-0.52	1.78E-37
AC010973.2	MPP5	protein_coding	-0.52	1.92E-37
AC010973.2	PKMYT1	protein_coding	0.52	1.95E-37
AC010973.2	LEPROT	protein_coding	-0.52	2.29E-37
AC010973.2	KCNJ14	protein_coding	0.519	2.6E-37
AC010973.2	MSH5	protein_coding	0.519	2.62E-37
AC010973.2	AP5Z1	protein_coding	0.518	3.56E-37

AC010973.2	STX12	protein_coding	-0.518	3.64E-37
AC010973.2	PTCD1	protein_coding	0.518	3.74E-37
AC010973.2	IDUA	protein_coding	0.517	5.54E-37
AC010973.2	DNAJB4	protein_coding	-0.516	7.23E-37
AC010973.2	HAUS7	protein_coding	0.516	7.56E-37
AC010973.2	ARVCF	protein_coding	0.516	7.58E-37
AC010973.2	GNG2	protein_coding	-0.516	7.61E-37
AC010973.2	LYSMD3	protein_coding	-0.516	7.96E-37
AC010973.2	SNRK	protein_coding	-0.516	8.23E-37
AC010973.2	TNPO2	protein_coding	0.516	8.65E-37
AC010973.2	FGL2	protein_coding	-0.516	8.92E-37
AC010973.2	PASK	protein_coding	0.516	9.12E-37
AC010973.2	C1orf35	protein_coding	0.515	1.42E-36
AC010973.2	SPPL2A	protein_coding	-0.515	1.49E-36
AC010973.2	TLR1	protein_coding	-0.514	1.6E-36
AC010973.2	SOS2	protein_coding	-0.514	1.89E-36
AC010973.2	ILF3	protein_coding	0.514	1.89E-36
AC010973.2	PLEKHG5	protein_coding	0.514	2E-36
AC010973.2	STK17B	protein_coding	-0.513	2.39E-36
AC010973.2	APPBP2	protein_coding	-0.513	2.55E-36
AC010973.2	MAN2C1	protein_coding	0.513	2.95E-36
AC010973.2	REC8	protein_coding	0.512	3.31E-36
AC010973.2	NOXA1	protein_coding	0.512	3.37E-36
AC010973.2	MIIP	protein_coding	0.512	3.4E-36
AC010973.2	SPOUT1	protein_coding	0.512	4.27E-36
AC010973.2	DDX39B	protein_coding	0.512	4.31E-36
AC010973.2	XRCC3	protein_coding	0.512	4.46E-36
AC010973.2	PRELID3A	protein_coding	0.511	4.48E-36
AC010973.2	TMEM259	protein_coding	0.511	4.53E-36
AC010973.2	CYHR1	protein_coding	0.511	4.68E-36
AC010973.2	HAUS5	protein_coding	0.511	5.15E-36
AC010973.2	NPIP5	protein_coding	0.511	5.7E-36
AC010973.2	CTSO	protein_coding	-0.51	6.58E-36
AC010973.2	TEDC2	protein_coding	0.51	6.95E-36
AC010973.2	STK36	protein_coding	0.51	7E-36
AC010973.2	SAP25	protein_coding	0.51	7.87E-36
AC010973.2	WDR59	protein_coding	0.51	8.18E-36
AC010973.2	DRD4	protein_coding	0.509	1.08E-35
AC010973.2	SKIV2L	protein_coding	0.509	1.11E-35
AC010973.2	ABCB6	protein_coding	0.508	1.57E-35
AC010973.2	NCOA4	protein_coding	-0.507	2.21E-35
AC010973.2	NUDT1	protein_coding	0.507	2.23E-35
AC010973.2	PRR7	protein_coding	0.507	2.36E-35
AC010973.2	DUS1L	protein_coding	0.506	2.7E-35
AC010973.2	PPP1R32	protein_coding	0.506	2.87E-35
AC010973.2	FCHO2	protein_coding	-0.506	2.94E-35
AC010973.2	NEK7	protein_coding	-0.506	3.15E-35
AC010973.2	VPS4B	protein_coding	-0.506	3.72E-35
AC010973.2	DVL1	protein_coding	0.505	4.75E-35
AC010973.2	EIF3B	protein_coding	0.505	4.82E-35
AC010973.2	WDR7	protein_coding	-0.505	5.19E-35
AC010973.2	CDC14A	protein_coding	-0.504	5.59E-35
AC010973.2	DBF4B	protein_coding	0.504	6.07E-35
AC010973.2	FAM114A2	protein_coding	-0.504	6.27E-35
AC010973.2	QTRT1	protein_coding	0.504	6.57E-35
AC010973.2	NEK1	protein_coding	-0.504	7.71E-35

AC010973.2	HOOK2	protein_coding	0.503	8.82E-35
AC010973.2	SH3GLB1	protein_coding	-0.503	9.57E-35
AC010973.2	PHF19	protein_coding	0.503	1.04E-34
AC010973.2	RAB27A	protein_coding	-0.502	1.16E-34
AC010973.2	PLA2G4B	protein_coding	0.502	1.29E-34
AC010973.2	AC023509.3	protein_coding	0.502	1.43E-34
AC010973.2	CCNG2	protein_coding	-0.502	1.51E-34
AC010973.2	APBB3	protein_coding	0.502	1.55E-34
AC010973.2	SNX6	protein_coding	-0.502	1.55E-34
AC010973.2	FAAP100	protein_coding	0.501	1.63E-34
AC010973.2	SPATA33	protein_coding	0.501	1.65E-34
AC010973.2	CD302	protein_coding	-0.501	1.66E-34
AC010973.2	CCDC189	protein_coding	0.501	1.68E-34
AC010973.2	POLM	protein_coding	0.501	1.82E-34
AC010973.2	NPIP11	protein_coding	0.501	1.98E-34
AC010973.2	ANAPC2	protein_coding	0.501	1.99E-34
AC010973.2	PCGF5	protein_coding	-0.501	2.01E-34
AC010973.2	SFI1	protein_coding	0.501	2.04E-34
AC010973.2	CYBRD1	protein_coding	-0.501	2.1E-34
AC010973.2	STK25	protein_coding	0.5	2.26E-34
AC010973.2	GPR34	protein_coding	-0.5	2.42E-34
AC010973.2	KAT2B	protein_coding	-0.5	2.42E-34
AC010973.2	CHRNA10	protein_coding	0.5	2.67E-34
AC010973.2	SELENOO	protein_coding	0.5	3E-34
AC010973.2	PDLIM5	protein_coding	-0.499	3.16E-34
AC010973.2	AP1G2	protein_coding	0.499	3.41E-34
AC010973.2	ARHGAP39	protein_coding	0.499	3.55E-34
AC010973.2	IQGAP3	protein_coding	0.499	3.61E-34
AC010973.2	NR3C1	protein_coding	-0.499	4.26E-34
AC010973.2	C21orf58	protein_coding	0.499	4.33E-34
AC010973.2	UEVLD	protein_coding	-0.499	4.36E-34
AC010973.2	IFNAR1	protein_coding	-0.498	5.81E-34
AC010973.2	MZF1	protein_coding	0.498	5.83E-34
AC010973.2	TMEM201	protein_coding	0.497	6.34E-34
AC010973.2	EHMT2	protein_coding	0.497	7.38E-34
AC010973.2	POLE	protein_coding	0.497	8.75E-34
AC010973.2	NAA10	protein_coding	0.496	8.96E-34
AC010973.2	SLC25A29	protein_coding	0.496	1E-33
AC010973.2	SMAD1	protein_coding	-0.496	1.18E-33
AC010973.2	LRWD1	protein_coding	0.496	1.21E-33
AC010973.2	DPYD	protein_coding	-0.495	1.49E-33
AC010973.2	MFAP3	protein_coding	-0.495	1.59E-33
AC010973.2	GMEB2	protein_coding	0.495	1.69E-33
AC010973.2	RHBDD3	protein_coding	0.495	1.7E-33
AC010973.2	LRSAM1	protein_coding	0.494	1.89E-33
AC010973.2	CYLD	protein_coding	-0.494	1.91E-33
AC010973.2	FHOD1	protein_coding	0.494	1.93E-33
AC010973.2	SCNN1D	protein_coding	0.494	1.99E-33
AC010973.2	TRAF2	protein_coding	0.494	1.99E-33
AC010973.2	PPOX	protein_coding	0.494	2.04E-33
AC010973.2	TSEN54	protein_coding	0.494	2.28E-33
AC010973.2	DIXDC1	protein_coding	-0.494	2.38E-33
AC010973.2	SEC23A	protein_coding	-0.494	2.43E-33
AC010973.2	WDR97	protein_coding	0.493	2.62E-33
AC010973.2	ZNF282	protein_coding	0.493	2.64E-33
AC010973.2	RPS6KL1	protein_coding	0.493	2.97E-33

AC010973.2	CAB39	protein_coding	-0.492	3.54E-33
AC010973.2	QSOX2	protein_coding	0.492	3.56E-33
AC010973.2	SH3GLB2	protein_coding	0.492	3.65E-33
AC010973.2	INTS1	protein_coding	0.492	4.63E-33
AC010973.2	RGS18	protein_coding	-0.492	4.76E-33
AC010973.2	ABCC10	protein_coding	0.492	4.86E-33
AC010973.2	PCSK4	protein_coding	0.491	5.34E-33
AC010973.2	ZNF436	protein_coding	-0.491	5.48E-33
AC010973.2	ANKS6	protein_coding	0.491	5.72E-33
AC010973.2	TRAIP	protein_coding	0.491	6.36E-33
AC010973.2	LRRC45	protein_coding	0.491	6.54E-33
AC010973.2	ENTR1	protein_coding	0.49	7.13E-33
AC010973.2	CDC42	protein_coding	-0.49	7.25E-33
AC010973.2	RHBDL1	protein_coding	0.49	7.39E-33
AC010973.2	SCARB2	protein_coding	-0.49	7.62E-33
AC010973.2	ABCB8	protein_coding	0.489	9.6E-33
AC010973.2	ABHD5	protein_coding	-0.489	1.01E-32
AC010973.2	HEATR5A	protein_coding	-0.489	1.05E-32
AC010973.2	ZEB2	protein_coding	-0.489	1.13E-32
AC010973.2	EVI2B	protein_coding	-0.489	1.13E-32
AC010973.2	ANKRD23	protein_coding	0.489	1.14E-32
AC010973.2	PROCA1	protein_coding	0.489	1.14E-32
AC010973.2	FEM1B	protein_coding	-0.489	1.22E-32
AC010973.2	NOC4L	protein_coding	0.489	1.24E-32
AC010973.2	SLC2A13	protein_coding	-0.489	1.31E-32
AC010973.2	AZI2	protein_coding	-0.489	1.32E-32
AC010973.2	SLC35A5	protein_coding	-0.488	1.81E-32
AC010973.2	CCDC84	protein_coding	0.488	1.82E-32
AC010973.2	CPT1B	protein_coding	0.487	1.93E-32
AC010973.2	STPG3	protein_coding	0.487	2.33E-32
AC010973.2	AC005726.1	protein_coding	0.487	2.38E-32
AC010973.2	TMCO6	protein_coding	0.486	2.62E-32
AC010973.2	ATG16L2	protein_coding	0.486	2.81E-32
AC010973.2	NOL3	protein_coding	0.486	2.84E-32
AC010973.2	BGLAP	protein_coding	0.486	3.03E-32
AC010973.2	C21orf91	protein_coding	-0.486	3.28E-32
AC010973.2	EIF4E3	protein_coding	-0.486	3.37E-32
AC010973.2	RHBDF1	protein_coding	0.486	3.52E-32
AC010973.2	POLD1	protein_coding	0.485	3.91E-32
AC010973.2	CCPG1	protein_coding	-0.485	4.33E-32
AC010973.2	REEP3	protein_coding	-0.485	4.63E-32
AC010973.2	PPP1CB	protein_coding	-0.485	5.03E-32
AC010973.2	TNFSF10	protein_coding	-0.484	5.18E-32
AC010973.2	UBE2D3	protein_coding	-0.484	5.88E-32
AC010973.2	DCAF15	protein_coding	0.484	6.31E-32
AC010973.2	ALS2CL	protein_coding	0.484	6.96E-32
AC010973.2	TLR3	protein_coding	-0.483	7.09E-32
AC010973.2	GNPTAB	protein_coding	-0.483	7.31E-32
AC010973.2	SPTY2D1	protein_coding	-0.483	7.73E-32
AC010973.2	GPC2	protein_coding	0.483	7.93E-32
AC010973.2	ZNF624	protein_coding	-0.483	8.39E-32
AC010973.2	DGKZ	protein_coding	0.483	8.4E-32
AC010973.2	PIK3C3	protein_coding	-0.483	8.61E-32
AC010973.2	GLI4	protein_coding	0.483	9.07E-32
AC010973.2	RGL2	protein_coding	0.483	9.13E-32
AC010973.2	PNKP	protein_coding	0.483	9.17E-32

