

Table SIII. LncRNA-mRNA co-expression analysis for OS in HCC without fibrosis.

lncRNA	mRNA	Pearson correlation	
		coefficient	P-value
LINC00239	RAD54L2	-0.561	1.53E-18
LINC00239	PHLPP1	-0.537	7.11E-17
LINC00239	FMO4	-0.529	2.55E-16
LINC00239	RMND5A	-0.518	1.25E-15
LINC00239	SORD	-0.515	1.95E-15
LINC00239	POFUT1	-0.509	5.18E-15
LINC00239	GREB1	-0.506	7.67E-15
LINC00239	ALAD	-0.502	1.28E-14
LINC00239	DDI2	-0.499	2.07E-14
LINC00239	CRY2	-0.496	2.97E-14
LINC00239	PPP1R3E	-0.49	6.94E-14
LINC00239	TAPT1	-0.486	1.1E-13
LINC00239	C6orf201	-0.486	1.21E-13
LINC00239	ZNF385B	-0.485	1.31E-13
LINC00239	NFIA	-0.483	1.62E-13
LINC00239	SEC14L2	-0.479	2.68E-13
LINC00239	MYCL	-0.478	3.19E-13
LINC00239	NFIX	-0.476	4.08E-13
LINC00239	DPP4	-0.471	7.47E-13
LINC00239	GID4	-0.467	1.36E-12
LINC00239	ZSCAN21	-0.467	1.34E-12
LINC00239	PCYOX1	-0.466	1.44E-12
LINC00239	CNNM3	-0.463	2.03E-12
LINC00239	ATXN7L1	-0.461	2.91E-12
LINC00239	DMD	-0.458	3.84E-12
LINC00239	PER2	-0.457	4.59E-12
LINC00239	RANBP3L	-0.456	5.17E-12
LINC00239	TTC31	-0.454	6.33E-12
LINC00239	APBB2	-0.454	6.55E-12
LINC00239	ZNF212	-0.453	7.5E-12
LINC00239	GCFC2	-0.452	8.19E-12
LINC00239	YPEL1	-0.451	9.6E-12
LINC00239	ALDH5A1	-0.451	8.91E-12
LINC00239	NUBPL	-0.45	1.08E-11
LINC00239	DSG1	-0.45	1.02E-11
LINC00239	METTL7A	-0.449	1.17E-11
LINC00239	ZNF619	-0.448	1.36E-11
LINC00239	ZFYVE9	-0.448	1.24E-11

LINC00239	CHAD	-0.447	1.5E-11
LINC00239	ATF7IP2	-0.446	1.66E-11
LINC00239	SFXN5	-0.446	1.7E-11
LINC00239	CDHR3	-0.444	2.19E-11
LINC00239	IRS1	-0.444	2.11E-11
LINC00239	ZKSCAN1	-0.443	2.39E-11
LINC00239	EHHADH	-0.443	2.2E-11
LINC00239	PDK4	-0.443	2.4E-11
LINC00239	CELF1	-0.443	2.23E-11
LINC00239	HAUS4	-0.442	2.59E-11
LINC00239	SMO	-0.442	2.61E-11
LINC00239	SAP30L	-0.442	2.64E-11
LINC00239	MERTK	-0.441	2.91E-11
LINC00239	FAN1	-0.441	2.99E-11
LINC00239	TRPM7	-0.441	2.87E-11
LINC00239	WDPCP	-0.44	3.26E-11
LINC00239	TCP11	-0.439	3.68E-11
LINC00239	C6orf106	-0.439	3.86E-11
LINC00239	KLF12	-0.439	3.62E-11
LINC00239	ABHD1	-0.438	4.3E-11
LINC00239	PAN2	-0.438	4.05E-11
LINC00239	TCTA	-0.437	4.38E-11
LINC00239	HLF	-0.436	5.04E-11
LINC00239	CNST	-0.436	5.03E-11
LINC00239	ST3GAL3	-0.435	5.63E-11
LINC00239	ARHGAP32	-0.435	5.46E-11
LINC00239	ETFBKMT	-0.434	6.49E-11
LINC00239	ACOT13	-0.433	6.82E-11
LINC00239	DLG1	-0.433	7.51E-11
LINC00239	HERC1	-0.431	9.36E-11
LINC00239	XPC	-0.43	1E-10
LINC00239	FBXO38	-0.43	9.97E-11
LINC00239	SELENBP1	-0.43	1.01E-10
LINC00239	SIRT5	-0.43	9.64E-11
LINC00239	COBLL1	-0.429	1.15E-10
LINC00239	PIK3R1	-0.429	1.11E-10
LINC00239	HDAC6	-0.429	1.14E-10
LINC00239	CYP7A1	-0.427	1.36E-10
LINC00239	KAT2B	-0.426	1.57E-10
LINC00239	LGSN	-0.426	1.58E-10
LINC00239	SIK2	-0.426	1.58E-10
LINC00239	MPDZ	-0.426	1.58E-10
LINC00239	NDRG2	-0.426	1.6E-10

LINC00239	MPLKIP	-0.425	1.72E-10
LINC00239	CHN2	-0.425	1.74E-10
LINC00239	KIZ	-0.425	1.71E-10
LINC00239	RTTN	-0.424	1.92E-10
LINC00239	DRD1	-0.424	1.85E-10
LINC00239	DENND5B	-0.424	2E-10
LINC00239	B4GAT1	-0.424	2E-10
LINC00239	DLEC1	-0.423	2.09E-10
LINC00239	ZBTB14	-0.423	2.13E-10
LINC00239	RXRB	-0.422	2.51E-10
LINC00239	BACE1	-0.422	2.29E-10
LINC00239	RBBP9	-0.422	2.41E-10
LINC00239	KLHDC10	-0.419	3.48E-10
LINC00239	FNDC5	-0.417	3.9E-10
LINC00239	ECI2	-0.417	3.96E-10
LINC00239	BCAS3	-0.416	4.56E-10
LINC00239	ITPR2	-0.415	5.32E-10
LINC00239	PECR	-0.415	4.96E-10
LINC00239	CRLS1	-0.414	5.87E-10
LINC00239	SCAPER	-0.414	5.62E-10
LINC00239	CEP63	-0.413	6.45E-10
LINC00239	BRWD1	-0.412	6.93E-10
LINC00239	ATXN1	-0.412	6.62E-10
LINC00239	ZNF398	-0.412	7.24E-10
LINC00239	EIF4EBP2	-0.412	6.87E-10
LINC00239	TMEM150C	-0.41	8.66E-10
LINC00239	KLHDC1	-0.41	8.74E-10
LINC00239	CPEB3	-0.409	9.07E-10
LINC00239	TEF	-0.409	9.54E-10
LINC00239	TRIM26	-0.409	9.17E-10
LINC00239	SLC10A1	-0.409	9.1E-10
LINC00239	ZBTB18	-0.408	1.01E-09
LINC00239	RREB1	-0.408	1.05E-09
LINC00239	SERTAD2	-0.408	1.07E-09
LINC00239	CALCOCO1	-0.407	1.13E-09
LINC00239	SRD5A2	-0.407	1.18E-09
LINC00239	DEPDC5	-0.406	1.33E-09
LINC00239	USF3	-0.406	1.3E-09
LINC00239	FBLN7	-0.405	1.45E-09
LINC00239	AKAP6	-0.405	1.44E-09
LINC00239	CMTR1	-0.405	1.37E-09
LINC00239	AGMO	-0.405	1.41E-09
LINC00239	SIRT3	-0.405	1.46E-09

LINC00239	HIPK2	-0.404	1.64E-09
LINC00239	IL6R	-0.404	1.62E-09
LINC00239	CFL2	-0.403	1.67E-09
LINC00239	REN	-0.403	1.73E-09
LINC00239	SCP2	-0.402	2.02E-09
LINC00239	ZYG11B	-0.402	1.99E-09
LINC00239	CES3	-0.402	2E-09
LINC00239	FAM169A	-0.402	1.9E-09
LINC00239	FBXL5	-0.401	2.19E-09
LINC00239	MTHFD1	-0.401	2.21E-09
LINC00239	STBD1	-0.4	2.3E-09
LINC00239	AL121845.3	-0.4	2.45E-09
LINC00239	ABCG2	-0.4	2.29E-09
LINC00239	CAT	-0.399	2.7E-09
LINC00239	SFXN1	-0.399	2.61E-09
LINC00239	SNTG1	-0.399	2.55E-09
LINC00239	HIRIP3	-0.398	2.92E-09
LINC00239	NEU3	-0.397	3.29E-09
LINC00239	SH3BP4	-0.397	3.13E-09
LINC00239	ESR1	-0.396	3.56E-09
LINC00239	ZNF429	-0.395	4.01E-09
LINC00239	TMEM56	-0.393	4.65E-09
LINC00239	ABCC9	-0.393	4.58E-09
LINC00239	USP30	-0.393	4.6E-09
LINC00239	RPP14	-0.393	4.89E-09
LINC00239	STPG3	-0.392	5.25E-09
LINC00239	SEPSECS	-0.392	5.07E-09
LINC00239	PDK2	-0.392	5.25E-09
LINC00239	DMGDH	-0.391	5.48E-09
LINC00239	FOXN3	-0.391	5.52E-09
LINC00239	USP19	-0.391	5.83E-09
LINC00239	MORC3	-0.39	6.48E-09
LINC00239	CCDC121	-0.39	6.43E-09
LINC00239	PAGE4	-0.39	6.26E-09
LINC00239	CDK14	-0.39	6.41E-09
LINC00239	KLC4	-0.389	7.02E-09
LINC00239	KLHL15	-0.389	6.96E-09
LINC00239	CA4	-0.389	6.74E-09
LINC00239	PPARA	-0.389	6.98E-09
LINC00239	DAO	-0.389	6.73E-09
LINC00239	MRS2	-0.389	6.71E-09
LINC00239	TESK2	-0.388	7.45E-09
LINC00239	MBLAC2	-0.388	7.39E-09

LINC00239	ETNK2	-0.388	7.79E-09
LINC00239	GTF2H4	-0.388	7.47E-09
LINC00239	SECISBP2L	-0.388	7.4E-09
LINC00239	BPHL	-0.388	7.42E-09
LINC00239	SLC25A13	-0.387	8.33E-09
LINC00239	C6orf89	-0.387	8.22E-09
LINC00239	CGNL1	-0.387	8.17E-09
LINC00239	PER3	-0.386	9.07E-09
LINC00239	FAM120C	-0.386	9.25E-09
LINC00239	MROH8	-0.386	8.82E-09
LINC00239	KCTD18	-0.385	1.02E-08
LINC00239	USP47	-0.385	9.76E-09
LINC00239	HECTD1	-0.385	1.01E-08
LINC00239	GPLD1	-0.385	1.03E-08
LINC00239	ACAD11	-0.385	9.82E-09
LINC00239	SLC25A42	-0.385	9.93E-09
LINC00239	AGBL5	-0.385	1.05E-08
LINC00239	CDK13	-0.385	9.81E-09
LINC00239	ZBTB37	-0.384	1.11E-08
LINC00239	DCAF11	-0.384	1.16E-08
LINC00239	WNK3	-0.383	1.18E-08
LINC00239	SLC2A2	-0.383	1.22E-08
LINC00239	EPM2AIP1	-0.383	1.19E-08
LINC00239	ADRB2	-0.382	1.35E-08
LINC00239	SMOC1	-0.382	1.31E-08
LINC00239	GSK3B	-0.382	1.36E-08
LINC00239	ARHGAP35	-0.382	1.3E-08
LINC00239	CTR9	-0.382	1.35E-08
LINC00239	EPB41L5	-0.382	1.36E-08
LINC00239	PTAR1	-0.381	1.53E-08
LINC00239	HIBADH	-0.381	1.54E-08
LINC00239	CNOT4	-0.38	1.66E-08
LINC00239	AL121845.2	-0.38	1.57E-08
LINC00239	DAAM1	-0.38	1.56E-08
LINC00239	PIAS1	-0.38	1.69E-08
LINC00239	ENPP1	-0.38	1.61E-08
LINC00239	PGRMC1	-0.379	1.77E-08
LINC00239	DIS3L	-0.379	1.79E-08
LINC00239	CALML4	-0.379	1.84E-08
LINC00239	KLHDC2	-0.379	1.76E-08
LINC00239	RHOBTB3	-0.378	2.01E-08
LINC00239	ALDH7A1	-0.378	1.88E-08
LINC00239	LRP6	-0.378	1.97E-08