AC010973.2	SCRIB	protein_coding	0.483	9.19E-32
AC010973.2	FRS3	protein_coding	0.483	9.43E-32
AC010973.2	ALKBH6	protein_coding	0.482	1.01E-31
AC010973.2	CROCC	protein_coding	0.482	1.03E-31
AC010973.2	FAM50A	protein_coding	0.482	1.12E-31
AC010973.2	CYSLTR1	protein_coding	-0.482	1.32E-31
AC010973.2	MUTYH	protein_coding	0.482	1.33E-31
AC010973.2	METTTL26	protein_coding	0.481	1.4E-31
AC010973.2	TEAD4	protein_coding	0.481	1.52E-31
AC010973.2	CFAP157	protein_coding	0.481	1.65E-31
AC010973.2	CREBL2	protein_coding	-0.481	1.72E-31
AC010973.2	UBE2G1	protein_coding	-0.48	2.04E-31
AC010973.2	SLC16A7	protein_coding	-0.48	2.4E-31
AC010973.2	INTS11	protein_coding	0.479	2.67E-31
AC010973.2	IGHMBP2	protein_coding	0.479	2.91E-31
AC010973.2	KLHL28	protein_coding	-0.479	3.11E-31
AC010973.2	SSBP4	protein_coding	0.479	3.12E-31
AC010973.2	SRM	protein_coding	0.479	3.54E-31
AC010973.2	C19orf48	protein_coding	0.478	3.93E-31
AC010973.2	SMIM14	protein_coding	-0.478	4.05E-31
AC010973.2	SLC29A2	protein_coding	0.478	4.24E-31
AC010973.2	SLC7A5	protein_coding	0.478	4.31E-31
AC010973.2	AC233992.2	protein_coding	0.478	4.42E-31
AC010973.2	ATAD3A	protein_coding	0.477	5E-31
AC010973.2	EPS15	protein_coding	-0.477	5.25E-31
AC010973.2	IMPDH1	protein_coding	0.477	5.9E-31
AC010973.2	CTU1	protein_coding	0.477	5.9E-31
AC010973.2	SGMS2	protein_coding	-0.477	6E-31
AC010973.2	CDCA3	protein_coding	0.477	6.1E-31
AC010973.2	RAB18	protein_coding	-0.477	6.2E-31
AC010973.2	AJM1	protein_coding	0.477	6.36E-31
AC010973.2	CTBS	protein_coding	-0.477	6.59E-31
AC010973.2	LZTR1	protein_coding	0.477	6.72E-31
AC010973.2	ACD	protein_coding	0.476	7.06E-31
AC010973.2	TMEM30A	protein_coding	-0.476	7.4E-31
AC010973.2	KMT2B	protein_coding	0.476	7.49E-31
AC010973.2	DHX37	protein_coding	0.476	7.82E-31
AC010973.2	ITFG1	protein_coding	-0.476	8.1E-31
AC010973.2	PROZ	protein_coding	0.476	8.38E-31
AC010973.2	PLSCR4	protein_coding	-0.476	8.65E-31
AC010973.2	ST8SIA4	protein_coding	-0.476	9.3E-31
AC010973.2	FAM102B	protein_coding	-0.475	9.68E-31
AC010973.2	EXOC5	protein_coding	-0.475	9.85E-31
AC010973.2	LITAF	protein_coding	-0.475	1.01E-30
AC010973.2	RANGAP1	protein_coding	0.475	1.04E-30
AC010973.2	CLIC4	protein_coding	-0.475	1.05E-30
AC010973.2	CARS2	protein_coding	0.475	1.05E-30
AC010973.2	MYBL2	protein_coding	0.475	1.16E-30
AC010973.2	POLR2H	protein_coding	0.475	1.2E-30
AC010973.2	DUS3L	protein_coding	0.475	1.22E-30
AC010973.2	CYSRT1	protein_coding	0.475	1.23E-30
AC010973.2	DBT	protein_coding	-0.475	1.27E-30
AC010973.2	TLR7	protein_coding	-0.475	1.27E-30
AC010973.2	RBM7	protein_coding	-0.474	1.51E-30
AC010973.2	GINM1	protein_coding	-0.474	1.52E-30
AC010973.2	LRRC8C	protein_coding	-0.474	1.54E-30

AC010973.2	RRP12	protein_coding	0.474	1.59E-30
AC010973.2	SMG9	protein_coding	0.474	1.61E-30
AC010973.2	SPOPL	protein_coding	-0.474	1.71E-30
AC010973.2	TMEM161A	protein_coding	0.474	1.75E-30
AC010973.2	TENT4A	protein_coding	0.474	1.79E-30
AC010973.2	TMTC1	protein_coding	-0.473	1.94E-30
AC010973.2	RAP1B	protein_coding	-0.473	2.07E-30
AC010973.2	NEIL1	protein_coding	0.473	2.24E-30
AC010973.2	43899	protein_coding	0.473	2.39E-30
AC010973.2	SERHL2	protein_coding	0.472	2.5E-30
AC010973.2	TYK2	protein_coding	0.472	2.67E-30
AC010973.2	LEMD2	protein_coding	0.472	2.68E-30
AC010973.2	CAMK2D	protein_coding	-0.472	2.75E-30
AC010973.2	TMX1	protein_coding	-0.472	2.9E-30
AC010973.2	RALGDS	protein_coding	0.472	2.97E-30
AC010973.2	DCST2	protein_coding	0.472	3.13E-30
AC010973.2	DDX39A	protein_coding	0.472	3.28E-30
AC010973.2	MEGF9	protein_coding	-0.471	3.9E-30
AC010973.2	TUT1	protein_coding	0.471	3.93E-30
AC010973.2	AMPD2	protein_coding	0.471	4E-30
AC010973.2	MCM7	protein_coding	0.471	4.18E-30
AC010973.2	AGL	protein_coding	-0.471	4.29E-30
AC010973.2	TCF3	protein_coding	0.471	4.48E-30
AC010973.2	NAA80	protein_coding	0.471	4.57E-30
AC010973.2	ATXN2L	protein_coding	0.47	4.7E-30
AC010973.2	SLC8A1	protein_coding	-0.47	4.78E-30
AC010973.2	G3BP2	protein_coding	-0.47	4.9E-30
AC010973.2	STK11	protein_coding	0.47	5.07E-30
AC010973.2	SPTBN5	protein_coding	0.47	5.2E-30
AC010973.2	MIGA1	protein_coding	-0.47	5.42E-30
AC010973.2	SEC24A	protein_coding	-0.47	5.49E-30
AC010973.2	MORC3	protein_coding	-0.47	6.18E-30
AC010973.2	C17orf53	protein_coding	0.469	6.44E-30
AC010973.2	CDC42SE2	protein_coding	-0.469	7.09E-30
AC010973.2	COX19	protein_coding	0.469	7.26E-30
AC010973.2	ZNF775	protein_coding	0.469	7.99E-30
AC010973.2	IFRD2	protein_coding	0.469	8.07E-30
AC010973.2	WDR83	protein_coding	0.469	8.67E-30
AC010973.2	NRIP1	protein_coding	-0.469	8.69E-30
AC010973.2	POFUT2	protein_coding	0.469	8.7E-30
AC010973.2	PLA2G6	protein_coding	0.468	8.77E-30
AC010973.2	BRD9	protein_coding	0.468	9.48E-30
AC010973.2	PLOD3	protein_coding	0.468	9.54E-30
AC010973.2	MFSD12	protein_coding	0.468	1.06E-29
AC010973.2	EDIL3	protein_coding	-0.468	1.12E-29
AC010973.2	CDK3	protein_coding	0.468	1.15E-29
AC010973.2	PAFAH1B1	protein_coding	-0.468	1.17E-29
AC010973.2	TBRG4	protein_coding	0.468	1.18E-29
AC010973.2	SEC62	protein_coding	-0.467	1.2E-29
AC010973.2	MRGBP	protein_coding	0.467	1.24E-29
AC010973.2	NEK8	protein_coding	0.467	1.26E-29
AC010973.2	MSTO1	protein_coding	0.467	1.29E-29
AC010973.2	CRYGS	protein_coding	0.467	1.32E-29
AC010973.2	SNX18	protein_coding	-0.467	1.35E-29
AC010973.2	POLRMT	protein_coding	0.467	1.35E-29
AC010973.2	MAP3K10	protein_coding	0.467	1.37E-29

AC010973.2	SLC25A24	protein_coding	-0.467	1.39E-29
AC010973.2	KCTD9	protein_coding	-0.467	1.39E-29
AC010973.2	CAD	protein_coding	0.467	1.52E-29
AC010973.2	MICAL1	protein_coding	0.467	1.52E-29
AC010973.2	CPEB3	protein_coding	-0.466	1.69E-29
AC010973.2	GPR35	protein_coding	0.466	1.82E-29
AC010973.2	AARSD1	protein_coding	0.466	1.83E-29
AC010973.2	CDT1	protein_coding	0.466	1.97E-29
AC010973.2	MAP2K4	protein_coding	-0.466	2.13E-29
AC010973.2	PIK3CG	protein_coding	-0.465	2.31E-29
AC010973.2	TOR1AIP1	protein_coding	-0.465	2.38E-29
AC010973.2	LCAT	protein_coding	0.465	2.42E-29
AC010973.2	ITGAV	protein_coding	-0.465	2.52E-29
AC010973.2	PCED1A	protein_coding	0.465	2.54E-29
AC010973.2	GTF2A1	protein_coding	-0.465	2.59E-29
AC010973.2	ZFP91	protein_coding	-0.465	2.62E-29
AC010973.2	SPINDOC	protein_coding	0.465	2.63E-29
AC010973.2	BYSL	protein_coding	0.465	2.71E-29
AC010973.2	KRI1	protein_coding	0.465	2.83E-29
AC010973.2	PICK1	protein_coding	0.465	2.86E-29
AC010973.2	NOP2	protein_coding	0.465	2.93E-29
AC010973.2	SLC26A1	protein_coding	0.465	2.95E-29
AC010973.2	POLR3E	protein_coding	0.465	3.04E-29
AC010973.2	MROH6	protein_coding	0.464	3.08E-29
AC010973.2	ANGPTL1	protein_coding	-0.464	3.28E-29
AC010973.2	MC1R	protein_coding	0.464	3.44E-29
AC010973.2	DEF8	protein_coding	0.464	3.6E-29
AC010973.2	SFSWAP	protein_coding	0.464	3.62E-29
AC010973.2	ATP13A1	protein_coding	0.464	3.67E-29
AC010973.2	PTGES2	protein_coding	0.464	3.83E-29
AC010973.2	CLCN7	protein_coding	0.464	4.04E-29
AC010973.2	MST1	protein_coding	0.463	4.38E-29
AC010973.2	REPIN1	protein_coding	0.463	4.99E-29
AC010973.2	REX1BD	protein_coding	0.463	5.1E-29
AC010973.2	SEC22B	protein_coding	-0.463	5.31E-29
AC010973.2	VAR5	protein_coding	0.462	5.66E-29
AC010973.2	ACAP2	protein_coding	-0.462	5.69E-29
AC010973.2	TRABD	protein_coding	0.462	5.8E-29
AC010973.2	MNX1	protein_coding	0.462	5.92E-29
AC010973.2	ETFBKMT	protein_coding	-0.462	6.02E-29
AC010973.2	MFSD1	protein_coding	-0.462	6.28E-29
AC010973.2	ANKRD16	protein_coding	0.462	6.41E-29
AC010973.2	HAGHL	protein_coding	0.462	6.57E-29
AC010973.2	CTU2	protein_coding	0.462	7.5E-29
AC010973.2	KCTD13	protein_coding	0.462	7.54E-29
AC010973.2	DCLK1	protein_coding	-0.462	7.64E-29
AC010973.2	AP5M1	protein_coding	-0.462	7.65E-29
AC010973.2	KLF9	protein_coding	-0.461	7.91E-29
AC010973.2	WRAP73	protein_coding	0.461	7.92E-29
AC010973.2	DR1	protein_coding	-0.461	8.24E-29
AC010973.2	PLXNA1	protein_coding	0.461	8.75E-29
AC010973.2	PTOV1	protein_coding	0.461	8.92E-29
AC010973.2	JRK	protein_coding	0.461	9.35E-29
AC010973.2	CASC4	protein_coding	-0.461	9.37E-29
AC010973.2	TRIM28	protein_coding	0.461	9.38E-29
AC010973.2	FOXN3	protein_coding	-0.461	9.39E-29

AC010973.2	NECAB3	protein_coding	0.461	9.41E-29
AC010973.2	ASB6	protein_coding	0.461	9.53E-29
AC010973.2	CALCRL	protein_coding	-0.461	9.96E-29
AC010973.2	FBXO3	protein_coding	-0.46	1.05E-28
AC010973.2	ATF2	protein_coding	-0.46	1.06E-28
AC010973.2	OGFR	protein_coding	0.46	1.06E-28
AC010973.2	SOCS6	protein_coding	-0.46	1.09E-28
AC010973.2	QKI	protein_coding	-0.46	1.16E-28
AC010973.2	FNIP2	protein_coding	-0.46	1.22E-28
AC010973.2	E2F4	protein_coding	0.46	1.27E-28
AC010973.2	GRAMD1A	protein_coding	0.46	1.27E-28
AC010973.2	CSNK1G3	protein_coding	-0.46	1.33E-28
AC010973.2	P2RY12	protein_coding	-0.46	1.36E-28
AC010973.2	PPP1R16A	protein_coding	0.459	1.42E-28
AC010973.2	COPS7B	protein_coding	0.459	1.48E-28
AC010973.2	BACH1	protein_coding	-0.459	1.52E-28
AC010973.2	ARHGAP42	protein_coding	-0.459	1.56E-28
AC010973.2	TRIM23	protein_coding	-0.459	1.6E-28
AC010973.2	ZYG11B	protein_coding	-0.459	1.72E-28
AC010973.2	TIMM44	protein_coding	0.459	1.73E-28
AC010973.2	FAM49A	protein_coding	-0.459	1.75E-28
AC010973.2	CNTN4	protein_coding	-0.459	1.77E-28
AC010973.2	DUSP19	protein_coding	-0.459	1.91E-28
AC010973.2	SAPCD2	protein_coding	0.458	1.97E-28
AC010973.2	SLMAP	protein_coding	-0.458	2.03E-28
AC010973.2	RNF13	protein_coding	-0.458	2.09E-28
AC010973.2	BIRC2	protein_coding	-0.458	2.31E-28
AC010973.2	TFAP4	protein_coding	0.458	2.32E-28
AC010973.2	DNAJB14	protein_coding	-0.458	2.36E-28
AC010973.2	LRRC75B	protein_coding	0.458	2.38E-28
AC010973.2	PRICKLE3	protein_coding	0.457	2.64E-28
AC010973.2	PPP2R5E	protein_coding	-0.457	2.65E-28
AC010973.2	P2RY14	protein_coding	-0.457	2.68E-28
AC010973.2	HERC3	protein_coding	-0.457	2.87E-28
AC010973.2	SLAIN2	protein_coding	-0.457	2.88E-28
AC010973.2	HSF1	protein_coding	0.457	3.02E-28
AC010973.2	IKZF2	protein_coding	-0.457	3.07E-28
AC010973.2	CCER2	protein_coding	0.457	3.09E-28
AC010973.2	PRRC1	protein_coding	-0.457	3.17E-28
AC010973.2	SECISBP2L	protein_coding	-0.456	3.68E-28
AC010973.2	ADM5	protein_coding	0.456	3.88E-28
AC010973.2	HACD4	protein_coding	-0.456	3.94E-28
AC010973.2	HGS	protein_coding	0.456	4.54E-28
AC010973.2	NXF1	protein_coding	0.455	5.12E-28
AC010973.2	SAMSN1	protein_coding	-0.455	5.46E-28
AC010973.2	SAMD10	protein_coding	0.455	5.46E-28
AC010973.2	ARHGAP20	protein_coding	-0.455	5.48E-28
AC010973.2	CCNO	protein_coding	0.455	5.57E-28
AC010973.2	WDR5	protein_coding	0.455	5.61E-28
AC010973.2	CEP250	protein_coding	0.455	5.7E-28
AC010973.2	FUS	protein_coding	0.455	5.73E-28
AC010973.2	SNAP23	protein_coding	-0.455	5.77E-28
AC010973.2	SEC31B	protein_coding	0.455	5.86E-28
AC010973.2	ATP8B4	protein_coding	-0.455	5.9E-28
AC010973.2	MEF2C	protein_coding	-0.455	5.96E-28
AC010973.2	RPUSD1	protein_coding	0.455	5.96E-28

AC010973.2	DPP7	protein_coding	0.455	6.23E-28
AC010973.2	CAPN15	protein_coding	0.455	6.26E-28
AC010973.2	CCDC24	protein_coding	0.455	6.37E-28
AC010973.2	GNB1L	protein_coding	0.454	6.43E-28
AC010973.2	AGAP9	protein_coding	0.454	6.45E-28
AC010973.2	NFKBID	protein_coding	0.454	6.51E-28
AC010973.2	CLIC2	protein_coding	-0.454	6.55E-28
AC010973.2	RNF208	protein_coding	0.454	7.24E-28
AC010973.2	HIPK3	protein_coding	-0.454	7.58E-28
AC010973.2	STXBP5	protein_coding	-0.454	7.93E-28
AC010973.2	YDJC	protein_coding	0.454	7.97E-28
AC010973.2	LHFPL2	protein_coding	-0.454	7.98E-28
AC010973.2	MTG2	protein_coding	0.454	8.07E-28
AC010973.2	RNF126	protein_coding	0.454	8.31E-28
AC010973.2	EIF2B5	protein_coding	0.454	8.55E-28
AC010973.2	HEXDC	protein_coding	0.453	8.93E-28
AC010973.2	RBMS3	protein_coding	-0.453	8.99E-28
AC010973.2	TMEM234	protein_coding	0.453	9.02E-28
AC010973.2	FAM107B	protein_coding	-0.453	9.18E-28
AC010973.2	PTDSS2	protein_coding	0.453	9.27E-28
AC010973.2	TRMT61A	protein_coding	0.453	9.45E-28
AC010973.2	FPGS	protein_coding	0.453	9.56E-28
AC010973.2	MIB2	protein_coding	0.453	9.58E-28
AC010973.2	SBF1	protein_coding	0.453	9.61E-28
AC010973.2	PANK3	protein_coding	-0.453	9.95E-28
AC010973.2	NPRL3	protein_coding	0.453	9.95E-28
AC010973.2	USP20	protein_coding	0.453	1.01E-27
AC010973.2	ZNF444	protein_coding	0.453	1.02E-27
AC010973.2	RBM19	protein_coding	0.453	1.03E-27
AC010973.2	CPM	protein_coding	-0.453	1.04E-27
AC010973.2	AKT2	protein_coding	0.453	1.09E-27
AC010973.2	PRR14	protein_coding	0.452	1.18E-27
AC010973.2	TTLL3	protein_coding	0.452	1.24E-27
AC010973.2	DOCK10	protein_coding	-0.452	1.28E-27
AC010973.2	UBALD1	protein_coding	0.452	1.32E-27
AC010973.2	SOS1	protein_coding	-0.452	1.33E-27
AC010973.2	DSEL	protein_coding	-0.452	1.37E-27
AC010973.2	PALLD	protein_coding	-0.452	1.39E-27
AC010973.2	PLN	protein_coding	-0.452	1.44E-27
AC010973.2	TMED7	protein_coding	-0.452	1.46E-27
AC010973.2	PIGN	protein_coding	-0.452	1.52E-27
AC010973.2	REXO1	protein_coding	0.452	1.54E-27
AC010973.2	FBXO41	protein_coding	0.451	1.58E-27
AC010973.2	ALG3	protein_coding	0.451	1.65E-27
AC010973.2	RRP1	protein_coding	0.451	1.65E-27
AC010973.2	YPEL2	protein_coding	-0.451	1.68E-27
AC010973.2	SMPD4	protein_coding	0.451	1.75E-27
AC010973.2	C7orf43	protein_coding	0.451	1.76E-27
AC010973.2	SNRPA	protein_coding	0.451	1.79E-27
AC010973.2	RRP9	protein_coding	0.451	1.84E-27
AC010973.2	CCHCR1	protein_coding	0.451	1.89E-27
AC010973.2	SYMPK	protein_coding	0.451	1.92E-27
AC010973.2	PTPRC	protein_coding	-0.451	1.93E-27
AC010973.2	BCL2L12	protein_coding	0.451	1.98E-27
AC010973.2	TSNARE1	protein_coding	0.451	1.98E-27
AC010973.2	NPIP3	protein_coding	0.451	2.04E-27