LINC00239	TMEM170B	-0.378	2.04E-08
LINC00239	LRRC58	-0.378	1.92E-08
LINC00239	TPPP2	-0.378	1.96E-08
LINC00239	ABCA6	-0.377	2.16E-08
LINC00239	THAP5	-0.377	2.2E-08
LINC00239	SLC25A34	-0.377	2.17E-08
LINC00239	IGSF23	-0.376	2.47E-08
LINC00239	MYO1B	-0.376	2.27E-08
LINC00239	NUP153	-0.376	2.47E-08
LINC00239	SCAI	-0.376	2.42E-08
LINC00239	KAT14	-0.376	2.28E-08
LINC00239	JAKMIP2	-0.376	2.32E-08
LINC00239	43167	-0.376	2.36E-08
LINC00239	PARD3B	-0.376	2.35E-08
LINC00239	RING1	-0.375	2.57E-08
LINC00239	GNE	-0.375	2.56E-08
LINC00239	BRPF3	-0.375	2.67E-08
LINC00239	CPSF7	-0.375	2.61E-08
LINC00239	HSD17B4	-0.375	2.69E-08
LINC00239	SIRT1	-0.375	2.55E-08
LINC00239	DAAM2	-0.375	2.59E-08
LINC00239	SLC6A1	-0.374	2.83E-08
LINC00239	SLC6A13	-0.374	2.92E-08
LINC00239	WDR48	-0.374	2.82E-08
LINC00239	ZNF680	-0.374	2.91E-08
LINC00239	MYLK	-0.373	3.21E-08
LINC00239	MED13	-0.373	3.19E-08
LINC00239	THRB	-0.372	3.28E-08
LINC00239	LNP1	-0.372	3.44E-08
LINC00239	POLH	-0.372	3.27E-08
LINC00239	STAT5B	-0.372	3.37E-08
LINC00239	SEC14L3	-0.371	3.58E-08
LINC00239	GATM	-0.371	3.67E-08
LINC00239	N4BP2L1	-0.371	3.8E-08
LINC00239	C2orf42	-0.371	3.88E-08
LINC00239	PIK3R4	-0.371	3.67E-08
LINC00239	SLC16A12	-0.371	3.82E-08
LINC00239	ITCH	-0.371	3.9E-08
LINC00239	PEX5	-0.37	3.96E-08
LINC00239	SUOX	-0.37	4.25E-08
LINC00239	DCAF1	-0.37	3.99E-08
LINC00239	CYP3A4	-0.37	4.11E-08
LINC00239	CEP120	-0.37	4.15E-08

LINC00239	ZRANB3	-0.37	4E-08
LINC00239	GLO1	-0.37	3.98E-08
LINC00239	BLCAP	-0.37	4.21E-08
LINC00239	ADAL	-0.369	4.54E-08
LINC00239	SH3RF2	-0.369	4.33E-08
LINC00239	L2HGDH	-0.369	4.36E-08
LINC00239	KIAA1958	-0.369	4.33E-08
LINC00239	CPPED1	-0.369	4.52E-08
LINC00239	SBF2	-0.368	5.02E-08
LINC00239	TNRC6A	-0.368	4.81E-08
LINC00239	ZNF407	-0.368	4.74E-08
LINC00239	PLEKHA5	-0.368	4.71E-08
LINC00239	CLASP1	-0.367	5.24E-08
LINC00239	ATP23	-0.367	5.17E-08
LINC00239	DCAKD	-0.367	5.19E-08
LINC00239	GOLGA6A	-0.367	5.4E-08
LINC00239	THNSL1	-0.367	5.47E-08
LINC00239	RHBDL3	-0.367	5.13E-08
LINC00239	AMACR	-0.367	5.47E-08
LINC00239	ZNF445	-0.366	5.6E-08
LINC00239	RAB5B	-0.366	5.88E-08
LINC00239	LRRFIP2	-0.366	6E-08
LINC00239	MIER3	-0.366	5.84E-08
LINC00239	SELENOP	-0.365	6.47E-08
LINC00239	ZCCHC6	-0.365	6.42E-08
LINC00239	DNAJC25	-0.365	6.6E-08
LINC00239	NLRP14	-0.365	6.33E-08
LINC00239	RALGAPA1	-0.365	6.19E-08
LINC00239	PANK1	-0.365	6.55E-08
LINC00239	LARP4	-0.364	6.99E-08
LINC00239	ALDH6A1	-0.364	6.81E-08
LINC00239	MOCS1	-0.364	7.14E-08
LINC00239	CYP3A43	-0.364	7.15E-08
LINC00239	PPP4R2	-0.364	7.23E-08
LINC00239	RORA	-0.364	7.08E-08
LINC00239	GLUL	-0.364	6.94E-08
LINC00239	ARID4A	-0.363	7.44E-08
LINC00239	TRIM24	-0.363	7.95E-08
LINC00239	GADD45A	-0.363	7.33E-08
LINC00239	ICK	-0.363	7.67E-08
LINC00239	AQP9	-0.363	7.32E-08
LINC00239	EIF2AK4	-0.363	7.58E-08
LINC00239	ASPA	-0.363	7.56E-08

LINC00239	GLCCI1	-0.363	7.48E-08
LINC00239	RTP3	-0.363	7.36E-08
LINC00239	EXOC7	-0.363	7.46E-08
LINC00239	FOXO4	-0.362	8.29E-08
LINC00239	FOXRED2	-0.362	8.5E-08
LINC00239	UBR2	-0.362	8.02E-08
LINC00239	CDC14B	-0.362	8.2E-08
LINC00239	SS18L1	-0.362	8.04E-08
LINC00239	ZGPAT	-0.362	7.99E-08
LINC00239	NT5DC1	-0.361	9.05E-08
LINC00239	MSL2	-0.361	9.03E-08
LINC00239	MYRIP	-0.361	9.28E-08
LINC00239	CMBL	-0.361	8.9E-08
LINC00239	KIAA0391	-0.36	9.52E-08
LINC00239	TPRG1	-0.36	1.02E-07
LINC00239	DNMT3L	-0.36	9.91E-08
LINC00239	CCDC15	-0.359	1.1E-07
LINC00239	ZNF564	-0.359	1.09E-07
LINC00239	TOMM70	-0.359	1.08E-07
LINC00239	ZNF425	-0.359	1.06E-07
LINC00239	DHTKD1	-0.359	1.12E-07
LINC00239	OR2C1	-0.359	1.11E-07
LINC00239	CTNNBIP1	-0.359	1.09E-07
LINC00239	RORC	-0.359	1.04E-07
LINC00239	MLXIPL	-0.358	1.16E-07
LINC00239	C16orf52	-0.357	1.33E-07
LINC00239	SETD2	-0.357	1.28E-07
LINC00239	ABHD15	-0.357	1.26E-07
LINC00239	MPP5	-0.357	1.33E-07
LINC00239	MYH7B	-0.357	1.26E-07
LINC00239	AGL	-0.357	1.26E-07
LINC00239	ZNF451	-0.357	1.26E-07
LINC00239	LMO7	-0.357	1.25E-07
LINC00239	CYP8B1	-0.357	1.25E-07
LINC00239	HOMER2	-0.357	1.35E-07
LINC00239	UPB1	-0.356	1.41E-07
LINC00239	MXI1	-0.356	1.37E-07
LINC00239	SLC16A1	-0.356	1.41E-07
LINC00239	SLC10A5	-0.356	1.37E-07
LINC00239	GOLGA6B	-0.355	1.47E-07
LINC00239	HYKK	-0.355	1.5E-07
LINC00239	EHBP1	-0.355	1.59E-07
LINC00239	SULT2A1	-0.354	1.65E-07

LINC00239	SPDYC	-0.354	1.65E-07
LINC00239	DHRS4	-0.354	1.64E-07
LINC00239	ZNF362	-0.354	1.61E-07
LINC00239	FTCDNL1	-0.354	1.64E-07
LINC00239	PEX11A	-0.353	1.85E-07
LINC00239	LARGE1	-0.353	1.83E-07
LINC00239	SLC30A10	-0.353	1.75E-07
LINC00239	AMER1	-0.353	1.84E-07
LINC00239	FBXO7	-0.352	1.98E-07
LINC00239	CLDN14	-0.352	1.94E-07
LINC00239	F5	-0.352	2.01E-07
LINC00239	SNRNP200	-0.352	2E-07
LINC00239	BTNL9	-0.352	1.98E-07
LINC00239	CHPT1	-0.352	2.06E-07
LINC00239	ALDH9A1	-0.352	1.98E-07
LINC00239	SLCO1A2	-0.352	1.9E-07
LINC00239	CLMN	-0.351	2.18E-07
LINC00239	NXF5	-0.351	2.09E-07
LINC00239	ACR	-0.351	2.25E-07
LINC00239	CCNY	-0.351	2.22E-07
LINC00239	ST7	-0.351	2.1E-07
LINC00239	MAGI1	-0.35	2.27E-07
LINC00239	PYGL	-0.35	2.38E-07
LINC00239	PPP1R10	-0.35	2.36E-07
LINC00239	MICAL3	-0.35	2.33E-07
LINC00239	CDK5RAP2	-0.35	2.43E-07
LINC00239	PPP2R5D	-0.35	2.32E-07
LINC00239	NOM1	-0.349	2.48E-07
LINC00239	SENP2	-0.349	2.62E-07
LINC00239	USP12	-0.349	2.6E-07
LINC00239	TMEM25	-0.349	2.52E-07
LINC00239	FAM214A	-0.349	2.59E-07
LINC00239	NAPEPLD	-0.349	2.58E-07
LINC00239	RNF144B	-0.349	2.55E-07
LINC00239	ACKR2	-0.348	2.87E-07
LINC00239	CREBRF	-0.348	2.79E-07
LINC00239	ACOX1	-0.348	2.89E-07
LINC00239	B3GALT1	-0.348	2.78E-07
LINC00239	NUP160	-0.347	3.01E-07
LINC00239	RNLS	-0.347	2.97E-07
LINC00239	GCLC	-0.347	3.04E-07
LINC00239	ANO6	-0.347	2.97E-07
LINC00239	CCDC170	-0.347	2.95E-07

LINC00239	ZBTB39	-0.347	3.03E-07
LINC00239	NUDCD3	-0.347	2.95E-07
LINC00239	OSGEPL1	-0.347	2.96E-07
LINC00239	ABTB2	-0.346	3.22E-07
LINC00239	ERCC4	-0.346	3.3E-07
LINC00239	LRRTM2	-0.346	3.22E-07
LINC00239	GOLGB1	-0.346	3.33E-07
LINC00239	RAPGEF2	-0.346	3.18E-07
LINC00239	UGT1A3	-0.346	3.32E-07
LINC00239	ATXN7	-0.346	3.33E-07
LINC00239	IQGAP2	-0.345	3.68E-07
LINC00239	PI4K2B	-0.345	3.56E-07
LINC00239	COL18A1	-0.345	3.66E-07
LINC00239	ZBTB20	-0.345	3.45E-07
LINC00239	GNAI1	-0.345	3.61E-07
LINC00239	CREBBP	-0.345	3.69E-07
LINC00239	EEFSEC	-0.345	3.58E-07
LINC00239	CA14	-0.345	3.5E-07
LINC00239	HEATR4	-0.345	3.52E-07
LINC00239	ZNF599	-0.344	3.8E-07
LINC00239	SFMBT1	-0.344	3.97E-07
LINC00239	GPBP1L1	-0.344	3.89E-07
LINC00239	CHERP	-0.344	3.93E-07
LINC00239	ZC3H6	-0.343	4.15E-07
LINC00239	TAF8	-0.343	4.09E-07
LINC00239	SLC2A4RG	-0.343	4.29E-07
LINC00239	NUGGC	-0.343	4.36E-07
LINC00239	SPPL2A	-0.343	4.2E-07
LINC00239	WBP1	-0.343	4.08E-07
LINC00239	CARF	-0.342	4.75E-07
LINC00239	ACADSB	-0.342	4.75E-07
LINC00239	RSPO2	-0.342	4.73E-07
LINC00239	AP002360.1	-0.341	5.14E-07
LINC00239	BICRAL	-0.341	5.02E-07
LINC00239	EHMT1	-0.341	5.12E-07
LINC00239	CAPN3	-0.341	5.07E-07
LINC00239	DHFR	-0.34	5.37E-07
LINC00239	KHK	-0.34	5.24E-07
LINC00239	VPS52	-0.34	5.59E-07
LINC00239	NUDCD2	-0.34	5.31E-07
LINC00239	GUCD1	-0.34	5.4E-07
LINC00239	ANKAR	-0.339	5.85E-07
LINC00239	MAP3K2	-0.339	5.62E-07

LINC00239	SOS1	-0.339	5.65E-07
LINC00239	PDXP	-0.339	5.72E-07
LINC00239	SNX4	-0.339	6.04E-07
LINC00239	BBS10	-0.339	5.79E-07
LINC00239	TTBK1	-0.339	5.9E-07
LINC00239	CYP4A22	-0.339	6.03E-07
LINC00239	ASB4	-0.338	6.46E-07
LINC00239	TRPM3	-0.338	6.45E-07
LINC00239	LYRM7	-0.338	6.35E-07
LINC00239	ING4	-0.338	6.35E-07
LINC00239	PEX19	-0.338	6.28E-07
LINC00239	ARHGEF9	-0.338	6.2E-07
LINC00239	CD300LG	-0.337	6.99E-07
LINC00239	ACSF2	-0.337	6.98E-07
LINC00239	ACAA1	-0.337	6.64E-07
LINC00239	TAF6L	-0.337	6.62E-07
LINC00239	PPM1A	-0.337	6.62E-07
LINC00239	KLKB1	-0.337	6.78E-07
LINC00239	PNMT	-0.337	7.13E-07
LINC00239	HSD17B8	-0.336	7.19E-07
LINC00239	DCUN1D4	-0.336	7.37E-07
LINC00239	ZXDC	-0.336	7.16E-07
LINC00239	KCNJ8	-0.336	7.4E-07
LINC00239	NCOA4	-0.336	7.36E-07
LINC00239	ATXN7L3B	-0.336	7.65E-07
LINC00239	SORBS2	-0.336	7.26E-07
LINC00239	METTL14	-0.336	7.63E-07
LINC00239	BTB	-0.336	7.44E-07
LINC00239	KMT2C	-0.335	8.29E-07
LINC00239	TAF9B	-0.335	8.34E-07
LINC00239	PAXIP1	-0.335	8.07E-07
LINC00239	PRKAB2	-0.334	8.54E-07
LINC00239	AASS	-0.334	8.47E-07
LINC00239	CUX2	-0.334	8.8E-07
LINC00239	GLYAT	-0.334	9E-07
LINC00239	CDH23	-0.334	8.67E-07
LINC00239	CFAP70	-0.334	8.96E-07
LINC00239	CEP70	-0.334	8.91E-07
LINC00239	ACOX2	-0.334	8.81E-07
LINC00239	SULT1E1	-0.334	9.05E-07
LINC00239	HSDL2	-0.334	8.77E-07
LINC00239	FAM126B	-0.334	8.48E-07
LINC00239	SH3D19	-0.334	8.42E-07

LINC00239	CSAD	-0.334	8.6E-07
LINC00239	RGSL1	-0.333	9.74E-07
LINC00239	PCK2	-0.333	9.78E-07
LINC00239	EML6	-0.333	9.79E-07
LINC00239	HAAO	-0.333	9.66E-07
LINC00239	SMC6	-0.333	9.76E-07
LINC00239	NR3C1	-0.333	9.17E-07
LINC00239	IQCH	-0.332	1.01E-06
LINC00239	SSTR1	-0.332	1.06E-06
LINC00239	EPHX1	-0.332	9.88E-07
LINC00239	PROK1	-0.332	1.05E-06
LINC00239	GRPR	-0.332	1.04E-06
LINC00239	MBTD1	-0.332	9.85E-07
LINC00239	KANK2	-0.332	1.02E-06
LINC00239	BHMT	-0.332	1.04E-06
LINC00239	IKZF5	-0.332	1.05E-06
LINC00239	GREB1L	-0.332	1.05E-06
LINC00239	SVOP	-0.331	1.11E-06
LINC00239	43165	-0.331	1.12E-06
LINC00239	ARIH1	-0.331	1.07E-06
LINC00239	ABCB11	-0.331	1.12E-06
LINC00239	CDKL5	-0.331	1.12E-06
LINC00239	AARS2	-0.331	1.11E-06
LINC00239	AR	-0.331	1.08E-06
LINC00239	NRIP1	-0.33	1.19E-06
LINC00239	ASMTL	-0.33	1.2E-06
LINC00239	GPRASP2	-0.33	1.21E-06
LINC00239	RALGPS2	-0.33	1.18E-06
LINC00239	LRTOMT	-0.33	1.18E-06
LINC00239	KLHL24	-0.33	1.19E-06
LINC00239	TXNDC16	-0.33	1.21E-06
LINC00239	ERI2	-0.33	1.23E-06
LINC00239	SLTM	-0.329	1.27E-06
LINC00239	INSIG2	-0.329	1.3E-06
LINC00239	ZNF318	-0.329	1.28E-06
LINC00239	ZBED3	-0.329	1.27E-06
LINC00239	FAM200B	-0.329	1.29E-06
LINC00239	ISPD	-0.329	1.26E-06
LINC00239	DBT	-0.329	1.33E-06
LINC00239	MSH3	-0.329	1.3E-06
LINC00239	LIME1	-0.328	1.43E-06
LINC00239	GAB1	-0.328	1.42E-06
LINC00239	FAM186B	-0.328	1.43E-06

LINC00239	THNSL2	-0.328	1.44E-06
LINC00239	PTPN4	-0.328	1.45E-06
LINC00239	PEBP1	-0.327	1.53E-06
LINC00239	NKIRAS1	-0.327	1.55E-06
LINC00239	HNMT	-0.327	1.57E-06
LINC00239	SC5D	-0.327	1.53E-06
LINC00239	ONECUT2	-0.327	1.56E-06
LINC00239	SUGCT	-0.326	1.62E-06
LINC00239	TTC36	-0.326	1.64E-06
LINC00239	PHF8	-0.326	1.6E-06
LINC00239	PIPOX	-0.326	1.63E-06
LINC00239	ECM2	-0.326	1.58E-06
LINC00239	AMPD2	-0.326	1.61E-06
LINC00239	TOPORS	-0.326	1.7E-06
LINC00239	ZFYVE1	-0.326	1.58E-06
LINC00239	DCAF5	-0.326	1.59E-06
LINC00239	AC055811.2	-0.326	1.68E-06
LINC00239	GPIHBP1	-0.326	1.68E-06
LINC00239	TAB2	-0.325	1.77E-06
LINC00239	SPSB3	-0.325	1.71E-06
LINC00239	COL25A1	-0.325	1.83E-06
LINC00239	TRIM52	-0.325	1.74E-06
LINC00239	AHNAK	-0.325	1.75E-06
LINC00239	A1CF	-0.325	1.8E-06
LINC00239	NR1I3	-0.325	1.83E-06
LINC00239	MTMR4	-0.325	1.82E-06
LINC00239	SRD5A1	-0.325	1.73E-06
LINC00239	C2orf69	-0.325	1.74E-06
LINC00239	CCDC117	-0.325	1.82E-06
LINC00239	ANKRD26	-0.324	1.93E-06
LINC00239	KNG1	-0.324	1.86E-06
LINC00239	PGBD4	-0.324	1.86E-06
LINC00239	PGM1	-0.324	1.87E-06
LINC00239	ZNF510	-0.324	1.91E-06
LINC00239	LZTS3	-0.324	1.97E-06
LINC00239	KLF9	-0.323	2.01E-06
LINC00239	PPTC7	-0.323	2.13E-06
LINC00239	EXPH5	-0.323	2.03E-06
LINC00239	GRHPR	-0.323	2.11E-06
LINC00239	WDR7	-0.323	2.11E-06
LINC00239	C1orf112	-0.323	2.09E-06
LINC00239	IREB2	-0.322	2.16E-06
LINC00239	CD36	-0.322	2.24E-06

LINC00239	PURA	-0.322	2.28E-06
LINC00239	LNPK	-0.322	2.2E-06
LINC00239	UBN2	-0.322	2.28E-06
LINC00239	ST3GAL6	-0.322	2.17E-06
LINC00239	GTPBP10	-0.322	2.2E-06
LINC00239	RXRA	-0.321	2.43E-06
LINC00239	WDR5B	-0.321	2.36E-06
LINC00239	ELOVL2	-0.321	2.45E-06
LINC00239	GALR3	-0.321	2.39E-06
LINC00239	TMEM143	-0.321	2.41E-06
LINC00239	ASTN2	-0.321	2.35E-06
LINC00239	SFXN2	-0.321	2.47E-06
LINC00239	EPHX2	-0.321	2.47E-06
LINC00239	PTPN21	-0.321	2.34E-06
LINC00239	REV1	-0.321	2.45E-06
LINC00239	C12orf29	-0.321	2.48E-06
LINC00239	CECR2	-0.321	2.46E-06
LINC00239	ZFAND4	-0.32	2.69E-06
LINC00239	FAM213A	-0.32	2.54E-06
LINC00239	FBXL20	-0.32	2.54E-06
LINC00239	FAM47E	-0.32	2.6E-06
LINC00239	FMO3	-0.32	2.54E-06
LINC00239	CYP4F12	-0.32	2.57E-06
LINC00239	MET	-0.32	2.57E-06
LINC00239	TERB2	-0.32	2.62E-06
LINC00239	ABHD12B	-0.319	2.75E-06
LINC00239	H2AFV	-0.319	2.88E-06
LINC00239	TEAD1	-0.319	2.82E-06
LINC00239	TUBGCP4	-0.319	2.73E-06
LINC00239	NDUFA5	-0.319	2.75E-06
LINC00239	ZNF3	-0.319	2.87E-06
LINC00239	USH2A	-0.319	2.91E-06
LINC00239	FAXDC2	-0.319	2.8E-06
LINC00239	AMBRA1	-0.319	2.78E-06
LINC00239	APBA1	-0.319	2.79E-06
LINC00239	CYP4A11	-0.319	2.89E-06
LINC00239	MYNN	-0.318	3.07E-06
LINC00239	SLC27A5	-0.318	2.99E-06
LINC00239	FLJ22763	-0.318	3.02E-06
LINC00239	FNIP1	-0.317	3.25E-06
LINC00239	AUTS2	-0.317	3.26E-06
LINC00239	ABHD10	-0.317	3.23E-06
LINC00239	MRPL49	-0.317	3.26E-06

LINC00239	PRKAG2	-0.316	3.55E-06
LINC00239	TRO	-0.316	3.61E-06
LINC00239	PARP16	-0.316	3.64E-06
LINC00239	ATRN	-0.316	3.48E-06
LINC00239	VWA8	-0.316	3.39E-06
LINC00239	USP49	-0.316	3.59E-06
LINC00239	ALDH2	-0.316	3.55E-06
LINC00239	PPP3R1	-0.316	3.44E-06
LINC00239	KANSL1L	-0.316	3.45E-06
LINC00239	MFSD14C	-0.315	3.9E-06
LINC00239	SPATA25	-0.315	3.86E-06
LINC00239	C17orf113	-0.315	3.66E-06
LINC00239	ZNF282	-0.315	3.88E-06
LINC00239	FERMT2	-0.315	3.7E-06
LINC00239	BAZ1B	-0.315	3.83E-06
LINC00239	GSTK1	-0.315	3.73E-06
LINC00239	WDR31	-0.315	3.91E-06
LINC00239	GABPB1	-0.315	3.86E-06
LINC00239	SERPINC1	-0.315	3.65E-06
LINC00239	C11orf71	-0.315	3.81E-06
LINC00239	TRIM3	-0.314	4.18E-06
LINC00239	GPAM	-0.314	4.06E-06
LINC00239	ADI1	-0.314	4.04E-06
LINC00239	KBTD7	-0.314	4.22E-06
LINC00239	SLC6A12	-0.314	4.23E-06
LINC00239	THTPA	-0.314	4.12E-06
LINC00239	FZD4	-0.314	4.07E-06
LINC00239	SH2D4A	-0.314	4.13E-06
LINC00239	MICU1	-0.314	4.16E-06
LINC00239	GANAB	-0.314	3.97E-06
LINC00239	CNKSR2	-0.314	3.98E-06
LINC00239	FAM221B	-0.314	4.19E-06
LINC00239	KLF15	-0.314	4.04E-06
LINC00239	TTC32	-0.313	4.27E-06
LINC00239	TOM1L1	-0.313	4.27E-06
LINC00239	NFIC	-0.313	4.28E-06
LINC00239	FAM8A1	-0.313	4.39E-06
LINC00239	ARNT	-0.312	4.86E-06
LINC00239	AL136295.3	-0.312	4.73E-06
LINC00239	SLC22A2	-0.312	4.86E-06
LINC00239	CYP2A6	-0.312	4.75E-06
LINC00239	DHX16	-0.312	4.67E-06
LINC00239	PARP2	-0.312	4.56E-06

LINC00239	OXSR1	-0.312	4.72E-06
LINC00239	SLC35D1	-0.312	4.75E-06
LINC00239	MAST3	-0.312	4.75E-06
LINC00239	MYO5B	-0.312	4.72E-06
LINC00239	ZNF777	-0.312	4.67E-06
LINC00239	ERMAP	-0.312	4.9E-06
LINC00239	STARD13	-0.312	4.57E-06
LINC00239	UBE3A	-0.311	5.21E-06
LINC00239	ATF7IP	-0.311	5.24E-06
LINC00239	TBCCD1	-0.311	5.16E-06
LINC00239	AL139353.1	-0.311	5.26E-06
LINC00239	IL27	-0.311	5.05E-06
LINC00239	ZNF648	-0.311	4.94E-06
LINC00239	NEDD4	-0.311	5.06E-06
LINC00239	HBP1	-0.311	5.24E-06
LINC00239	AAAS	-0.311	5.16E-06
LINC00239	TTC33	-0.311	5.13E-06
LINC00239	DSP	-0.311	5.01E-06
LINC00239	MRO	-0.311	4.99E-06
LINC00239	ATP6V0E2	-0.31	5.44E-06
LINC00239	PUM2	-0.31	5.32E-06
LINC00239	TIPARP	-0.31	5.3E-06
LINC00239	ATXN1L	-0.31	5.36E-06
LINC00239	CBX7	-0.31	5.35E-06
LINC00239	ERC1	-0.31	5.33E-06
LINC00239	TSPAN9	-0.31	5.3E-06
LINC00239	KDM5A	-0.31	5.42E-06
LINC00239	G3BP1	-0.31	5.59E-06
LINC00239	FBXL17	-0.31	5.63E-06
LINC00239	ZNF181	-0.309	6.05E-06
LINC00239	DEK	-0.309	5.98E-06
LINC00239	CDC5L	-0.309	6.06E-06
LINC00239	OPA1	-0.309	6.01E-06
LINC00239	ASCL1	-0.309	5.87E-06
LINC00239	SPP2	-0.309	5.85E-06
LINC00239	LONRF3	-0.309	5.76E-06
LINC00239	ZBTB3	-0.309	5.77E-06
LINC00239	C16orf58	-0.309	5.81E-06
LINC00239	MYH3	-0.309	5.94E-06
LINC00239	PALMD	-0.309	6.05E-06
LINC00239	CES2	-0.309	5.88E-06
LINC00239	CLOCK	-0.309	5.85E-06
LINC00239	CDS2	-0.309	5.75E-06