AC010973.2	NRBP2	protein_coding	0.451	2.09E-27
AC010973.2	GET4	protein_coding	0.45	2.16E-27
AC010973.2	IRAK1	protein_coding	0.45	2.19E-27
AC010973.2	RAB30	protein_coding	-0.45	2.23E-27
AC010973.2	EMD	protein_coding	0.45	2.25E-27
AC010973.2	FAM129A	protein_coding	-0.45	2.33E-27
AC010973.2	FYB1	protein_coding	-0.45	2.34E-27
AC010973.2	DCST1	protein_coding	0.45	2.46E-27
AC010973.2	SLCO4A1	protein_coding	0.45	2.53E-27
AC010973.2	SSPN	protein_coding	-0.45	2.56E-27
AC010973.2	PDE5A	protein_coding	-0.45	2.66E-27
AC010973.2	RBM43	protein_coding	-0.45	2.7E-27
AC010973.2	GIMAP4	protein_coding	-0.45	2.82E-27
AC010973.2	TCP11L1	protein_coding	-0.449	2.99E-27
AC010973.2	YPEL5	protein_coding	-0.449	3E-27
AC010973.2	ZNF74	protein_coding	0.449	3.07E-27
AC010973.2	AKAP5	protein_coding	-0.449	3.18E-27
AC010973.2	IPO4	protein_coding	0.449	3.27E-27
AC010973.2	HIP1R	protein_coding	0.449	3.29E-27
AC010973.2	SLC3A2	protein_coding	0.449	3.39E-27
AC010973.2	EVPL	protein_coding	0.449	3.48E-27
AC010973.2	XAB2	protein_coding	0.449	3.49E-27
AC010973.2	PRKAR1A	protein_coding	-0.449	3.64E-27
AC010973.2	ARHGEF6	protein_coding	-0.449	3.65E-27
AC010973.2	UNKL	protein_coding	0.449	3.69E-27
AC010973.2	TOP1MT	protein_coding	0.449	3.78E-27
AC010973.2	ITGA4	protein_coding	-0.448	3.84E-27
AC010973.2	NPIPA1	protein_coding	0.448	4.08E-27
AC010973.2	FAM229A	protein_coding	0.448	4.21E-27
AC010973.2	PPT2-EGFL8	protein_coding	0.448	4.48E-27
AC010973.2	STK11IP	protein_coding	0.448	4.57E-27
AC010973.2	TWSG1	protein_coding	-0.448	4.61E-27
AC010973.2	P4HTM	protein_coding	0.448	4.61E-27
AC010973.2	LONP1	protein_coding	0.448	4.76E-27
AC010973.2	GNB4	protein_coding	-0.448	4.81E-27
AC010973.2	WDR74	protein_coding	0.448	4.88E-27
AC010973.2	ZNF699	protein_coding	-0.448	4.92E-27
AC010973.2	THOP1	protein_coding	0.448	4.97E-27
AC010973.2	ARHGAP15	protein_coding	-0.447	5.08E-27
AC010973.2	UBTD2	protein_coding	-0.447	5.18E-27
AC010973.2	NKD2	protein_coding	0.447	5.47E-27
AC010973.2	RNF224	protein_coding	0.447	5.47E-27
AC010973.2	SUV39H1	protein_coding	0.447	5.66E-27
AC010973.2	ENKD1	protein_coding	0.447	5.67E-27
AC010973.2	ACAD9	protein_coding	0.447	5.76E-27
AC010973.2	GABRE	protein_coding	0.447	5.9E-27
AC010973.2	TMUB1	protein_coding	0.447	5.98E-27
AC010973.2	TP53INP1	protein_coding	-0.447	6.14E-27
AC010973.2	PACS2	protein_coding	0.447	6.22E-27
AC010973.2	MFSD10	protein_coding	0.447	6.26E-27
AC010973.2	GAS8	protein_coding	0.447	6.27E-27
AC010973.2	UGP2	protein_coding	-0.447	6.38E-27
AC010973.2	TTC33	protein_coding	-0.447	6.78E-27
AC010973.2	ATE1	protein_coding	-0.446	7.27E-27
AC010973.2	USP38	protein_coding	-0.446	7.66E-27
AC010973.2	PREX2	protein_coding	-0.446	7.75E-27

AC010973.2	CSNK1G2	protein_coding	0.446	7.86E-27
AC010973.2	CREBRF	protein_coding	-0.446	8.38E-27
AC010973.2	USO1	protein_coding	-0.446	8.67E-27
AC010973.2	TERT	protein_coding	0.445	9.84E-27
AC010973.2	44084	protein_coding	-0.445	9.87E-27
AC010973.2	SGCB	protein_coding	-0.445	9.99E-27
AC010973.2	JAM2	protein_coding	-0.445	1.04E-26
AC010973.2	PSMG3	protein_coding	0.445	1.05E-26
AC010973.2	REXO4	protein_coding	0.445	1.08E-26
AC010973.2	PLXNC1	protein_coding	-0.445	1.11E-26
AC010973.2	PMPCA	protein_coding	0.445	1.11E-26
AC010973.2	MBD3	protein_coding	0.445	1.15E-26
AC010973.2	EXOSC2	protein_coding	0.445	1.16E-26
AC010973.2	PPAN	protein_coding	0.445	1.16E-26
AC010973.2	PIEZO1	protein_coding	0.445	1.18E-26
AC010973.2	HELQ	protein_coding	-0.445	1.21E-26
AC010973.2	UBE2S	protein_coding	0.445	1.21E-26
AC010973.2	CNTN1	protein_coding	-0.444	1.25E-26
AC010973.2	ARFIP1	protein_coding	-0.444	1.26E-26
AC010973.2	ZNF707	protein_coding	0.444	1.27E-26
AC010973.2	FYTTD1	protein_coding	-0.444	1.38E-26
AC010973.2	FANCA	protein_coding	0.444	1.4E-26
AC010973.2	ESPL1	protein_coding	0.444	1.4E-26
AC010973.2	DMXL1	protein_coding	-0.444	1.41E-26
AC010973.2	LIFR	protein_coding	-0.444	1.42E-26
AC010973.2	PDCD6IP	protein_coding	-0.444	1.46E-26
AC010973.2	GAPT	protein_coding	-0.444	1.46E-26
AC010973.2	RELL2	protein_coding	0.444	1.46E-26
AC010973.2	MRPL55	protein_coding	0.444	1.48E-26
AC010973.2	PIGK	protein_coding	-0.444	1.49E-26
AC010973.2	PLCL2	protein_coding	-0.444	1.55E-26
AC010973.2	SCN9A	protein_coding	-0.444	1.56E-26
AC010973.2	RNF180	protein_coding	-0.444	1.6E-26
AC010973.2	MEF2A	protein_coding	-0.443	1.63E-26
AC010973.2	ADRM1	protein_coding	0.443	1.66E-26
AC010973.2	GPR65	protein_coding	-0.443	1.94E-26
AC010973.2	WDR27	protein_coding	0.443	1.97E-26
AC010973.2	TNK2	protein_coding	0.443	1.97E-26
AC010973.2	TRAPPC8	protein_coding	-0.443	2.05E-26
AC010973.2	VEGFA	protein_coding	0.443	2.1E-26
AC010973.2	PLCG1	protein_coding	0.443	2.12E-26
AC010973.2	DENND1B	protein_coding	-0.443	2.13E-26
AC010973.2	GMFB	protein_coding	-0.442	2.18E-26
AC010973.2	STX16-NPEPL1	protein_coding	0.442	2.18E-26
AC010973.2	FCHSD2	protein_coding	-0.442	2.19E-26
AC010973.2	ZGLP1	protein_coding	0.442	2.25E-26
AC010973.2	CLIP4	protein_coding	-0.442	2.29E-26
AC010973.2	CACTIN	protein_coding	0.442	2.39E-26
AC010973.2	SLC25A46	protein_coding	-0.442	2.45E-26
AC010973.2	CRK	protein_coding	-0.442	2.47E-26
AC010973.2	PIGQ	protein_coding	0.442	2.59E-26
AC010973.2	PRMT7	protein_coding	0.442	2.6E-26
AC010973.2	IL1R1	protein_coding	-0.442	2.61E-26
AC010973.2	MAN2A2	protein_coding	0.442	2.63E-26
AC010973.2	LYVE1	protein_coding	-0.442	2.68E-26
AC010973.2	UGCG	protein_coding	-0.442	2.82E-26

AC010973.2	WDR34	protein_coding	0.441	2.91E-26
AC010973.2	ZC3H3	protein_coding	0.441	2.91E-26
AC010973.2	DOHH	protein_coding	0.441	2.99E-26
AC010973.2	CDC37	protein_coding	0.441	3E-26
AC010973.2	LEPR	protein_coding	-0.441	3.06E-26
AC010973.2	GIT1	protein_coding	0.441	3.11E-26
AC010973.2	HERPUD1	protein_coding	-0.441	3.12E-26
AC010973.2	TMEM262	protein_coding	0.441	3.12E-26
AC010973.2	FRS2	protein_coding	-0.441	3.19E-26
AC010973.2	ZDHHC8	protein_coding	0.441	3.19E-26
AC010973.2	USP33	protein_coding	-0.441	3.26E-26
AC010973.2	MED25	protein_coding	0.441	3.3E-26
AC010973.2	SPIRE2	protein_coding	0.441	3.48E-26
AC010973.2	MRPL38	protein_coding	0.441	3.5E-26
AC010973.2	HIGD1A	protein_coding	-0.441	3.55E-26
AC010973.2	KCNAB1	protein_coding	-0.441	3.61E-26
AC010973.2	GRK2	protein_coding	0.441	3.61E-26
AC010973.2	SPC24	protein_coding	0.441	3.66E-26
AC010973.2	KRAS	protein_coding	-0.441	3.82E-26
AC010973.2	TRAPPC11	protein_coding	-0.44	3.87E-26
AC010973.2	ETV4	protein_coding	0.44	3.88E-26
AC010973.2	NBEAL1	protein_coding	-0.44	3.89E-26
AC010973.2	CPEB2	protein_coding	-0.44	3.95E-26
AC010973.2	WDR4	protein_coding	0.44	4.13E-26
AC010973.2	MORC2	protein_coding	0.44	4.23E-26
AC010973.2	DPM2	protein_coding	0.44	4.27E-26
AC010973.2	ETS1	protein_coding	-0.44	4.62E-26
AC010973.2	YJEFN3	protein_coding	0.44	4.64E-26
AC010973.2	TLR8	protein_coding	-0.44	4.71E-26
AC010973.2	CFH	protein_coding	-0.44	4.72E-26
AC010973.2	ATG9B	protein_coding	0.44	4.79E-26
AC010973.2	KCP	protein_coding	0.44	4.8E-26
AC010973.2	BUD23	protein_coding	0.44	4.85E-26
AC010973.2	GNAQ	protein_coding	-0.439	5.18E-26
AC010973.2	AXIN1	protein_coding	0.439	5.32E-26
AC010973.2	44085	protein_coding	-0.439	5.45E-26
AC010973.2	ATL3	protein_coding	-0.439	5.87E-26
AC010973.2	TMEM63A	protein_coding	0.439	5.98E-26
AC010973.2	FSCN2	protein_coding	0.439	6E-26
AC010973.2	ABHD11	protein_coding	0.439	6.47E-26
AC010973.2	COL4A3BP	protein_coding	-0.439	6.52E-26
AC010973.2	LIG1	protein_coding	0.439	6.69E-26
AC010973.2	MIER2	protein_coding	0.438	6.81E-26
AC010973.2	LIPA	protein_coding	-0.438	6.92E-26
AC010973.2	PLXDC2	protein_coding	-0.438	6.98E-26
AC010973.2	TAF6L	protein_coding	0.438	7.28E-26
AC010973.2	NEGR1	protein_coding	-0.438	7.32E-26
AC010973.2	NSUN3	protein_coding	-0.438	7.84E-26
AC010973.2	SGTB	protein_coding	-0.438	8.04E-26
AC010973.2	TP53I13	protein_coding	0.438	8.49E-26
AC010973.2	PYCR2	protein_coding	0.438	8.74E-26
AC010973.2	CHL1	protein_coding	-0.438	8.76E-26
AC010973.2	SPACA4	protein_coding	0.438	8.8E-26
AC010973.2	FZR1	protein_coding	0.438	8.86E-26
AC010973.2	PDE1A	protein_coding	-0.437	9.29E-26
AC010973.2	KIFC1	protein_coding	0.437	9.61E-26