LINC00239	ZNF24	-0.308	6.54E-06
LINC00239	KIAA1161	-0.308	6.53E-06
LINC00239	CDC23	-0.308	6.15E-06
LINC00239	UBR3	-0.308	6.3E-06
LINC00239	RC3H1	-0.308	6.45E-06
LINC00239	SIN3A	-0.308	6.28E-06
LINC00239	MAN2A1	-0.307	6.96E-06
LINC00239	PCOLCE2	-0.307	7.03E-06
LINC00239	NEK9	-0.307	7.05E-06
LINC00239	MAN2C1	-0.307	6.92E-06
LINC00239	TBC1D23	-0.307	6.96E-06
LINC00239	EIF4A2	-0.307	6.71E-06
LINC00239	ARID1A	-0.307	6.79E-06
LINC00239	GARNL3	-0.307	6.76E-06
LINC00239	CCDC142	-0.307	6.58E-06
LINC00239	PCDH20	-0.306	7.3E-06
LINC00239	EMSY	-0.306	7.1E-06
LINC00239	LINC01125	-0.306	7.58E-06
LINC00239	STK36	-0.306	7.07E-06
LINC00239	PANK3	-0.306	7.14E-06
LINC00239	PATZ1	-0.306	7.33E-06
LINC00239	NUDT6	-0.306	7.39E-06
LINC00239	C9orf72	-0.306	7.07E-06
LINC00239	ZSCAN25	-0.306	7.07E-06
LINC00239	FAM175A	-0.306	7.35E-06
LINC00239	USP8	-0.306	7.3E-06
LINC00239	RNF217	-0.306	7.36E-06
LINC00239	CPEB2	-0.305	7.71E-06
LINC00239	JADE3	-0.305	8.01E-06
LINC00239	PSD3	-0.305	7.93E-06
LINC00239	RANBP10	-0.305	7.92E-06
LINC00239	TTBK2	-0.305	7.97E-06
LINC00239	RALBP1	-0.305	8.04E-06
LINC00239	ELFN1	-0.305	8.07E-06
LINC00239	ACSM2B	-0.305	8.15E-06
LINC00239	SEC31B	-0.305	7.98E-06
LINC00239	PRKCA	-0.305	7.7E-06
LINC00239	TSSK3	-0.305	7.82E-06
LINC00239	SUV39H1	-0.305	7.64E-06
LINC00239	TAOK3	-0.305	7.73E-06
LINC00239	HECTD4	-0.305	7.86E-06
LINC00239	CYP2B6	-0.304	8.38E-06
LINC00239	MTSS1	-0.304	8.56E-06

LINC00239	CYP20A1	-0.304	8.22E-06
LINC00239	TTC30A	-0.304	8.7E-06
LINC00239	RBSN	-0.304	8.33E-06
LINC00239	TBL1X	-0.304	8.21E-06
LINC00239	FAM161A	-0.304	8.29E-06
LINC00239	IDNK	-0.304	8.3E-06
LINC00239	PHF7	-0.304	8.63E-06
LINC00239	AKR1D1	-0.304	8.42E-06
LINC00239	TSHZ1	-0.304	8.26E-06
LINC00239	DHX36	-0.304	8.32E-06
LINC00239	TEX43	-0.304	8.76E-06
LINC00239	ZC3H7B	-0.303	8.95E-06
LINC00239	CCDC126	-0.303	9.06E-06
LINC00239	ZBED1	-0.303	9.09E-06
LINC00239	MROH2A	-0.303	8.79E-06
LINC00239	APOOL	-0.303	8.79E-06
LINC00239	ASB7	-0.303	8.78E-06
LINC00239	ACADM	-0.303	9.33E-06
LINC00239	SARDH	-0.303	9.41E-06
LINC00239	GTF2IRD2B	-0.303	9.34E-06
LINC00239	PKN2	-0.303	8.9E-06
LINC00239	ROCK2	-0.302	1E-05
LINC00239	AGO1	-0.302	9.53E-06
LINC00239	GHR	-0.302	9.6E-06
LINC00239	IQSEC1	-0.302	9.47E-06
LINC00239	IL17RC	-0.302	9.95E-06
LINC00239	NBR1	-0.302	9.82E-06
LINC00239	IVD	-0.302	9.77E-06
LINC00239	FAAH	-0.302	9.64E-06
LINC00239	ACBD5	-0.302	9.66E-06
LINC00239	PRPSAP1	-0.302	9.76E-06
LINC00239	TMEM192	-0.302	9.77E-06
LINC00239	LIPG	-0.301	1.02E-05
LINC00239	CENPC	-0.301	1.04E-05
LINC00239	ANKRD46	-0.301	1.07E-05
LINC00239	PBRM1	-0.301	1.06E-05
LINC00239	SLC47A1	-0.301	1.04E-05
LINC00239	CAPN7	-0.301	1.05E-05
LINC00239	ZNF17	-0.301	1.08E-05
LINC00239	ANO1	-0.301	1.09E-05
LINC00239	MLIP	-0.301	1.05E-05
LINC00239	ACSM5	-0.301	1.01E-05
LINC00239	DNAH1	-0.301	1.03E-05

LINC00239	ASCL2	0.301	1.05E-05
LINC00239	IKZF3	0.301	1.07E-05
LINC00239	CUEDC1	0.301	1.01E-05
LINC00239	FCRL2	0.301	1.04E-05
LINC00239	SH3TC1	0.301	1.02E-05
LINC00239	NTNG2	0.302	9.76E-06
LINC00239	OXCT2	0.302	9.83E-06
LINC00239	TMPRSS13	0.302	9.59E-06
LINC00239	ITPKC	0.302	9.82E-06
LINC00239	EVI2B	0.302	9.49E-06
LINC00239	NPFFR1	0.302	9.49E-06
LINC00239	IGLL5	0.302	9.83E-06
LINC00239	WNT9A	0.302	9.45E-06
LINC00239	CXCL5	0.302	9.46E-06
LINC00239	CACNA1D	0.303	8.78E-06
LINC00239	MMP2	0.303	8.91E-06
LINC00239	DLGAP1	0.303	9E-06
LINC00239	TIMP2	0.303	8.99E-06
LINC00239	PLPP2	0.303	9.01E-06
LINC00239	ST6GALNAC5	0.303	8.85E-06
LINC00239	ERICH5	0.303	9.4E-06
LINC00239	TNFAIP8L2	0.303	8.8E-06
LINC00239	MAP9	0.303	9.29E-06
LINC00239	NLRC4	0.303	8.94E-06
LINC00239	HSP90B1	0.303	9.31E-06
LINC00239	MSANTD3	0.303	9.2E-06
LINC00239	GZMM	0.304	8.27E-06
LINC00239	NT5C3A	0.304	8.23E-06
LINC00239	PTGFRN	0.304	8.36E-06
LINC00239	GRIN1	0.304	8.62E-06
LINC00239	SH2D3A	0.304	8.69E-06
LINC00239	CPD	0.304	8.69E-06
LINC00239	LOXL4	0.304	8.39E-06
LINC00239	ATP2B4	0.304	8.62E-06
LINC00239	TNFRSF21	0.304	8.55E-06
LINC00239	AC110814.1	0.304	8.74E-06
LINC00239	CDH3	0.304	8.18E-06
LINC00239	CHD5	0.304	8.64E-06
LINC00239	MGAT3	0.305	7.73E-06
LINC00239	CDH15	0.305	8.03E-06
LINC00239		43344	7.85E-06
LINC00239	EPCAM	0.305	7.78E-06
LINC00239	TOR2A	0.305	7.99E-06

LINC00239	PDE1C	0.305	7.79E-06
LINC00239	MICALL2	0.305	7.63E-06
LINC00239	TACSTD2	0.305	7.72E-06
LINC00239	TAGLN2	0.306	7.2E-06
LINC00239	ITGAX	0.306	7.36E-06
LINC00239	CD177	0.306	7.13E-06
LINC00239	RTL8C	0.306	7.28E-06
LINC00239	PTGER1	0.306	7.24E-06
LINC00239	FGR	0.306	7.4E-06
LINC00239	DYDC2	0.306	7.16E-06
LINC00239	EIF2S2	0.306	7.22E-06
LINC00239	LILRA4	0.306	7.26E-06
LINC00239	ADGRE2	0.307	6.89E-06
LINC00239	GLIS2	0.307	6.91E-06
LINC00239	GLI2	0.307	6.86E-06
LINC00239	TNFAIP2	0.307	6.82E-06
LINC00239	LZTS1	0.307	6.83E-06
LINC00239	PTPN6	0.307	6.67E-06
LINC00239	IFNGR2	0.307	6.93E-06
LINC00239	STAT4	0.307	6.98E-06
LINC00239	ZSWIM4	0.307	6.75E-06
LINC00239	TLR2	0.307	7.05E-06
LINC00239	ST6GALNAC1	0.307	6.69E-06
LINC00239	ARHGEF38	0.307	6.87E-06
LINC00239	CNTNAP1	0.307	6.71E-06
LINC00239	BANK1	0.307	6.59E-06
LINC00239	UNC13A	0.307	6.99E-06
LINC00239	BIRC7	0.307	6.64E-06
LINC00239	HPSE	0.308	6.35E-06
LINC00239	TUBA1A	0.308	6.23E-06
LINC00239	RASSF6	0.308	6.4E-06
LINC00239	RBCK1	0.308	6.15E-06
LINC00239	GATA3	0.308	6.47E-06
LINC00239	CKAP4	0.308	6.4E-06
LINC00239	GABRD	0.308	6.17E-06
LINC00239	ATP6V0B	0.308	6.33E-06
LINC00239	KCNJ11	0.308	6.36E-06
LINC00239	PIK3R5	0.308	6.49E-06
LINC00239	BBC3	0.308	6.5E-06
LINC00239	PRMT2	0.308	6.23E-06
LINC00239	LLPH	0.308	6.44E-06
LINC00239	ICOS	0.308	6.32E-06
LINC00239	MEIS3	0.308	6.33E-06

LINC00239	GNAZ	0.308	6.28E-06
LINC00239	FAIM2	0.308	6.38E-06
LINC00239	VSX1	0.308	6.32E-06
LINC00239	APOA4	0.309	5.73E-06
LINC00239	PON2	0.309	5.8E-06
LINC00239	STX6	0.309	5.86E-06
LINC00239	APBB1IP	0.309	6.08E-06
LINC00239	SOCS3	0.309	5.86E-06
LINC00239	PTPN22	0.309	5.76E-06
LINC00239	LANCL3	0.309	5.99E-06
LINC00239	RNF24	0.309	5.71E-06
LINC00239	TPBG	0.31	5.67E-06
LINC00239	SPATA6L	0.31	5.64E-06
LINC00239	SMIM20	0.31	5.55E-06
LINC00239	SAMD5	0.31	5.42E-06
LINC00239	SH3BP1	0.31	5.53E-06
LINC00239	ASPG	0.31	5.63E-06
LINC00239	RENBP	0.31	5.34E-06
LINC00239	APOBR	0.31	5.56E-06
LINC00239	CXCL8	0.31	5.6E-06
LINC00239	WAS	0.311	4.94E-06
LINC00239	PHEX	0.311	5E-06
LINC00239	ZBP1	0.311	5.26E-06
LINC00239	ARPC2	0.311	5.25E-06
LINC00239	FUCA2	0.311	5.09E-06
LINC00239	GGN	0.311	5.27E-06
LINC00239	MMP10	0.311	4.99E-06
LINC00239	BATF3	0.311	5.06E-06
LINC00239	SQOR	0.311	5.2E-06
LINC00239	GDA	0.311	5.08E-06
LINC00239	SRM	0.311	5.22E-06
LINC00239	LAX1	0.311	5.2E-06
LINC00239	CD207	0.311	5.14E-06
LINC00239	RASGRP1	0.311	5.18E-06
LINC00239	MGAT5	0.311	4.97E-06
LINC00239	IL10RA	0.311	5.03E-06
LINC00239	MB21D2	0.311	4.92E-06
LINC00239	MED10	0.311	5.26E-06
LINC00239	PRRX2	0.312	4.83E-06
LINC00239	BAIAP2L2	0.312	4.86E-06
LINC00239	SOD3	0.312	4.77E-06
LINC00239	TXNDC17	0.312	4.69E-06
LINC00239	RASSF7	0.312	4.65E-06