AC010973.2	MAP3K2	protein_coding	-0.437	9.66E-26
AC010973.2	NPHP4	protein_coding	0.437	9.91E-26
AC010973.2	EME1	protein_coding	0.437	1.01E-25
AC010973.2	CDH24	protein_coding	0.437	1.02E-25
AC010973.2	C16orf72	protein_coding	-0.437	1.06E-25
AC010973.2	ZNF24	protein_coding	-0.437	1.1E-25
AC010973.2	CARD14	protein_coding	0.437	1.1E-25
AC010973.2	MAT2B	protein_coding	-0.437	1.11E-25
AC010973.2	DDR2	protein_coding	-0.437	1.15E-25
AC010973.2	MS4A7	protein_coding	-0.437	1.15E-25
AC010973.2	GALNT1	protein_coding	-0.437	1.16E-25
AC010973.2	ZNF142	protein_coding	0.437	1.17E-25
AC010973.2	CRAMP1	protein_coding	0.437	1.19E-25
AC010973.2	CTTNBP2NL	protein_coding	-0.436	1.22E-25
AC010973.2	GABPA	protein_coding	-0.436	1.27E-25
AC010973.2	HSPA13	protein_coding	-0.436	1.3E-25
AC010973.2	TET2	protein_coding	-0.436	1.31E-25
AC010973.2	C1QTNF7	protein_coding	-0.436	1.35E-25
AC010973.2	DGCR8	protein_coding	0.436	1.36E-25
AC010973.2	FBXL19	protein_coding	0.436	1.37E-25
AC010973.2	SGPP1	protein_coding	-0.436	1.37E-25
AC010973.2	CDKL1	protein_coding	-0.436	1.37E-25
AC010973.2	SLC52A2	protein_coding	0.436	1.39E-25
AC010973.2	ARFRP1	protein_coding	0.436	1.57E-25
AC010973.2	SAC3D1	protein_coding	0.435	1.6E-25
AC010973.2	ANGPT1	protein_coding	-0.435	1.6E-25
AC010973.2	ANKRD12	protein_coding	-0.435	1.62E-25
AC010973.2	ARRDC4	protein_coding	-0.435	1.76E-25
AC010973.2	FLYWCH1	protein_coding	0.435	1.76E-25
AC010973.2	RASSF7	protein_coding	0.435	1.8E-25
AC010973.2	FEZ2	protein_coding	-0.435	1.83E-25
AC010973.2	GPR183	protein_coding	-0.435	1.84E-25
AC010973.2	PURA	protein_coding	-0.435	1.84E-25
AC010973.2	NELFA	protein_coding	0.435	1.88E-25
AC010973.2	CHMP2B	protein_coding	-0.435	1.94E-25
AC010973.2	LAGE3	protein_coding	0.435	1.96E-25
AC010973.2	CYBB	protein_coding	-0.435	2E-25
AC010973.2	RNF141	protein_coding	-0.435	2.05E-25
AC010973.2	WDR47	protein_coding	-0.434	2.28E-25
AC010973.2	SMG5	protein_coding	0.434	2.32E-25
AC010973.2	ITGB1	protein_coding	-0.434	2.34E-25
AC010973.2	METTL14	protein_coding	-0.434	2.38E-25
AC010973.2	BMPR2	protein_coding	-0.434	2.42E-25
AC010973.2	FANCG	protein_coding	0.434	2.51E-25
AC010973.2	AMDHD2	protein_coding	0.434	2.57E-25
AC010973.2	PNRC1	protein_coding	-0.434	2.58E-25
AC010973.2	SLC9A9	protein_coding	-0.434	2.59E-25
AC010973.2	CCNYL1	protein_coding	-0.434	2.6E-25
AC010973.2	PPP3CB	protein_coding	-0.433	2.84E-25
AC010973.2	PPIP5K2	protein_coding	-0.433	3E-25
AC010973.2	SMCHD1	protein_coding	-0.433	3.09E-25
AC010973.2	POLD2	protein_coding	0.433	3.31E-25
AC010973.2	HBP1	protein_coding	-0.433	3.31E-25
AC010973.2	FAS	protein_coding	-0.433	3.32E-25
AC010973.2	MAN1A2	protein_coding	-0.433	3.33E-25
AC010973.2	PPP2R3C	protein_coding	-0.433	3.33E-25

AC010973.2	PCYOX1	protein_coding	-0.433	3.37E-25
AC010973.2	C7orf50	protein_coding	0.433	3.4E-25
AC010973.2	SPART	protein_coding	-0.433	3.61E-25
AC010973.2	PISD	protein_coding	0.433	3.65E-25
AC010973.2	CFL2	protein_coding	-0.433	3.66E-25
AC010973.2	FGF17	protein_coding	0.432	3.78E-25
AC010973.2	PPP1R37	protein_coding	0.432	3.92E-25
AC010973.2	CPEB4	protein_coding	-0.432	4.03E-25
AC010973.2	TRIM11	protein_coding	0.432	4.07E-25
AC010973.2	ZNF205	protein_coding	0.432	4.14E-25
AC010973.2	VCAM1	protein_coding	-0.432	4.19E-25
AC010973.2	POLL	protein_coding	0.432	4.26E-25
AC010973.2	ZBTB48	protein_coding	0.432	4.29E-25
AC010973.2	KLF16	protein_coding	0.432	4.3E-25
AC010973.2	QPCTL	protein_coding	0.432	4.36E-25
AC010973.2	MPEG1	protein_coding	-0.432	4.39E-25
AC010973.2	PCGF1	protein_coding	0.432	4.42E-25
AC010973.2	PPP1R26	protein_coding	0.432	4.5E-25
AC010973.2	TANK	protein_coding	-0.432	4.55E-25
AC010973.2	SCP2	protein_coding	-0.431	4.95E-25
AC010973.2	VAPA	protein_coding	-0.431	5.09E-25
AC010973.2	GPC6	protein_coding	-0.431	5.13E-25
AC010973.2	GABRD	protein_coding	0.431	5.14E-25
AC010973.2	PKD1P1	protein_coding	0.431	5.28E-25
AC010973.2	THAP1	protein_coding	-0.431	5.54E-25
AC010973.2	FAM214A	protein_coding	-0.431	5.58E-25
AC010973.2	PDCD1LG2	protein_coding	-0.431	5.79E-25
AC010973.2	NTMT1	protein_coding	0.431	5.83E-25
AC010973.2	PGR	protein_coding	-0.431	5.89E-25
AC010973.2	ARHGEF19	protein_coding	0.431	6.08E-25
AC010973.2	CNOT6L	protein_coding	-0.431	6.12E-25
AC010973.2	TCF4	protein_coding	-0.431	6.15E-25
AC010973.2	MYO5A	protein_coding	-0.431	6.19E-25
AC010973.2	HIF1A	protein_coding	-0.431	6.28E-25
AC010973.2	DNAAF5	protein_coding	0.43	6.43E-25
AC010973.2	NUP85	protein_coding	0.43	6.55E-25
AC010973.2	ACADM	protein_coding	-0.43	6.59E-25
AC010973.2	BTBD7	protein_coding	-0.43	6.7E-25
AC010973.2	MUT	protein_coding	-0.43	6.79E-25
AC010973.2	SH3BGRL	protein_coding	-0.43	6.83E-25
AC010973.2	ITPR1	protein_coding	-0.43	6.93E-25
AC010973.2	TBL3	protein_coding	0.43	6.98E-25
AC010973.2	GRIPAP1	protein_coding	0.43	7E-25
AC010973.2	TLL1	protein_coding	-0.43	7.09E-25
AC010973.2	PRR5	protein_coding	0.43	7.2E-25
AC010973.2	MYL5	protein_coding	0.43	7.24E-25
AC010973.2	SETD1A	protein_coding	0.43	7.47E-25
AC010973.2	LSM7	protein_coding	0.43	7.59E-25
AC010973.2	PLSCR3	protein_coding	0.43	7.66E-25
AC010973.2	ABHD17A	protein_coding	0.43	7.88E-25
AC010973.2	SMYD5	protein_coding	0.43	8E-25
AC010973.2	C9orf16	protein_coding	0.43	8.05E-25
AC010973.2	STXBP3	protein_coding	-0.429	8.8E-25
AC010973.2	C3orf38	protein_coding	-0.429	9.18E-25
AC010973.2	SYT11	protein_coding	-0.429	9.2E-25
AC010973.2	KYAT1	protein_coding	0.429	9.36E-25

AC010973.2	ABI3BP	protein_coding	-0.429	9.37E-25
AC010973.2	LGR4	protein_coding	-0.429	9.42E-25
AC010973.2	CNST	protein_coding	-0.429	9.47E-25
AC010973.2	ABCD3	protein_coding	-0.429	9.52E-25
AC010973.2	CDK5RAP1	protein_coding	0.429	9.65E-25
AC010973.2	RECQL5	protein_coding	0.429	9.67E-25
AC010973.2	CYYR1	protein_coding	-0.429	9.8E-25
AC010973.2	TMEM135	protein_coding	-0.429	9.84E-25
AC010973.2	RFNG	protein_coding	0.429	9.85E-25
AC010973.2	FLI1	protein_coding	-0.429	9.98E-25
AC010973.2	SURF6	protein_coding	0.429	1.01E-24
AC010973.2	ZNF626	protein_coding	-0.429	1.01E-24
AC010973.2	OMD	protein_coding	-0.429	1.03E-24
AC010973.2	SF3A2	protein_coding	0.429	1.07E-24
AC010973.2	MAGI3	protein_coding	-0.429	1.09E-24
AC010973.2	STOM	protein_coding	-0.429	1.1E-24
AC010973.2	EPHA1	protein_coding	0.428	1.12E-24
AC010973.2	MOGS	protein_coding	0.428	1.13E-24
AC010973.2	PPRC1	protein_coding	0.428	1.21E-24
AC010973.2	CAMK4	protein_coding	-0.428	1.23E-24
AC010973.2	LY96	protein_coding	-0.428	1.23E-24
AC010973.2	TYSND1	protein_coding	0.428	1.25E-24
AC010973.2	HRAS	protein_coding	0.428	1.29E-24
AC010973.2	TGM1	protein_coding	0.428	1.3E-24
AC010973.2	PSMG4	protein_coding	0.428	1.31E-24
AC010973.2	CORO7	protein_coding	0.428	1.33E-24
AC010973.2	LMNB2	protein_coding	0.428	1.33E-24
AC010973.2	NOP16	protein_coding	0.428	1.39E-24
AC010973.2	KATNB1	protein_coding	0.428	1.4E-24
AC010973.2	NRBF2	protein_coding	-0.428	1.41E-24
AC010973.2	ZNF579	protein_coding	0.428	1.41E-24
AC010973.2	RABL6	protein_coding	0.428	1.42E-24
AC010973.2	PGGT1B	protein_coding	-0.428	1.42E-24
AC010973.2	MMRN1	protein_coding	-0.428	1.44E-24
AC010973.2	BMP2K	protein_coding	-0.427	1.46E-24
AC010973.2	NEXN	protein_coding	-0.427	1.5E-24
AC010973.2	SLC35C2	protein_coding	0.427	1.55E-24
AC010973.2	DTWD2	protein_coding	-0.427	1.55E-24
AC010973.2	ERLEC1	protein_coding	-0.427	1.57E-24
AC010973.2	ETNK1	protein_coding	-0.427	1.59E-24
AC010973.2	NCLN	protein_coding	0.427	1.65E-24
AC010973.2	LRFN4	protein_coding	0.427	1.66E-24
AC010973.2	SLC30A4	protein_coding	-0.427	1.67E-24
AC010973.2	SYNJ2BP	protein_coding	-0.427	1.82E-24
AC010973.2	NSMF	protein_coding	0.427	1.85E-24
AC010973.2	ELMOD2	protein_coding	-0.427	1.86E-24
AC010973.2	ANTXR2	protein_coding	-0.427	1.9E-24
AC010973.2	TCIRG1	protein_coding	0.426	1.92E-24
AC010973.2	ZNF414	protein_coding	0.426	1.93E-24
AC010973.2	ADGRB3	protein_coding	-0.426	2E-24
AC010973.2	ACTR2	protein_coding	-0.426	2E-24
AC010973.2	PDE4D	protein_coding	-0.426	2E-24
AC010973.2	MYBBP1A	protein_coding	0.426	2.05E-24
AC010973.2	MTM1	protein_coding	-0.426	2.06E-24
AC010973.2	DNHD1	protein_coding	0.426	2.06E-24
AC010973.2	JAG2	protein_coding	0.426	2.08E-24