LINC00239	FBLIM1	0.312	4.74E-06
LINC00239	ARHGEF4	0.312	4.81E-06
LINC00239	TAGAP	0.312	4.83E-06
LINC00239	THEMIS2	0.312	4.83E-06
LINC00239	ZFP92	0.312	4.79E-06
LINC00239	GPNMB	0.312	4.8E-06
LINC00239	EBI3	0.312	4.56E-06
LINC00239	ANXA4	0.312	4.74E-06
LINC00239	FNDC10	0.312	4.85E-06
LINC00239	MARCKS	0.312	4.6E-06
LINC00239	PLA2G2D	0.312	4.84E-06
LINC00239	LDLRAD1	0.313	4.41E-06
LINC00239	GJB3	0.313	4.23E-06
LINC00239	PTGIR	0.313	4.41E-06
LINC00239	ASPHD2	0.313	4.24E-06
LINC00239	SEZ6L2	0.313	4.52E-06
LINC00239	PPP1R14B	0.313	4.52E-06
LINC00239	ITGB8	0.313	4.29E-06
LINC00239	VNN3	0.313	4.45E-06
LINC00239	ADM2	0.313	4.28E-06
LINC00239	IKZF1	0.313	4.54E-06
LINC00239	CD59	0.313	4.51E-06
LINC00239	F3	0.313	4.32E-06
LINC00239	BTLA	0.313	4.46E-06
LINC00239	PKP3	0.314	3.99E-06
LINC00239	ATP8B3	0.314	3.95E-06
LINC00239	LCP2	0.314	4.07E-06
LINC00239	TSPO	0.314	3.97E-06
LINC00239	M1AP	0.314	4.06E-06
LINC00239	WNK2	0.314	4.14E-06
LINC00239	RNF122	0.314	4.11E-06
LINC00239	PMP22	0.314	4.16E-06
LINC00239	GIT1	0.314	4.08E-06
LINC00239	SMIM10	0.314	4E-06
LINC00239	CXCR6	0.314	4.23E-06
LINC00239	BPIFB2	0.314	3.95E-06
LINC00239	NPTX2	0.314	4.12E-06
LINC00239	COL16A1	0.314	4.13E-06
LINC00239	BMPR1B	0.314	4.21E-06
LINC00239	MUC3A	0.314	4.12E-06
LINC00239	RIMS3	0.314	3.94E-06
LINC00239	PRAF2	0.314	4.05E-06
LINC00239	IL3RA	0.314	4.21E-06

LINC00239	CLIC1	0.314	4.17E-06
LINC00239	BICD1	0.314	3.94E-06
LINC00239	ARPC5L	0.315	3.68E-06
LINC00239	MUC12	0.315	3.79E-06
LINC00239	GJC2	0.315	3.89E-06
LINC00239	STAB1	0.315	3.8E-06
LINC00239	SLC4A3	0.315	3.81E-06
LINC00239	PRKX	0.315	3.84E-06
LINC00239	PRDM8	0.315	3.73E-06
LINC00239	TUBB3	0.315	3.69E-06
LINC00239	HCAR3	0.315	3.77E-06
LINC00239	EMILIN1	0.316	3.51E-06
LINC00239	LGALS2	0.316	3.51E-06
LINC00239	DENND2D	0.316	3.54E-06
LINC00239	LYN	0.316	3.47E-06
LINC00239	TTYH1	0.316	3.42E-06
LINC00239	SOD2	0.316	3.45E-06
LINC00239	VSIG10L	0.316	3.59E-06
LINC00239	IQGAP1	0.317	3.15E-06
LINC00239	CD300A	0.317	3.29E-06
LINC00239	KMT5A	0.317	3.36E-06
LINC00239	TSC22D4	0.317	3.26E-06
LINC00239	RNASET2	0.317	3.2E-06
LINC00239	NECTIN2	0.317	3.22E-06
LINC00239	LAMA1	0.317	3.25E-06
LINC00239	DGKZ	0.317	3.3E-06
LINC00239	CD96	0.317	3.29E-06
LINC00239	MCOLN2	0.317	3.27E-06
LINC00239	GLIS3	0.318	2.96E-06
LINC00239	PODNL1	0.318	2.95E-06
LINC00239	PLBD1	0.318	2.97E-06
LINC00239	KCNH4	0.318	3.13E-06
LINC00239	TRIM15	0.318	3.02E-06
LINC00239	SRGN	0.318	3.06E-06
LINC00239	HNF1B	0.318	2.97E-06
LINC00239	LDHA	0.318	3E-06
LINC00239	ZDHHC7	0.318	3.02E-06
LINC00239	CXCL1	0.318	3.04E-06
LINC00239	FANK1	0.318	2.96E-06
LINC00239	GUCY2C	0.318	3.09E-06
LINC00239	SMARCA5	0.319	2.76E-06
LINC00239	PPP1R14D	0.319	2.8E-06
LINC00239	TEAD2	0.319	2.83E-06

LINC00239	VAV1	0.319	2.78E-06
LINC00239	TC2N	0.319	2.86E-06
LINC00239	EPHB3	0.319	2.74E-06
LINC00239	SEMA3C	0.319	2.71E-06
LINC00239	TINAG	0.319	2.77E-06
LINC00239	SCML4	0.319	2.79E-06
LINC00239	MARCKSL1	0.32	2.69E-06
LINC00239	SPRY4	0.32	2.52E-06
LINC00239	KLRG1	0.32	2.57E-06
LINC00239	WDFY4	0.32	2.53E-06
LINC00239	ARMCX6	0.32	2.52E-06
LINC00239	CCDC88C	0.32	2.66E-06
LINC00239	S100A2	0.32	2.55E-06
LINC00239	STXBP2	0.321	2.47E-06
LINC00239	SEMA4A	0.321	2.45E-06
LINC00239	CARMIL1	0.321	2.44E-06
LINC00239	PCYOX1L	0.321	2.41E-06
LINC00239	SIRPB2	0.321	2.48E-06
LINC00239	EHBP1L1	0.321	2.41E-06
LINC00239	AMIGO2	0.321	2.39E-06
LINC00239	PDP1	0.321	2.33E-06
LINC00239	ATP2C2	0.321	2.5E-06
LINC00239	ZC3H12D	0.321	2.34E-06
LINC00239	WFDC1	0.322	2.22E-06
LINC00239	MAPK13	0.322	2.26E-06
LINC00239	EREG	0.322	2.16E-06
LINC00239	CDHR2	0.322	2.22E-06
LINC00239	AHNAK2	0.322	2.15E-06
LINC00239	PGF	0.322	2.18E-06
LINC00239	IQCD	0.322	2.22E-06
LINC00239	RANGRF	0.322	2.16E-06
LINC00239	ARL4C	0.322	2.22E-06
LINC00239	OXTR	0.322	2.21E-06
LINC00239	ICAM1	0.322	2.15E-06
LINC00239	FAM102B	0.322	2.26E-06
LINC00239	BNC2	0.322	2.25E-06
LINC00239	KLRB1	0.322	2.17E-06
LINC00239	ABCG1	0.322	2.26E-06
LINC00239	GALNT18	0.322	2.15E-06
LINC00239	LRRC1	0.322	2.28E-06
LINC00239	C3orf80	0.323	2.04E-06
LINC00239	WIPF3	0.323	2.12E-06
LINC00239	SEMA6A	0.323	2.02E-06

LINC00239	GIPR	0.323	2.01E-06
LINC00239	ARHGAP15	0.323	2.02E-06
LINC00239	CLEC17A	0.323	2.01E-06
LINC00239	ADGRB1	0.323	2.08E-06
LINC00239	ASRGL1	0.323	2.04E-06
LINC00239	EFEMP2	0.323	2.06E-06
LINC00239	VMO1	0.323	2.1E-06
LINC00239	PLXDC1	0.324	1.89E-06
LINC00239	LPAR1	0.324	1.94E-06
LINC00239	LOXL1	0.324	1.93E-06
LINC00239	ARMCX3	0.324	1.95E-06
LINC00239	GNG5	0.324	1.87E-06
LINC00239	SHC1	0.324	1.97E-06
LINC00239	PSMD9	0.324	1.97E-06
LINC00239	VILL	0.324	1.94E-06
LINC00239	FCGBP	0.324	1.87E-06
LINC00239	PTGER4	0.324	1.84E-06
LINC00239	LXN	0.325	1.74E-06
LINC00239	WIPF1	0.325	1.8E-06
LINC00239	DUOX2	0.325	1.81E-06
LINC00239	FCMR	0.325	1.81E-06
LINC00239	F2RL2	0.325	1.84E-06
LINC00239	PRR26	0.325	1.78E-06
LINC00239	CXCR3	0.325	1.76E-06
LINC00239	ID1	0.325	1.79E-06
LINC00239	SMG9	0.326	1.63E-06
LINC00239	PLEKHG2	0.326	1.69E-06
LINC00239	RTL8A	0.326	1.59E-06
LINC00239	HOMER1	0.326	1.66E-06
LINC00239	CABYR	0.326	1.67E-06
LINC00239	GPC4	0.326	1.63E-06
LINC00239	COL4A2	0.326	1.69E-06
LINC00239	COL1A2	0.326	1.58E-06
LINC00239	TESPA1	0.326	1.68E-06
LINC00239	DNER	0.326	1.61E-06
LINC00239	TRPV2	0.326	1.7E-06
LINC00239	COMMD8	0.326	1.61E-06
LINC00239	PSMD14	0.326	1.67E-06
LINC00239	PLPP4	0.326	1.7E-06
LINC00239	ATP13A2	0.327	1.52E-06
LINC00239	SLC28A3	0.327	1.53E-06
LINC00239	KRT8	0.327	1.54E-06
LINC00239	LAMP5	0.327	1.56E-06

LINC00239	CCDC136	0.327	1.49E-06
LINC00239	KRT18	0.327	1.53E-06
LINC00239	ASB2	0.327	1.5E-06
LINC00239	TMIGD2	0.327	1.57E-06
LINC00239	RUBCNL	0.327	1.5E-06
LINC00239	FLOT2	0.327	1.52E-06
LINC00239	SERPINA1	0.327	1.47E-06
LINC00239	CD86	0.327	1.46E-06
LINC00239	BTG1	0.327	1.5E-06
LINC00239	MYBPC2	0.327	1.53E-06
LINC00239	CCR7	0.327	1.5E-06
LINC00239	RAB36	0.327	1.48E-06
LINC00239	NEFH	0.327	1.57E-06
LINC00239	C20orf24	0.327	1.56E-06
LINC00239	CDCP1	0.327	1.46E-06
LINC00239	FAM213B	0.328	1.45E-06
LINC00239	KIFC3	0.328	1.4E-06
LINC00239	LAD1	0.328	1.4E-06
LINC00239	LGR6	0.328	1.38E-06
LINC00239	GLRX3	0.328	1.46E-06
LINC00239	PDK3	0.328	1.44E-06
LINC00239	IGFL2	0.328	1.41E-06
LINC00239	TYROBP	0.328	1.37E-06
LINC00239	TNIP3	0.328	1.4E-06
LINC00239	CYBB	0.328	1.42E-06
LINC00239	KLF16	0.329	1.28E-06
LINC00239	BICDL1	0.329	1.31E-06
LINC00239	TLDC2	0.329	1.28E-06
LINC00239	CHI3L2	0.329	1.32E-06
LINC00239	SERTAD1	0.329	1.27E-06
LINC00239	GPR85	0.329	1.31E-06
LINC00239	CMTM3	0.33	1.2E-06
LINC00239	ACTG1	0.33	1.19E-06
LINC00239	CD63	0.33	1.18E-06
LINC00239	BICDL2	0.33	1.24E-06
LINC00239	RASGEF1A	0.33	1.21E-06
LINC00239	CCDC149	0.33	1.17E-06
LINC00239	SYT5	0.33	1.16E-06
LINC00239	RDH12	0.33	1.19E-06
LINC00239	SYCE1L	0.33	1.23E-06
LINC00239	ACSS1	0.33	1.23E-06
LINC00239	APCDD1L	0.33	1.18E-06
LINC00239	TPRN	0.33	1.21E-06