AC010973.2	ZSWIM1	protein_coding	0.426	2.08E-24
AC010973.2	SHE	protein_coding	-0.426	2.09E-24
AC010973.2	ARL6IP5	protein_coding	-0.426	2.14E-24
AC010973.2	FGF7	protein_coding	-0.426	2.19E-24
AC010973.2	CACNA2D1	protein_coding	-0.426	2.21E-24
AC010973.2	ZNF148	protein_coding	-0.426	2.27E-24
AC010973.2	MYLK	protein_coding	-0.426	2.27E-24
AC010973.2	DDX55	protein_coding	0.426	2.34E-24
AC010973.2	HGH1	protein_coding	0.426	2.41E-24
AC010973.2	WDR46	protein_coding	0.425	2.53E-24
AC010973.2	DCN	protein_coding	-0.425	2.54E-24
AC010973.2	CYP2D6	protein_coding	0.425	2.56E-24
AC010973.2	TREX2	protein_coding	0.425	2.6E-24
AC010973.2	EXOSC5	protein_coding	0.425	2.6E-24
AC010973.2	GPATCH11	protein_coding	-0.425	2.75E-24
AC010973.2	SLC5A6	protein_coding	0.425	2.81E-24
AC010973.2	FAM171B	protein_coding	-0.425	2.93E-24
AC010973.2	CREB1	protein_coding	-0.425	2.98E-24
AC010973.2	LMBRD2	protein_coding	-0.425	3.04E-24
AC010973.2	RRS1	protein_coding	0.425	3.1E-24
AC010973.2	LAT	protein_coding	0.425	3.1E-24
AC010973.2	PRKAR2B	protein_coding	-0.425	3.12E-24
AC010973.2	BICDL2	protein_coding	0.425	3.17E-24
AC010973.2	TMEM198	protein_coding	0.425	3.2E-24
AC010973.2	USP36	protein_coding	0.425	3.27E-24
AC010973.2	TEK	protein_coding	-0.425	3.29E-24
AC010973.2	PCBP4	protein_coding	0.425	3.3E-24
AC010973.2	CBX8	protein_coding	0.424	3.4E-24
AC010973.2	PYCR3	protein_coding	0.424	3.67E-24
AC010973.2	CEP72	protein_coding	0.424	3.72E-24
AC010973.2	UHRF1BP1L	protein_coding	-0.424	3.77E-24
AC010973.2	GGA3	protein_coding	0.424	4.26E-24
AC010973.2	SLC10A7	protein_coding	-0.423	4.34E-24
AC010973.2	PARP10	protein_coding	0.423	4.38E-24
AC010973.2	CRADD	protein_coding	-0.423	4.67E-24
AC010973.2	CCDC157	protein_coding	0.423	4.72E-24
AC010973.2	MED22	protein_coding	0.423	4.84E-24
AC010973.2	OSTM1	protein_coding	-0.423	4.85E-24
AC010973.2	TMOD3	protein_coding	-0.423	4.86E-24
AC010973.2	WIPF1	protein_coding	-0.423	4.9E-24
AC010973.2	CRACR2B	protein_coding	0.423	4.99E-24
AC010973.2	ZNF497	protein_coding	0.423	5.06E-24
AC010973.2	CD226	protein_coding	-0.423	5.06E-24
AC010973.2	TMEM47	protein_coding	-0.423	5.21E-24
AC010973.2	C19orf24	protein_coding	0.423	5.43E-24
AC010973.2	ZEB1	protein_coding	-0.423	5.44E-24
AC010973.2	PAFAH1B3	protein_coding	0.423	5.49E-24
AC010973.2	ANKRD44	protein_coding	-0.423	5.62E-24
AC010973.2	CCDC85B	protein_coding	0.422	5.87E-24
AC010973.2	ZNF654	protein_coding	-0.422	6.17E-24
AC010973.2	AL365205.1	protein_coding	0.422	6.63E-24
AC010973.2	DDX60	protein_coding	-0.422	6.66E-24
AC010973.2	ANAPC7	protein_coding	0.422	6.67E-24
AC010973.2	AARS2	protein_coding	0.422	6.9E-24
AC010973.2	RNF215	protein_coding	0.422	6.94E-24
AC010973.2	ARMC5	protein_coding	0.422	7.02E-24

AC010973.2	TMCC3	protein_coding	-0.422	7.27E-24
AC010973.2	PTGFR	protein_coding	-0.422	7.35E-24
AC010973.2	GTF3C5	protein_coding	0.422	7.37E-24
AC010973.2	TFEC	protein_coding	-0.421	7.44E-24
AC010973.2	TSC2	protein_coding	0.421	7.57E-24
AC010973.2	RECK	protein_coding	-0.421	7.63E-24
AC010973.2	MOB1A	protein_coding	-0.421	7.69E-24
AC010973.2	NPTN	protein_coding	-0.421	7.72E-24
AC010973.2	LRRC40	protein_coding	-0.421	7.84E-24
AC010973.2	AAAS	protein_coding	0.421	7.92E-24
AC010973.2	NEXMIF	protein_coding	-0.421	7.99E-24
AC010973.2	SYNJ1	protein_coding	-0.421	8.01E-24
AC010973.2	CCDC186	protein_coding	-0.421	8.26E-24
AC010973.2	TMTC3	protein_coding	-0.421	8.27E-24
AC010973.2	CCDC137	protein_coding	0.421	8.38E-24
AC010973.2	STYX	protein_coding	-0.421	8.54E-24
AC010973.2	GOLPH3L	protein_coding	-0.421	9.14E-24
AC010973.2	FRMD6	protein_coding	-0.421	9.21E-24
AC010973.2	SHARPIN	protein_coding	0.421	9.3E-24
AC010973.2	TPRA1	protein_coding	0.421	9.33E-24
AC010973.2	NOL6	protein_coding	0.421	9.69E-24
AC010973.2	RNF166	protein_coding	0.42	9.72E-24
AC010973.2	MDFIC	protein_coding	-0.42	1.01E-23
AC010973.2	ULK1	protein_coding	0.42	1.03E-23
AC010973.2	PDAP1	protein_coding	0.42	1.06E-23
AC010973.2	FUK	protein_coding	0.42	1.07E-23
AC010973.2	MAFG	protein_coding	0.42	1.09E-23
AC010973.2	PCP2	protein_coding	0.42	1.14E-23
AC010973.2	THSD7A	protein_coding	-0.42	1.16E-23
AC010973.2	TACC3	protein_coding	0.42	1.17E-23
AC010973.2	SRBD1	protein_coding	-0.42	1.17E-23
AC010973.2	CCR2	protein_coding	-0.42	1.19E-23
AC010973.2	PLEKHH3	protein_coding	0.42	1.23E-23
AC010973.2	PGP	protein_coding	0.42	1.24E-23
AC010973.2	ABCD2	protein_coding	-0.42	1.26E-23
AC010973.2	DTX2	protein_coding	0.419	1.27E-23
AC010973.2	MIER3	protein_coding	-0.419	1.31E-23
AC010973.2	KLF3	protein_coding	-0.419	1.31E-23
AC010973.2	FBXL3	protein_coding	-0.419	1.32E-23
AC010973.2	CDC73	protein_coding	-0.419	1.33E-23
AC010973.2	FBXO32	protein_coding	-0.419	1.4E-23
AC010973.2	LIMK1	protein_coding	0.419	1.41E-23
AC010973.2	ANKRD13C	protein_coding	-0.419	1.46E-23
AC010973.2	LPAR2	protein_coding	0.419	1.49E-23
AC010973.2	TMEM249	protein_coding	0.419	1.51E-23
AC010973.2	DCUN1D1	protein_coding	-0.419	1.55E-23
AC010973.2	SCAMP1	protein_coding	-0.419	1.56E-23
AC010973.2	FGF10	protein_coding	-0.419	1.61E-23
AC010973.2	TBC1D12	protein_coding	-0.419	1.61E-23
AC010973.2	ENPP4	protein_coding	-0.419	1.63E-23
AC010973.2	METTL3	protein_coding	0.419	1.64E-23
AC010973.2	EXOC6B	protein_coding	-0.418	1.68E-23
AC010973.2	FLAD1	protein_coding	0.418	1.69E-23
AC010973.2	ELL2	protein_coding	-0.418	1.72E-23
AC010973.2	AKAP8	protein_coding	0.418	1.73E-23
AC010973.2	ELF2	protein_coding	-0.418	1.76E-23

AC010973.2	FGD4	protein_coding	-0.418	1.77E-23
AC010973.2	GRINA	protein_coding	0.418	1.8E-23
AC010973.2	GGA1	protein_coding	0.418	1.86E-23
AC010973.2	PRSS22	protein_coding	0.418	1.87E-23
AC010973.2	ARPC5L	protein_coding	0.418	1.91E-23
AC010973.2	FAM83H	protein_coding	0.418	1.95E-23
AC010973.2	TMEM59	protein_coding	-0.418	2.07E-23
AC010973.2	NTHL1	protein_coding	0.418	2.11E-23
AC010973.2	SLC19A1	protein_coding	0.418	2.13E-23
AC010973.2	RASSF1	protein_coding	0.418	2.14E-23
AC010973.2	SETD6	protein_coding	0.417	2.18E-23
AC010973.2	ELAVL4	protein_coding	-0.417	2.21E-23
AC010973.2	ATF6	protein_coding	-0.417	2.25E-23
AC010973.2	CDK11A	protein_coding	0.417	2.27E-23
AC010973.2	PUSL1	protein_coding	0.417	2.27E-23
AC010973.2	OXLD1	protein_coding	0.417	2.43E-23
AC010973.2	TBC1D16	protein_coding	0.417	2.43E-23
AC010973.2	MARCKS	protein_coding	-0.417	2.45E-23
AC010973.2	MRC1	protein_coding	-0.417	2.47E-23
AC010973.2	C20orf96	protein_coding	0.417	2.51E-23
AC010973.2	FILIP1	protein_coding	-0.417	2.53E-23
AC010973.2	SIRT7	protein_coding	0.417	2.57E-23
AC010973.2	RNF152	protein_coding	-0.417	2.57E-23
AC010973.2	SPATA25	protein_coding	0.417	2.6E-23
AC010973.2	NRAS	protein_coding	-0.417	2.63E-23
AC010973.2	GIMAP6	protein_coding	-0.417	2.68E-23
AC010973.2	SLC2A8	protein_coding	0.417	2.71E-23
AC010973.2	TMEM167A	protein_coding	-0.416	2.84E-23
AC010973.2	TBC1D23	protein_coding	-0.416	2.95E-23
AC010973.2	RNPS1	protein_coding	0.416	3E-23
AC010973.2	CLMP	protein_coding	-0.416	3.02E-23
AC010973.2	PPP2R3A	protein_coding	-0.416	3.2E-23
AC010973.2	ZBTB17	protein_coding	0.416	3.2E-23
AC010973.2	MORF4L1	protein_coding	-0.416	3.24E-23
AC010973.2	USP35	protein_coding	0.416	3.26E-23
AC010973.2	HDAC9	protein_coding	-0.416	3.29E-23
AC010973.2	MYO19	protein_coding	0.416	3.31E-23
AC010973.2	OGFRL1	protein_coding	-0.416	3.37E-23
AC010973.2	MLLT1	protein_coding	0.416	3.4E-23
AC010973.2	CD180	protein_coding	-0.416	3.42E-23
AC010973.2	RAB14	protein_coding	-0.416	3.52E-23
AC010973.2	MTMR10	protein_coding	-0.416	3.63E-23
AC010973.2	MFSD3	protein_coding	0.416	3.63E-23
AC010973.2	ATP10D	protein_coding	-0.415	3.7E-23
AC010973.2	GAB1	protein_coding	-0.415	3.7E-23
AC010973.2	LMBRD1	protein_coding	-0.415	3.73E-23
AC010973.2	TUBG2	protein_coding	0.415	3.73E-23
AC010973.2	DNASE1	protein_coding	0.415	3.74E-23
AC010973.2	CASP3	protein_coding	-0.415	3.74E-23
AC010973.2	SPARCL1	protein_coding	-0.415	3.78E-23
AC010973.2	TMEM79	protein_coding	0.415	3.92E-23
AC010973.2	ECM2	protein_coding	-0.415	3.96E-23
AC010973.2	RCC1L	protein_coding	0.415	4.03E-23
AC010973.2	RIN1	protein_coding	0.415	4.08E-23
AC010973.2	NUBP2	protein_coding	0.415	4.1E-23
AC010973.2	SMARCA4	protein_coding	0.415	4.35E-23

AC010973.2	MEPCE	protein_coding	0.415	4.59E-23
AC010973.2	IQGAP1	protein_coding	-0.414	5E-23
AC010973.2	ADAM10	protein_coding	-0.414	5.01E-23
AC010973.2	USP8	protein_coding	-0.414	5.04E-23
AC010973.2	ABRAXAS1	protein_coding	-0.414	5.05E-23
AC010973.2	BLZF1	protein_coding	-0.414	5.08E-23
AC010973.2	SARS2	protein_coding	0.414	5.27E-23
AC010973.2	HACD2	protein_coding	-0.414	5.29E-23
AC010973.2	FECH	protein_coding	-0.414	5.34E-23
AC010973.2	LXN	protein_coding	-0.414	5.43E-23
AC010973.2	LRRK2	protein_coding	-0.414	5.45E-23
AC010973.2	FBXO33	protein_coding	-0.414	5.47E-23
AC010973.2	SLC25A39	protein_coding	0.414	5.51E-23
AC010973.2	DCUN1D2	protein_coding	0.414	5.53E-23
AC010973.2	TRAF4	protein_coding	0.414	5.65E-23
AC010973.2	THEM6	protein_coding	0.414	5.68E-23
AC010973.2	VAC14	protein_coding	0.414	5.73E-23
AC010973.2	RBCK1	protein_coding	0.414	5.86E-23
AC010973.2	B3GAT3	protein_coding	0.414	6.05E-23
AC010973.2	SWAP70	protein_coding	-0.413	6.74E-23
AC010973.2	CLN6	protein_coding	0.413	7.05E-23
AC010973.2	SPCS3	protein_coding	-0.413	7.13E-23
AC010973.2	PLD1	protein_coding	-0.413	7.15E-23
AC010973.2	NELFCD	protein_coding	0.413	7.22E-23
AC010973.2	USP53	protein_coding	-0.413	7.24E-23
AC010973.2	TXNDC15	protein_coding	-0.413	7.3E-23
AC010973.2	ZNF696	protein_coding	0.413	7.33E-23
AC010973.2	PDE4DIP	protein_coding	-0.413	7.47E-23
AC010973.2	CIAO3	protein_coding	0.413	7.49E-23
AC010973.2	ATMIN	protein_coding	-0.413	7.53E-23
AC010973.2	TMEM150A	protein_coding	0.413	7.55E-23
AC010973.2	OGN	protein_coding	-0.413	7.73E-23
AC010973.2	ARHGAP31	protein_coding	-0.413	7.93E-23
AC010973.2	SLC2A4RG	protein_coding	0.412	8.1E-23
AC010973.2	C5orf15	protein_coding	-0.412	8.21E-23
AC010973.2	ZFAND6	protein_coding	-0.412	8.21E-23
AC010973.2	RSRP1	protein_coding	0.412	8.26E-23
AC010973.2	CD69	protein_coding	-0.412	8.35E-23
AC010973.2	TMPRSS9	protein_coding	0.412	8.37E-23
AC010973.2	RCAN1	protein_coding	-0.412	8.48E-23
AC010973.2	RYBP	protein_coding	-0.412	8.53E-23
AC010973.2	DDX54	protein_coding	0.412	8.8E-23
AC010973.2	MAN1A1	protein_coding	-0.412	8.8E-23
AC010973.2	SURF2	protein_coding	0.412	8.81E-23
AC010973.2	CTSS	protein_coding	-0.412	8.91E-23
AC010973.2	SRGN	protein_coding	-0.412	9.04E-23
AC010973.2	FOXK1	protein_coding	0.412	9.1E-23
AC010973.2	ARNT	protein_coding	-0.412	9.24E-23
AC010973.2	RFX1	protein_coding	0.412	9.27E-23
AC010973.2	LBX2	protein_coding	0.412	9.35E-23
AC010973.2	TOMM34	protein_coding	0.412	9.44E-23
AC010973.2	LRCH2	protein_coding	-0.412	9.5E-23
AC010973.2	LRRC20	protein_coding	0.412	9.89E-23
AC010973.2	GRB7	protein_coding	0.412	1.03E-22
AC010973.2	PRKCB	protein_coding	-0.411	1.06E-22
AC010973.2	CPED1	protein_coding	-0.411	1.07E-22

AC010973.2	PFDN2	protein_coding	0.411	1.09E-22
AC010973.2	MSRB3	protein_coding	-0.411	1.1E-22
AC010973.2	ABCA1	protein_coding	-0.411	1.14E-22
AC010973.2	SAMD9	protein_coding	-0.411	1.14E-22
AC010973.2	PPFIA3	protein_coding	0.411	1.16E-22
AC010973.2	EDEM3	protein_coding	-0.411	1.18E-22
AC010973.2	FASN	protein_coding	0.411	1.18E-22
AC010973.2	CFAP54	protein_coding	-0.411	1.19E-22
AC010973.2	ASB16	protein_coding	0.411	1.19E-22
AC010973.2	TM7SF2	protein_coding	0.411	1.22E-22
AC010973.2	AIDA	protein_coding	-0.411	1.23E-22
AC010973.2	RIOK3	protein_coding	-0.411	1.23E-22
AC010973.2	FPGT	protein_coding	-0.411	1.24E-22
AC010973.2	TOMM40	protein_coding	0.411	1.28E-22
AC010973.2	DAGLB	protein_coding	0.411	1.28E-22
AC010973.2	PSEN1	protein_coding	-0.411	1.33E-22
AC010973.2	TMEM167B	protein_coding	-0.411	1.34E-22
AC010973.2	CYP7B1	protein_coding	-0.411	1.34E-22
AC010973.2	KIF12	protein_coding	0.41	1.36E-22
AC010973.2	PRKACB	protein_coding	-0.41	1.38E-22
AC010973.2	CD36	protein_coding	-0.41	1.39E-22
AC010973.2	RABEP2	protein_coding	0.41	1.4E-22
AC010973.2	SWT1	protein_coding	-0.41	1.41E-22
AC010973.2	RASSF2	protein_coding	-0.41	1.45E-22
AC010973.2	DMAP1	protein_coding	0.41	1.5E-22
AC010973.2	TCEAL7	protein_coding	-0.41	1.52E-22
AC010973.2	CDK18	protein_coding	0.41	1.53E-22
AC010973.2	KCTD12	protein_coding	-0.41	1.56E-22
AC010973.2	ARMC6	protein_coding	0.41	1.56E-22
AC010973.2	RDH13	protein_coding	0.41	1.58E-22
AC010973.2	METTL1	protein_coding	0.41	1.6E-22
AC010973.2	MAF	protein_coding	-0.41	1.61E-22
AC010973.2	CGGBP1	protein_coding	-0.41	1.64E-22
AC010973.2	ZNF653	protein_coding	0.41	1.67E-22
AC010973.2	TMEM255A	protein_coding	-0.41	1.67E-22
AC010973.2	FAM172A	protein_coding	-0.41	1.71E-22
AC010973.2	USP21	protein_coding	0.41	1.72E-22
AC010973.2	CAST	protein_coding	-0.41	1.73E-22
AC010973.2	SLC35A3	protein_coding	-0.41	1.74E-22
AC010973.2	PPP3CA	protein_coding	-0.409	1.75E-22
AC010973.2	MICU3	protein_coding	-0.409	1.75E-22
AC010973.2	GPR82	protein_coding	-0.409	1.76E-22
AC010973.2	STRN3	protein_coding	-0.409	1.77E-22
AC010973.2	EGLN1	protein_coding	-0.409	1.8E-22
AC010973.2	SLC25A10	protein_coding	0.409	1.86E-22
AC010973.2	PABPC5	protein_coding	-0.409	1.88E-22
AC010973.2	MAPK1	protein_coding	-0.409	1.92E-22
AC010973.2	REM2	protein_coding	0.409	1.94E-22
AC010973.2	PTBP1	protein_coding	0.409	1.94E-22
AC010973.2	ANK2	protein_coding	-0.409	1.96E-22
AC010973.2	CEP85L	protein_coding	-0.409	1.96E-22
AC010973.2	CIPC	protein_coding	-0.409	2.05E-22
AC010973.2	AGGF1	protein_coding	-0.409	2.06E-22
AC010973.2	ZDHHC15	protein_coding	-0.409	2.08E-22
AC010973.2	SMAD2	protein_coding	-0.409	2.09E-22
AC010973.2	METTL22	protein_coding	0.409	2.11E-22