LINC00239	C11orf45	0.33	1.19E-06
LINC00239	MPV17	0.33	1.21E-06
LINC00239	GRIN2D	0.33	1.18E-06
LINC00239	MNDA	0.33	1.17E-06
LINC00239	C10orf90	0.331	1.13E-06
LINC00239	NHLRC4	0.331	1.09E-06
LINC00239	GYPC	0.331	1.1E-06
LINC00239	MIDN	0.331	1.08E-06
LINC00239	RASA3	0.331	1.08E-06
LINC00239	ABR	0.331	1.14E-06
LINC00239	P2RY6	0.331	1.14E-06
LINC00239	TNFAIP6	0.331	1.12E-06
LINC00239	PMAIP1	0.331	1.15E-06
LINC00239	SLC9A9	0.331	1.09E-06
LINC00239	CACNB1	0.331	1.15E-06
LINC00239	PDE6B	0.331	1.09E-06
LINC00239	MAL2	0.331	1.09E-06
LINC00239	ETV6	0.331	1.15E-06
LINC00239	ANO4	0.332	1.03E-06
LINC00239	CD3G	0.332	9.87E-07
LINC00239	CD27	0.332	1E-06
LINC00239	LY86	0.332	1.06E-06
LINC00239	FKBP11	0.332	1.03E-06
LINC00239	KCNH3	0.332	1.04E-06
LINC00239	WDR54	0.332	9.86E-07
LINC00239	TMEM61	0.332	1.01E-06
LINC00239	DGKA	0.332	1.06E-06
LINC00239	CAVIN3	0.332	1.05E-06
LINC00239	SGPP2	0.332	9.97E-07
LINC00239	JAML	0.332	9.99E-07
LINC00239	AL138826.1	0.332	9.85E-07
LINC00239	POMC	0.333	9.09E-07
LINC00239	ADAM8	0.333	9.52E-07
LINC00239	BPIFB1	0.333	9.31E-07
LINC00239	CPZ	0.333	9.38E-07
LINC00239	SIT1	0.333	9.09E-07
LINC00239	RHOF	0.333	9.37E-07
LINC00239	PAFAH1B3	0.333	9.26E-07
LINC00239	TMED3	0.333	9.49E-07
LINC00239	AGRN	0.333	9.13E-07
LINC00239	RNF145	0.333	9.69E-07
LINC00239	STMN3	0.333	9.1E-07
LINC00239	APOBEC3C	0.333	9.45E-07

LINC00239	TBX1	0.333	9.24E-07
LINC00239	LONRF2	0.333	9.21E-07
LINC00239	NFAM1	0.333	9.22E-07
LINC00239	PIWIL4	0.333	9.58E-07
LINC00239	ATF4	0.334	8.94E-07
LINC00239	SMKR1	0.334	8.52E-07
LINC00239	PWWP2B	0.334	8.86E-07
LINC00239	STK32C	0.334	8.86E-07
LINC00239	LBH	0.334	8.98E-07
LINC00239	CD40LG	0.334	8.73E-07
LINC00239	ATP1B3	0.334	8.77E-07
LINC00239	MANF	0.334	9.07E-07
LINC00239	PTGS1	0.334	8.96E-07
LINC00239	LENG9	0.334	8.55E-07
LINC00239	MFSD12	0.334	8.87E-07
LINC00239	BCAN	0.334	8.59E-07
LINC00239	LMTK3	0.335	7.91E-07
LINC00239	NFKBID	0.335	8.07E-07
LINC00239	CTSS	0.335	7.83E-07
LINC00239	CCR2	0.335	8.22E-07
LINC00239	MOB3A	0.335	8.19E-07
LINC00239	IGFBP3	0.335	7.96E-07
LINC00239	GAL	0.335	7.94E-07
LINC00239	SLC16A6	0.335	7.89E-07
LINC00239	ZG16B	0.335	8.09E-07
LINC00239	ZDHHC13	0.335	8.38E-07
LINC00239	IFI16	0.335	7.89E-07
LINC00239	CCR5	0.336	7.2E-07
LINC00239	CR2	0.336	7.22E-07
LINC00239	CTXN1	0.336	7.22E-07
LINC00239	STX11	0.336	7.23E-07
LINC00239	CSTB	0.336	7.29E-07
LINC00239	SLA	0.336	7.38E-07
LINC00239	CFL1	0.336	7.47E-07
LINC00239	CBARP	0.336	7.62E-07
LINC00239	RAN	0.336	7.22E-07
LINC00239	CDH16	0.336	7.39E-07
LINC00239	HLA-DMB	0.336	7.51E-07
LINC00239	GBP2	0.336	7.59E-07
LINC00239	PLAU	0.337	6.83E-07
LINC00239	PRRX1	0.337	7.04E-07
LINC00239	NCF1	0.337	6.9E-07
LINC00239	CCL13	0.337	6.84E-07

LINC00239	DAGLA	0.337	6.59E-07
LINC00239	RUNX3	0.337	6.6E-07
LINC00239	FSTL3	0.337	7.03E-07
LINC00239	RAB33A	0.337	6.72E-07
LINC00239	CHMP4B	0.337	6.94E-07
LINC00239	IFITM10	0.338	6.55E-07
LINC00239	MEI1	0.338	6.51E-07
LINC00239	EMB	0.338	6.26E-07
LINC00239	CD48	0.338	6.25E-07
LINC00239	MUC6	0.338	6.37E-07
LINC00239	PPA1	0.338	6.58E-07
LINC00239	TSPAN15	0.338	6.2E-07
LINC00239	AACS	0.338	6.36E-07
LINC00239	TNFAIP8L3	0.338	6.09E-07
LINC00239	FPR1	0.338	6.41E-07
LINC00239	CTSK	0.338	6.34E-07
LINC00239	LGALS1	0.339	5.89E-07
LINC00239	HK2	0.339	5.61E-07
LINC00239	TMPRSS4	0.339	5.63E-07
LINC00239	LTK	0.339	6.03E-07
LINC00239	CA12	0.339	5.62E-07
LINC00239	CD101	0.339	5.7E-07
LINC00239	LAIR2	0.339	5.68E-07
LINC00239	SASH3	0.339	5.97E-07
LINC00239	KRT80	0.339	5.62E-07
LINC00239	NRGN	0.339	6.06E-07
LINC00239	TCIRG1	0.339	5.86E-07
LINC00239	FMOD	0.34	5.5E-07
LINC00239	CIDEC	0.34	5.27E-07
LINC00239	SSTR2	0.34	5.36E-07
LINC00239	ELF3	0.34	5.19E-07
LINC00239	COL9A2	0.34	5.56E-07
LINC00239	RGS1	0.34	5.41E-07
LINC00239	GPR171	0.34	5.57E-07
LINC00239	CLEC5A	0.34	5.42E-07
LINC00239	HOMER3	0.34	5.42E-07
LINC00239	JAG2	0.341	4.81E-07
LINC00239	HACD1	0.341	5.05E-07
LINC00239	SLC35F2	0.341	5.08E-07
LINC00239	ZNF469	0.341	5.06E-07
LINC00239	KCNK6	0.341	4.81E-07
LINC00239	TMEM51	0.341	4.95E-07
LINC00239	ELOVL1	0.341	5.16E-07

LINC00239	PRNP	0.341	5.06E-07
LINC00239	CD3E	0.341	5.04E-07
LINC00239	HCK	0.341	5.06E-07
LINC00239	AL159163.1	0.342	4.48E-07
LINC00239	AIM2	0.342	4.55E-07
LINC00239	TANC2	0.342	4.74E-07
LINC00239	BIRC3	0.342	4.51E-07
LINC00239	CD79B	0.342	4.47E-07
LINC00239	TMEM92	0.342	4.72E-07
LINC00239	TNNT1	0.342	4.41E-07
LINC00239	FHOD1	0.342	4.51E-07
LINC00239	TNFRSF4	0.342	4.7E-07
LINC00239	C9orf57	0.342	4.66E-07
LINC00239	C1orf54	0.342	4.69E-07
LINC00239	PDCD1	0.343	4.26E-07
LINC00239	TNFRSF11A	0.343	4.15E-07
LINC00239	SNX20	0.343	4.33E-07
LINC00239	CD19	0.343	4.26E-07
LINC00239	SP140	0.343	4.38E-07
LINC00239	CARD9	0.343	4.13E-07
LINC00239	CD7	0.343	4.18E-07
LINC00239	GPX2	0.343	4.21E-07
LINC00239	EGFL6	0.343	4.17E-07
LINC00239	MAP1A	0.344	4.02E-07
LINC00239	HVCN1	0.344	3.96E-07
LINC00239	SHISA2	0.344	3.96E-07
LINC00239	LY9	0.344	3.86E-07
LINC00239	DES	0.344	3.78E-07
LINC00239	RCN3	0.344	3.98E-07
LINC00239	SERHL2	0.344	3.96E-07
LINC00239	CALCA	0.345	3.65E-07
LINC00239	NDUFA4L2	0.345	3.45E-07
LINC00239	SCGB2A1	0.345	3.52E-07
LINC00239	SPHK1	0.345	3.58E-07
LINC00239	NFKBIE	0.345	3.48E-07
LINC00239	GNB3	0.345	3.68E-07
LINC00239	PDE9A	0.345	3.53E-07
LINC00239	SFT2D1	0.345	3.54E-07
LINC00239	PLEKHO1	0.345	3.63E-07
LINC00239	EEF1E1	0.345	3.49E-07
LINC00239	MAP1LC3B	0.345	3.58E-07
LINC00239	PFN1	0.346	3.17E-07
LINC00239	DUOXA2	0.346	3.35E-07

LINC00239	EFNA5	0.346	3.23E-07
LINC00239	LRRC8B	0.346	3.15E-07
LINC00239	PKIA	0.346	3.2E-07
LINC00239	PLA2G4E	0.346	3.23E-07
LINC00239	CXCR4	0.346	3.18E-07
LINC00239	PDE4D	0.346	3.35E-07
LINC00239	UBASH3A	0.347	2.98E-07
LINC00239	TLR7	0.347	3E-07
LINC00239	ATG9B	0.347	2.93E-07
LINC00239	FDCSP	0.347	3.14E-07
LINC00239	TRIM40	0.347	2.94E-07
LINC00239	PARVG	0.347	2.9E-07
LINC00239	FKBP10	0.347	3.09E-07
LINC00239	CD53	0.347	3E-07
LINC00239	S1PR4	0.347	2.97E-07
LINC00239	H2AFY	0.347	3.06E-07
LINC00239	CA9	0.347	2.96E-07
LINC00239	RAB3IL1	0.347	3E-07
LINC00239	LOXL3	0.347	3.14E-07
LINC00239	LCK	0.347	2.96E-07
LINC00239	CD79A	0.347	3.13E-07
LINC00239	CTBP2	0.348	2.78E-07
LINC00239	TMEM87B	0.348	2.74E-07
LINC00239	RIPK3	0.348	2.82E-07
LINC00239	GALNT5	0.348	2.82E-07
LINC00239	SYK	0.348	2.76E-07
LINC00239	S100A14	0.348	2.76E-07
LINC00239	CPE	0.348	2.8E-07
LINC00239	ITGA3	0.349	2.54E-07
LINC00239	MAP4K1	0.349	2.53E-07
LINC00239	PAQR5	0.349	2.46E-07
LINC00239	C1QTNF1	0.349	2.52E-07
LINC00239	CCL11	0.349	2.6E-07
LINC00239	GTF3C6	0.349	2.63E-07
LINC00239	EFNB1	0.349	2.49E-07
LINC00239	HTR3A	0.35	2.4E-07
LINC00239	PIK3CD	0.35	2.4E-07
LINC00239	HCAR2	0.35	2.37E-07
LINC00239	CTSC	0.35	2.34E-07
LINC00239	KLHDC7B	0.35	2.26E-07
LINC00239	SMIM6	0.35	2.38E-07
LINC00239	FOXS1	0.35	2.27E-07
LINC00239	CLEC2D	0.35	2.43E-07

LINC00239	CLECL1	0.35	2.31E-07
LINC00239	MAP1LC3B2	0.35	2.35E-07
LINC00239	43162	0.351	2.18E-07
LINC00239	PARP8	0.351	2.23E-07
LINC00239	SLC37A1	0.351	2.22E-07
LINC00239	MMP19	0.351	2.09E-07
LINC00239	KIF21B	0.351	2.2E-07
LINC00239	GAS7	0.351	2.17E-07
LINC00239	OLFML2B	0.351	2.15E-07
LINC00239	POSTN	0.351	2.07E-07
LINC00239	TMEM200A	0.351	2.15E-07
LINC00239	RUNX1	0.351	2.23E-07
LINC00239	TNFAIP8	0.351	2.24E-07
LINC00239	SIDT1	0.351	2.24E-07
LINC00239	CLIC3	0.351	2.2E-07
LINC00239	RASAL3	0.351	2.13E-07
LINC00239	RAB34	0.352	1.93E-07
LINC00239	CRACR2B	0.352	1.95E-07
LINC00239	WNT4	0.352	1.99E-07
LINC00239	C5AR2	0.352	2.01E-07
LINC00239	HAS1	0.352	2.05E-07
LINC00239	INPP5D	0.352	2.06E-07
LINC00239	EVA1B	0.352	1.98E-07
LINC00239	IGFBP6	0.352	2.06E-07
LINC00239	ETV5	0.352	1.95E-07
LINC00239	UCHL1	0.352	1.93E-07
LINC00239	OLA1	0.352	1.92E-07
LINC00239	SH3D21	0.352	2.03E-07
LINC00239	ESYT3	0.352	1.98E-07
LINC00239	DUSP4	0.353	1.77E-07
LINC00239	MLKL	0.353	1.8E-07
LINC00239	LIMD2	0.353	1.82E-07
LINC00239	IL4R	0.353	1.78E-07
LINC00239	WISP2	0.353	1.79E-07
LINC00239	MEDAG	0.353	1.78E-07
LINC00239	SPI1	0.353	1.76E-07
LINC00239	TRIM47	0.353	1.77E-07
LINC00239	LTA	0.353	1.75E-07
LINC00239	GPX8	0.354	1.7E-07
LINC00239	ISLR	0.354	1.69E-07
LINC00239	LRG1	0.354	1.7E-07
LINC00239	LCN2	0.354	1.69E-07
LINC00239	GAPDH	0.354	1.69E-07