AC010973.2	ABI1	protein_coding	-0.409	2.13E-22
AC010973.2	PLEKHN1	protein_coding	0.409	2.14E-22
AC010973.2	CENPC	protein_coding	-0.409	2.16E-22
AC010973.2	FAM8A1	protein_coding	-0.409	2.18E-22
AC010973.2	TXNIP	protein_coding	-0.409	2.18E-22
AC010973.2	RBBP8NL	protein_coding	0.408	2.28E-22
AC010973.2	OSBPL11	protein_coding	-0.408	2.3E-22
AC010973.2	LIX1L	protein_coding	-0.408	2.37E-22
AC010973.2	SLC35F5	protein_coding	-0.408	2.42E-22
AC010973.2	METTL24	protein_coding	-0.408	2.43E-22
AC010973.2	ISCA1	protein_coding	-0.408	2.51E-22
AC010973.2	GPBP1L1	protein_coding	-0.408	2.52E-22
AC010973.2	FBL	protein_coding	0.408	2.55E-22
AC010973.2	SCN7A	protein_coding	-0.408	2.57E-22
AC010973.2	ACTR10	protein_coding	-0.408	2.58E-22
AC010973.2	STX7	protein_coding	-0.408	2.58E-22
AC010973.2	DPP8	protein_coding	-0.408	2.59E-22
AC010973.2	TMEM184A	protein_coding	0.408	2.62E-22
AC010973.2	RASSF6	protein_coding	-0.408	2.62E-22
AC010973.2	NLGN4X	protein_coding	-0.408	2.67E-22
AC010973.2	WRNIP1	protein_coding	0.408	2.69E-22
AC010973.2	RABL3	protein_coding	-0.408	2.74E-22
AC010973.2	WDR18	protein_coding	0.408	2.79E-22
AC010973.2	GRIN3B	protein_coding	0.408	2.81E-22
AC010973.2	PPP2R2B	protein_coding	-0.408	2.81E-22
AC010973.2	CCDC61	protein_coding	0.408	2.89E-22
AC010973.2	ASCL2	protein_coding	0.407	2.93E-22
AC010973.2	PLK1	protein_coding	0.407	2.94E-22
AC010973.2	FAAP20	protein_coding	0.407	2.94E-22
AC010973.2	CCDC80	protein_coding	-0.407	2.96E-22
AC010973.2	RP9	protein_coding	0.407	3.12E-22
AC010973.2	FPR3	protein_coding	-0.407	3.21E-22
AC010973.2	OPLAH	protein_coding	0.407	3.21E-22
AC010973.2	CLEC9A	protein_coding	-0.407	3.27E-22
AC010973.2	CUL5	protein_coding	-0.407	3.28E-22
AC010973.2	PPP1R12A	protein_coding	-0.407	3.3E-22
AC010973.2	CDK14	protein_coding	-0.407	3.37E-22
AC010973.2	MS4A4A	protein_coding	-0.407	3.59E-22
AC010973.2	MAMDC2	protein_coding	-0.407	3.6E-22
AC010973.2	B3GALT6	protein_coding	0.407	3.7E-22
AC010973.2	MANEA	protein_coding	-0.407	3.74E-22
AC010973.2	TCOF1	protein_coding	0.407	3.74E-22
AC010973.2	PDF	protein_coding	0.406	3.79E-22
AC010973.2	FAM13B	protein_coding	-0.406	3.81E-22
AC010973.2	CAMSAP3	protein_coding	0.406	3.91E-22
AC010973.2	EXOSC4	protein_coding	0.406	3.94E-22
AC010973.2	LPP	protein_coding	-0.406	3.96E-22
AC010973.2	PPM1L	protein_coding	-0.406	4.06E-22
AC010973.2	ANO8	protein_coding	0.406	4.07E-22
AC010973.2	ZHX1	protein_coding	-0.406	4.2E-22
AC010973.2	POP7	protein_coding	0.406	4.2E-22
AC010973.2	PTP4A1	protein_coding	-0.406	4.31E-22
AC010973.2	CCM2	protein_coding	0.406	4.41E-22
AC010973.2	ZNF593	protein_coding	0.406	4.58E-22
AC010973.2	AP4M1	protein_coding	0.406	4.61E-22
AC010973.2	BICDL1	protein_coding	0.406	4.64E-22

AC010973.2	SCAF1	protein_coding	0.406	4.75E-22
AC010973.2	RASSF8	protein_coding	-0.406	4.81E-22
AC010973.2	NELFB	protein_coding	0.406	4.83E-22
AC010973.2	ODF2	protein_coding	0.406	4.84E-22
AC010973.2	FERMT2	protein_coding	-0.405	4.9E-22
AC010973.2	CD86	protein_coding	-0.405	4.95E-22
AC010973.2	LPAR1	protein_coding	-0.405	4.96E-22
AC010973.2	SCFD1	protein_coding	-0.405	4.99E-22
AC010973.2	EML3	protein_coding	0.405	5.07E-22
AC010973.2	ALDH4A1	protein_coding	0.405	5.11E-22
AC010973.2	ZFP41	protein_coding	0.405	5.22E-22
AC010973.2	EEFSEC	protein_coding	0.405	5.24E-22
AC010973.2	GBE1	protein_coding	-0.405	5.26E-22
AC010973.2	DHX30	protein_coding	0.405	5.41E-22
AC010973.2	JAK2	protein_coding	-0.405	5.76E-22
AC010973.2	FEM1C	protein_coding	-0.405	6.05E-22
AC010973.2	ZNF296	protein_coding	0.405	6.18E-22
AC010973.2	EVI5	protein_coding	-0.404	6.4E-22
AC010973.2	CRYBB3	protein_coding	0.404	6.57E-22
AC010973.2	VGLL3	protein_coding	-0.404	6.63E-22
AC010973.2	CDK17	protein_coding	-0.404	6.66E-22
AC010973.2	AGPS	protein_coding	-0.404	6.67E-22
AC010973.2	RUVBL2	protein_coding	0.404	6.69E-22
AC010973.2	GALNT7	protein_coding	-0.404	6.81E-22
AC010973.2	HSPBP1	protein_coding	0.404	6.82E-22
AC010973.2	SOCS5	protein_coding	-0.404	6.96E-22
AC010973.2	COPS6	protein_coding	0.404	7.21E-22
AC010973.2	GIN1	protein_coding	-0.404	7.37E-22
AC010973.2	SCYL2	protein_coding	-0.404	7.47E-22
AC010973.2	LZIC	protein_coding	-0.404	7.61E-22
AC010973.2	ORC6	protein_coding	0.404	7.68E-22
AC010973.2	PLS1	protein_coding	-0.404	7.73E-22
AC010973.2	CCDC88A	protein_coding	-0.404	7.93E-22
AC010973.2	NOC2L	protein_coding	0.403	8.35E-22
AC010973.2	CASD1	protein_coding	-0.403	8.36E-22
AC010973.2	ACBD3	protein_coding	-0.403	8.4E-22
AC010973.2	WDR48	protein_coding	-0.403	8.43E-22
AC010973.2	STK17A	protein_coding	-0.403	8.53E-22
AC010973.2	SMAD4	protein_coding	-0.403	8.86E-22
AC010973.2	TAGAP	protein_coding	-0.403	8.87E-22
AC010973.2	NCAPH2	protein_coding	0.403	8.93E-22
AC010973.2	APPL1	protein_coding	-0.403	9.05E-22
AC010973.2	PRMT1	protein_coding	0.403	9.13E-22
AC010973.2	NPIP13	protein_coding	0.403	9.24E-22
AC010973.2	SULT2B1	protein_coding	0.403	9.43E-22
AC010973.2	TMEM56	protein_coding	-0.403	9.44E-22
AC010973.2	DSE	protein_coding	-0.403	9.47E-22
AC010973.2	SAR1B	protein_coding	-0.403	9.52E-22
AC010973.2	LRRC61	protein_coding	0.403	9.53E-22
AC010973.2	EMCN	protein_coding	-0.403	9.58E-22
AC010973.2	DSC2	protein_coding	-0.403	9.63E-22
AC010973.2	BNIP3L	protein_coding	-0.403	9.66E-22
AC010973.2	EPHB4	protein_coding	0.403	9.66E-22
AC010973.2	RBM10	protein_coding	0.403	9.88E-22
AC010973.2	AFF4	protein_coding	-0.403	9.89E-22
AC010973.2	RCSD1	protein_coding	-0.403	1.01E-21

AC010973.2	ADGRG1	protein_coding	0.403	1.03E-21
AC010973.2	SCIMP	protein_coding	-0.403	1.03E-21
AC010973.2	RNF150	protein_coding	-0.402	1.04E-21
AC010973.2	SPTBN2	protein_coding	0.402	1.04E-21
AC010973.2	TMEM175	protein_coding	0.402	1.05E-21
AC010973.2	TTLL4	protein_coding	0.402	1.06E-21
AC010973.2	GDI1	protein_coding	0.402	1.07E-21
AC010973.2	LRCH4	protein_coding	0.402	1.1E-21
AC010973.2	KLHL20	protein_coding	-0.402	1.11E-21
AC010973.2	CIZ1	protein_coding	0.402	1.16E-21
AC010973.2	MS4A6A	protein_coding	-0.402	1.17E-21
AC010973.2	TEDC1	protein_coding	0.402	1.18E-21
AC010973.2	ARHGAP5	protein_coding	-0.402	1.19E-21
AC010973.2	CHD9	protein_coding	-0.402	1.2E-21
AC010973.2	LMBR1L	protein_coding	0.402	1.24E-21
AC010973.2	ZNF786	protein_coding	0.402	1.24E-21
AC010973.2	CD84	protein_coding	-0.402	1.26E-21
AC010973.2	DECR2	protein_coding	0.402	1.29E-21
AC010973.2	RNF44	protein_coding	0.402	1.3E-21
AC010973.2	CSF2RB	protein_coding	-0.402	1.32E-21
AC010973.2	EXD3	protein_coding	0.402	1.32E-21
AC010973.2	VTA1	protein_coding	-0.402	1.33E-21
AC010973.2	GCNT4	protein_coding	-0.401	1.34E-21
AC010973.2	PKP3	protein_coding	0.401	1.35E-21
AC010973.2	LIN7B	protein_coding	0.401	1.36E-21
AC010973.2	KIAA0825	protein_coding	-0.401	1.37E-21
AC010973.2	U2AF1L4	protein_coding	0.401	1.38E-21
AC010973.2	PVR	protein_coding	0.401	1.39E-21
AC010973.2	TIMM17B	protein_coding	0.401	1.41E-21
AC010973.2	ERCC2	protein_coding	0.401	1.41E-21
AC010973.2	ZNF789	protein_coding	0.401	1.42E-21
AC010973.2	GPR141	protein_coding	-0.401	1.47E-21
AC010973.2	GAREM1	protein_coding	-0.401	1.47E-21
AC010973.2	FCHSD1	protein_coding	0.401	1.47E-21
AC010973.2	BORCS7	protein_coding	-0.401	1.5E-21
AC010973.2	TMEM100	protein_coding	-0.401	1.51E-21
AC010973.2	MSANTD1	protein_coding	0.401	1.58E-21
AC010973.2	MGAT4A	protein_coding	-0.401	1.58E-21
AC010973.2	COMTD1	protein_coding	0.401	1.59E-21
AC010973.2	MYCT1	protein_coding	-0.401	1.62E-21
AC010973.2	PHKB	protein_coding	-0.401	1.63E-21
AC010973.2	FBXO46	protein_coding	0.401	1.65E-21
AC010973.2	TMEM91	protein_coding	0.401	1.65E-21
AC010973.2	CCDC154	protein_coding	0.401	1.69E-21
AC010973.2	GNAI3	protein_coding	-0.401	1.7E-21
AC010973.2	CXorf21	protein_coding	-0.4	1.75E-21
AC010973.2	DIRC2	protein_coding	-0.4	1.91E-21
AC010973.2	PEX16	protein_coding	0.4	1.94E-21
AC010973.2	ASIC1	protein_coding	0.4	1.95E-21
AC010973.2	ZNF628	protein_coding	0.4	1.97E-21
AC010973.2	RPL28	protein_coding	0.4	2E-21
AC010973.2	ARMC8	protein_coding	-0.4	2.07E-21
AC010973.2	PDCL	protein_coding	-0.4	2.13E-21
AC010973.2	SLC26A6	protein_coding	0.4	2.13E-21
AC010973.2	TRAP1	protein_coding	0.4	2.16E-21
AC010973.2	CYP1B1	protein_coding	-0.4	2.18E-21

AC010973.2	CPNE1	protein_coding	0.4	2.2E-21
AC010973.2	FAM160B1	protein_coding	-0.4	2.2E-21