LINC00239	INF2	0.354	1.71E-07
LINC00239	DYNLT1	0.355	1.55E-07
LINC00239	ARHGAP4	0.355	1.55E-07
LINC00239	KCNK13	0.355	1.57E-07
LINC00239	MINDY4	0.355	1.59E-07
LINC00239	KCND2	0.355	1.54E-07
LINC00239	LILRB4	0.355	1.53E-07
LINC00239	TBC1D30	0.355	1.54E-07
LINC00239	EMP3	0.356	1.37E-07
LINC00239	ATP2A3	0.356	1.37E-07
LINC00239	TRAF5	0.356	1.42E-07
LINC00239	TRPA1	0.356	1.47E-07
LINC00239	BEND6	0.356	1.41E-07
LINC00239	SPATA12	0.356	1.46E-07
LINC00239	STK17A	0.356	1.36E-07
LINC00239	NPDC1	0.356	1.46E-07
LINC00239	MYO1G	0.357	1.32E-07
LINC00239	DNAJC18	0.357	1.26E-07
LINC00239	GPR183	0.357	1.27E-07
LINC00239	TUBB6	0.357	1.31E-07
LINC00239	CDKN2D	0.357	1.35E-07
LINC00239	COL1A1	0.358	1.21E-07
LINC00239	CKLF	0.358	1.16E-07
LINC00239	CARD11	0.358	1.19E-07
LINC00239	IL18BP	0.358	1.19E-07
LINC00239	C2orf81	0.358	1.16E-07
LINC00239	GNA15	0.358	1.14E-07
LINC00239	PIM3	0.358	1.17E-07
LINC00239	COL11A1	0.358	1.2E-07
LINC00239	BCAT1	0.358	1.16E-07
LINC00239	BAK1	0.358	1.19E-07
LINC00239	CHST8	0.359	1.11E-07
LINC00239	LSP1	0.359	1.09E-07
LINC00239	MUC1	0.359	1.09E-07
LINC00239	MATK	0.359	1.07E-07
LINC00239	ENDOD1	0.359	1.05E-07
LINC00239	HES4	0.359	1.05E-07
LINC00239	BEST1	0.359	1.11E-07
LINC00239	TRIM6	0.359	1.1E-07
LINC00239	RHOG	0.36	9.75E-08
LINC00239	GTF2E2	0.36	1E-07
LINC00239	DAB2	0.36	9.69E-08
LINC00239	SIRPG	0.36	9.53E-08

LINC00239	TMSB4X	0.36	1.01E-07
LINC00239	ARRB2	0.36	9.94E-08
LINC00239	STAP1	0.36	9.9E-08
LINC00239	SCG2	0.36	9.53E-08
LINC00239	FZD10	0.361	9.23E-08
LINC00239	DOCK8	0.361	8.9E-08
LINC00239	CARMIL2	0.361	8.91E-08
LINC00239	MSC	0.361	9.04E-08
LINC00239	RBM38	0.361	8.79E-08
LINC00239	C15orf39	0.361	9.32E-08
LINC00239	FOXL1	0.361	8.94E-08
LINC00239	C15orf53	0.361	9.22E-08
LINC00239	NCF4	0.361	8.95E-08
LINC00239	COTL1	0.361	8.8E-08
LINC00239	TOR4A	0.362	8.43E-08
LINC00239	KDELR3	0.362	8.3E-08
LINC00239	HACD4	0.362	8.07E-08
LINC00239	LBP	0.362	8.12E-08
LINC00239	PSTPIP1	0.362	8.19E-08
LINC00239	THY1	0.362	8.29E-08
LINC00239	MYO7B	0.362	8.45E-08
LINC00239	TGFB3	0.362	8.12E-08
LINC00239	CD1A	0.362	8.62E-08
LINC00239	CHST10	0.362	8.03E-08
LINC00239	PTGES	0.362	8.16E-08
LINC00239	SPINK1	0.363	7.6E-08
LINC00239	CST6	0.363	7.89E-08
LINC00239	CD70	0.363	7.71E-08
LINC00239	FCRL5	0.363	7.96E-08
LINC00239	UNC119	0.363	7.68E-08
LINC00239	BCL11B	0.363	7.8E-08
LINC00239	XKR6	0.363	7.71E-08
LINC00239	CERS5	0.363	7.36E-08
LINC00239	LAIR1	0.363	7.53E-08
LINC00239	SPOCD1	0.363	7.81E-08
LINC00239	KLHL6	0.364	6.87E-08
LINC00239	METRNL	0.364	6.97E-08
LINC00239	CSF2RA	0.364	6.9E-08
LINC00239	PTPN7	0.364	7.26E-08
LINC00239	SLC34A2	0.364	6.94E-08
LINC00239	IFITM1	0.364	6.88E-08
LINC00239	TRIM31	0.364	7.23E-08
LINC00239	TENM4	0.364	7.19E-08

LINC00239	GLIPR2	0.364	6.86E-08
LINC00239	DOK1	0.364	6.97E-08
LINC00239	PHC2	0.364	7.11E-08
LINC00239	GNB4	0.364	7E-08
LINC00239	MMP23B	0.365	6.45E-08
LINC00239	AK8	0.365	6.44E-08
LINC00239	FCGR1B	0.365	6.54E-08
LINC00239	NABP1	0.365	6.57E-08
LINC00239	TEAD4	0.365	6.63E-08
LINC00239	OAZ1	0.365	6.19E-08
LINC00239	TNFSF15	0.366	5.62E-08
LINC00239	SMARCD3	0.366	5.62E-08
LINC00239	SPRED3	0.366	5.73E-08
LINC00239	MCUB	0.366	5.78E-08
LINC00239	IQGAP3	0.366	5.92E-08
LINC00239	CD2	0.366	6.09E-08
LINC00239	EVI2A	0.366	5.99E-08
LINC00239	DOK3	0.366	6.04E-08
LINC00239	YBX3	0.366	5.98E-08
LINC00239	ARHGAP9	0.367	5.26E-08
LINC00239	CTLA4	0.367	5.32E-08
LINC00239	SLAMF1	0.367	5.42E-08
LINC00239	ITGB2	0.367	5.22E-08
LINC00239	TNFRSF13B	0.367	5.47E-08
LINC00239	HIST3H2A	0.367	5.33E-08
LINC00239	NFKB2	0.367	5.45E-08
LINC00239	MOXD1	0.367	5.24E-08
LINC00239	RUNX2	0.367	5.4E-08
LINC00239	DEF6	0.367	5.17E-08
LINC00239	DCLK1	0.367	5.46E-08
LINC00239	RABEP2	0.368	4.79E-08
LINC00239	NBL1	0.368	4.71E-08
LINC00239	PAPLN	0.368	5.03E-08
LINC00239	HAGHL	0.368	4.88E-08
LINC00239	HCLS1	0.368	4.93E-08
LINC00239	WNT2	0.369	4.61E-08
LINC00239	S100A16	0.369	4.33E-08
LINC00239	ETV4	0.369	4.61E-08
LINC00239	SAMD11	0.369	4.47E-08
LINC00239	SYTL3	0.37	4.19E-08
LINC00239	LPAR5	0.37	4.16E-08
LINC00239	FUT8	0.37	4.03E-08
LINC00239	GPBAR1	0.37	4.15E-08

LINC00239	TBXAS1	0.37	4.11E-08
LINC00239	FAM159A	0.37	4.27E-08
LINC00239	HID1	0.371	3.73E-08
LINC00239	FGF7	0.371	3.58E-08
LINC00239	IFI30	0.371	3.88E-08
LINC00239	UNC13D	0.371	3.79E-08
LINC00239	MMD	0.371	3.7E-08
LINC00239	TMC8	0.371	3.74E-08
LINC00239	GYG1	0.372	3.42E-08
LINC00239	JPT1	0.372	3.53E-08
LINC00239	DLGAP4	0.372	3.48E-08
LINC00239	BACE2	0.372	3.53E-08
LINC00239	OSCAR	0.372	3.28E-08
LINC00239	METTL9	0.373	3.11E-08
LINC00239	SLC38A1	0.373	3.05E-08
LINC00239	CD22	0.373	3.06E-08
LINC00239	CD300LF	0.373	3.02E-08
LINC00239	MILR1	0.373	3.04E-08
LINC00239	ARPC3	0.374	2.81E-08
LINC00239	RRAD	0.374	2.81E-08
LINC00239	CRIP1	0.374	2.94E-08
LINC00239	MFSD6	0.374	2.92E-08
LINC00239	IL7R	0.375	2.62E-08
LINC00239	CORO1A	0.375	2.58E-08
LINC00239	RASD1	0.375	2.67E-08
LINC00239	TMEM173	0.375	2.66E-08
LINC00239	CYTIP	0.375	2.57E-08
LINC00239	TRAPPC4	0.375	2.59E-08
LINC00239	BATF	0.375	2.69E-08
LINC00239	PPT1	0.375	2.7E-08
LINC00239	MYO1F	0.375	2.55E-08
LINC00239	AKR1B10	0.376	2.38E-08
LINC00239	PLEKHA4	0.376	2.33E-08
LINC00239	CYP21A2	0.376	2.26E-08
LINC00239	COMP	0.376	2.31E-08
LINC00239	SMOC2	0.377	2.14E-08
LINC00239	SOWAHD	0.377	2.18E-08
LINC00239	PRR7	0.377	2.22E-08
LINC00239	AGR2	0.377	2.15E-08
LINC00239	AKR1B15	0.378	2.02E-08
LINC00239	LY6E	0.378	1.96E-08
LINC00239	LGALS3BP	0.378	1.92E-08
LINC00239	S100P	0.378	1.88E-08

LINC00239	ARHGDIB	0.378	1.92E-08
LINC00239	HAVCR1	0.379	1.77E-08
LINC00239	TREM1	0.379	1.87E-08
LINC00239	C4orf48	0.379	1.84E-08
LINC00239	CD5	0.379	1.75E-08
LINC00239	AREG	0.379	1.74E-08
LINC00239	TMEM119	0.379	1.75E-08
LINC00239	PSORS1C1	0.379	1.79E-08
LINC00239	CCL22	0.379	1.85E-08
LINC00239	PTAFR	0.379	1.74E-08
LINC00239	SELPLG	0.379	1.87E-08
LINC00239	GHRHR	0.38	1.57E-08
LINC00239	MAP7D1	0.38	1.57E-08
LINC00239	SYTL1	0.38	1.66E-08
LINC00239	RGS19	0.38	1.64E-08
LINC00239	P3H3	0.38	1.63E-08
LINC00239	FCER1G	0.38	1.67E-08
LINC00239	C1orf106	0.38	1.63E-08
LINC00239	CHST4	0.381	1.42E-08
LINC00239	UMODL1	0.381	1.53E-08
LINC00239	TNFSF9	0.381	1.46E-08
LINC00239	CERCAM	0.381	1.49E-08
LINC00239	POU2AF1	0.381	1.54E-08
LINC00239	MAP3K6	0.381	1.5E-08
LINC00239	VIM	0.382	1.34E-08
LINC00239	C3orf52	0.382	1.41E-08
LINC00239	SIGLEC8	0.382	1.38E-08
LINC00239	CCDC80	0.382	1.36E-08
LINC00239	PDLIM4	0.382	1.32E-08
LINC00239	KRT23	0.382	1.31E-08
LINC00239	CDC42EP1	0.383	1.27E-08
LINC00239	TGFB1	0.383	1.24E-08
LINC00239	CYP19A1	0.383	1.2E-08
LINC00239	ABI3	0.383	1.22E-08
LINC00239	VNN2	0.383	1.23E-08
LINC00239	OBSCN	0.383	1.25E-08
LINC00239	FUT6	0.383	1.19E-08
LINC00239	CLCF1	0.384	1.08E-08
LINC00239	MMP12	0.384	1.11E-08
LINC00239	C5AR1	0.384	1.15E-08
LINC00239	IL17B	0.384	1.09E-08
LINC00239	ADAP2	0.384	1.11E-08
LINC00239	TTC39A	0.385	1.03E-08

LINC00239	RNASE6	0.385	9.81E-09
LINC00239	NFATC1	0.385	1.06E-08
LINC00239	SULF1	0.385	1.01E-08
LINC00239	SLC52A2	0.385	1.05E-08
LINC00239	LYPD1	0.385	9.88E-09
LINC00239	TREM2	0.385	1.01E-08
LINC00239	CILP2	0.385	1.06E-08
LINC00239	RFLNA	0.386	9.44E-09
LINC00239	PDE4A	0.386	9.39E-09
LINC00239	LIPH	0.386	9.02E-09
LINC00239	ACP5	0.386	8.96E-09
LINC00239	GLIS1	0.386	9.64E-09
LINC00239	SORCS2	0.386	9.38E-09
LINC00239	PFDN4	0.387	8.75E-09
LINC00239	PLEKHN1	0.387	8.55E-09
LINC00239	CCL26	0.387	8.78E-09
LINC00239	PLEKHO2	0.387	8.68E-09
LINC00239	CREB3	0.387	8.24E-09
LINC00239	STK11IP	0.387	8.33E-09
LINC00239	PLK3	0.387	8.72E-09
LINC00239	SSUH2	0.388	7.31E-09
LINC00239	TMC7	0.388	7.86E-09
LINC00239	MISP	0.388	7.44E-09
LINC00239	KLHL29	0.388	7.44E-09
LINC00239	CD44	0.388	7.46E-09
LINC00239	RAB31	0.388	7.65E-09
LINC00239	CYTH4	0.388	7.36E-09
LINC00239	IFITM2	0.389	7.18E-09
LINC00239	EPHX3	0.389	7.23E-09
LINC00239	RNFT2	0.389	6.93E-09
LINC00239	CLEC11A	0.39	6.13E-09
LINC00239	PRSS22	0.39	6.45E-09
LINC00239	CD37	0.39	6.1E-09
LINC00239	CERKL	0.39	6.53E-09
LINC00239	WFDC2	0.39	6.33E-09
LINC00239	MYH4	0.391	5.49E-09
LINC00239	GPR132	0.391	5.64E-09
LINC00239	BASP1	0.392	5.01E-09
LINC00239	RAC2	0.392	5E-09
LINC00239	TRIM46	0.392	5.01E-09
LINC00239	ENO2	0.392	5.24E-09
LINC00239	TMEM55A	0.393	4.55E-09
LINC00239	SYN1	0.393	4.76E-09

LINC00239	SMCO2	0.393	4.77E-09
LINC00239	SLCO4A1	0.393	4.61E-09
LINC00239	SPIB	0.393	4.7E-09
LINC00239	FAM177B	0.394	4.34E-09
LINC00239	ITGB4	0.394	4.12E-09
LINC00239	PFKP	0.394	4.26E-09
LINC00239	FUT7	0.395	3.79E-09
LINC00239	SLC6A6	0.395	3.81E-09
LINC00239	FERMT3	0.395	3.8E-09
LINC00239	PLA2G2A	0.395	3.83E-09
LINC00239	SELENOW	0.395	3.74E-09
LINC00239	CD3D	0.396	3.58E-09
LINC00239	MAL	0.396	3.66E-09
LINC00239	TAX1BP3	0.396	3.34E-09
LINC00239	KISS1R	0.396	3.62E-09
LINC00239	ASAH1	0.396	3.36E-09
LINC00239	S100B	0.396	3.53E-09
LINC00239	ISL2	0.397	3.27E-09
LINC00239	COL10A1	0.397	3.19E-09
LINC00239	ARL9	0.398	2.78E-09
LINC00239	CD52	0.398	2.93E-09
LINC00239	TM4SF1	0.398	2.86E-09
LINC00239	A2M	0.398	2.96E-09
LINC00239	CLEC4A	0.398	2.91E-09
LINC00239	TNFRSF18	0.398	2.73E-09
LINC00239	43352	0.399	2.61E-09
LINC00239	PLTP	0.399	2.59E-09
LINC00239	MZB1	0.399	2.65E-09
LINC00239	PDGFRL	0.399	2.56E-09
LINC00239	ADA	0.399	2.68E-09
LINC00239	RPP25	0.399	2.48E-09
LINC00239	CD24	0.399	2.71E-09
LINC00239	MVP	0.399	2.7E-09
LINC00239	LGALS9	0.399	2.7E-09
LINC00239	GLS	0.4	2.44E-09
LINC00239	COL22A1	0.4	2.41E-09
LINC00239	LYL1	0.4	2.36E-09
LINC00239	DNAJC5B	0.4	2.33E-09
LINC00239	MARVELD1	0.4	2.46E-09
LINC00239	CD6	0.401	2.03E-09
LINC00239	TNFRSF8	0.401	2.23E-09
LINC00239	LAT2	0.401	2.18E-09
LINC00239	SLC22A31	0.401	2.09E-09

LINC00239	LEFTY1	0.401	2.12E-09
LINC00239	PERM1	0.401	2.11E-09
LINC00239	EPS8L1	0.401	2.16E-09
LINC00239	SYT13	0.402	1.98E-09
LINC00239	TUBA4A	0.402	1.88E-09
LINC00239	CDH11	0.403	1.79E-09
LINC00239	ADAM19	0.403	1.72E-09
LINC00239	GALNT7	0.404	1.61E-09
LINC00239	KIAA0930	0.404	1.55E-09
LINC00239	TYMP	0.404	1.55E-09
LINC00239	DUSP5	0.404	1.57E-09
LINC00239	GPR84	0.406	1.25E-09
LINC00239	ANKRD13D	0.406	1.28E-09
LINC00239	PKM	0.406	1.23E-09
LINC00239	ARNTL2	0.406	1.35E-09
LINC00239	SLAMF8	0.406	1.29E-09
LINC00239	LAPTM5	0.406	1.3E-09
LINC00239	PMEPA1	0.407	1.14E-09
LINC00239	PPP1R18	0.407	1.16E-09
LINC00239	FHDC1	0.407	1.14E-09
LINC00239	CPNE7	0.407	1.1E-09
LINC00239	KYNU	0.407	1.14E-09
LINC00239	IL18	0.407	1.22E-09
LINC00239	OSMR	0.407	1.21E-09
LINC00239	HTRA3	0.408	1.02E-09
LINC00239	GLI1	0.408	1.08E-09
LINC00239	PLIN3	0.408	1.05E-09
LINC00239	NCALD	0.408	1.07E-09
LINC00239	SPP1	0.408	1.09E-09
LINC00239	HDAC7	0.408	1.08E-09
LINC00239	RUNDC3A	0.409	9.14E-10
LINC00239	ORAI2	0.409	9.58E-10
LINC00239	TMEM154	0.409	9.1E-10
LINC00239	TMIGD3	0.409	9.06E-10
LINC00239	IL17D	0.409	9.17E-10
LINC00239	IL2RA	0.41	8.32E-10
LINC00239	ISG20	0.41	8.24E-10
LINC00239	SLC6A3	0.41	8.88E-10
LINC00239	CREB3L1	0.41	8.39E-10
LINC00239	IL27RA	0.41	8.27E-10
LINC00239	PDCL3	0.41	8.83E-10
LINC00239	LINC00694	0.41	8.17E-10
LINC00239	KIF26B	0.411	7.38E-10

LINC00239	SIGLEC10	0.411	7.92E-10
LINC00239	LY96	0.411	7.55E-10
LINC00239	S100A3	0.412	6.94E-10
LINC00239	SOCS1	0.412	6.94E-10
LINC00239	SPINT1	0.414	5.58E-10
LINC00239	NPL	0.414	5.79E-10
LINC00239	BLVRA	0.414	5.49E-10
LINC00239	FCGR1A	0.414	5.9E-10
LINC00239	IFI27L2	0.414	5.59E-10
LINC00239	TLDC1	0.415	5.24E-10
LINC00239	ALOX5	0.415	5.11E-10
LINC00239	KCNN4	0.415	5.07E-10
LINC00239	PTGDS	0.415	5.11E-10
LINC00239	ASPHD1	0.416	4.48E-10
LINC00239	TJP3	0.416	4.64E-10
LINC00239	CARD19	0.416	4.38E-10
LINC00239	ENTPD1	0.416	4.66E-10
LINC00239	RAP1GAP	0.416	4.69E-10
LINC00239	FXVD2	0.416	4.41E-10
LINC00239	SEMA4D	0.416	4.64E-10
LINC00239	MFSD10	0.416	4.41E-10
LINC00239	INSL3	0.417	4.24E-10
LINC00239	WNT10A	0.417	3.94E-10
LINC00239	F2RL1	0.417	4E-10
LINC00239	GGT1	0.417	4.21E-10
LINC00239	MTHFD1L	0.417	4.03E-10
LINC00239	CRLF2	0.418	3.87E-10
LINC00239	IL21R	0.418	3.63E-10
LINC00239	IER5L	0.418	3.58E-10
LINC00239	DENND3	0.418	3.74E-10
LINC00239	IL15RA	0.418	3.87E-10
LINC00239	SLC35E4	0.418	3.86E-10
LINC00239	ARHGEF16	0.419	3.43E-10
LINC00239	C12orf49	0.419	3.48E-10
LINC00239	PLP2	0.419	3.4E-10
LINC00239	OSM	0.419	3.36E-10
LINC00239	TMEM158	0.419	3.2E-10
LINC00239	MTHFD2	0.42	3.02E-10
LINC00239	ADAMTS14	0.42	2.85E-10
LINC00239	TMEM45A	0.42	2.88E-10
LINC00239	TMEM163	0.421	2.76E-10
LINC00239	TGM2	0.421	2.73E-10
LINC00239	CMTM7	0.421	2.78E-10

LINC00239	PIP4K2A	0.421	2.66E-10
LINC00239	HAPLN3	0.422	2.49E-10
LINC00239	TBC1D10C	0.422	2.39E-10
LINC00239	ADRA2A	0.422	2.28E-10
LINC00239	CCL19	0.422	2.48E-10
LINC00239	MMP7	0.422	2.35E-10
LINC00239	DPEP1	0.423	2.23E-10
LINC00239	IL4I1	0.423	2.15E-10
LINC00239	ALDOA	0.423	2.09E-10
LINC00239	ANXA2	0.423	2.23E-10
LINC00239	PKIB	0.423	2.11E-10
LINC00239	EGLN3	0.424	1.89E-10
LINC00239	CCL20	0.424	1.94E-10
LINC00239	FXYD5	0.424	1.94E-10
LINC00239	RELT	0.424	1.97E-10
LINC00239	FGD3	0.425	1.75E-10
LINC00239	ALOX5AP	0.425	1.75E-10
LINC00239	VSIG1	0.425	1.81E-10
LINC00239	MRC2	0.425	1.82E-10
LINC00239	GBGT1	0.426	1.59E-10
LINC00239	ANO9	0.427	1.36E-10
LINC00239	S1PR2	0.427	1.47E-10
LINC00239	TLE6	0.427	1.38E-10
LINC00239	TMSB10	0.427	1.46E-10
LINC00239	YWHAZ	0.428	1.23E-10
LINC00239	GSKIP	0.428	1.31E-10
LINC00239	SYNGR2	0.428	1.28E-10
LINC00239	CHST11	0.428	1.3E-10
LINC00239	TMEM165	0.428	1.19E-10
LINC00239	STMN2	0.428	1.2E-10
LINC00239	FAM57A	0.429	1.07E-10
LINC00239	FZD2	0.429	1.17E-10
LINC00239	KIAA1324	0.429	1.18E-10
LINC00239	VCAN	0.429	1.16E-10
LINC00239	TOX	0.43	1.02E-10
LINC00239	KCNE5	0.43	1.04E-10
LINC00239	HSH2D	0.43	1.05E-10
LINC00239	SULT1C2	0.431	9.4E-11
LINC00239	ACSL4	0.431	8.94E-11
LINC00239	GPSM3	0.431	9.42E-11
LINC00239	SDCBP2	0.431	8.69E-11
LINC00239	ARHGAP45	0.431	9.45E-11
LINC00239	GPR68	0.431	8.52E-11

LINC00239	CAPG	0.431	8.74E-11
LINC00239	B3GNT3	0.432	8.17E-11
LINC00239	PTP4A3	0.433	7.28E-11
LINC00239	UAP1L1	0.434	6.11E-11
LINC00239	S100A4	0.434	6.69E-11
LINC00239	SERPINB1	0.434	6.23E-11
LINC00239	SNAI3	0.434	6.17E-11
LINC00239	UPP1	0.434	6.47E-11
LINC00239	BCL2A1	0.434	6.7E-11
LINC00239	MFNG	0.435	5.76E-11
LINC00239	RGS10	0.435	5.77E-11
LINC00239	NNMT	0.435	5.75E-11
LINC00239	PYCARD	0.435	5.7E-11
LINC00239	PDPN	0.436	5.26E-11
LINC00239	SLC22A15	0.436	4.88E-11
LINC00239	SLC1A5	0.436	4.89E-11
LINC00239	CASP4	0.438	4.32E-11
LINC00239	RHOV	0.439	3.64E-11
LINC00239	PDLIM7	0.439	3.75E-11
LINC00239	CD68	0.44	3.39E-11
LINC00239	PCBP3	0.44	3.31E-11
LINC00239	KCNK15	0.44	3.19E-11
LINC00239	PCED1B	0.441	3.03E-11
LINC00239	AGA	0.441	3E-11
LINC00239	UBASH3B	0.441	2.96E-11
LINC00239	ZMYND15	0.441	2.79E-11
LINC00239	RSPH1	0.441	2.93E-11
LINC00239	PBX4	0.441	2.79E-11
LINC00239	TMEM156	0.442	2.76E-11
LINC00239	PNMA1	0.442	2.51E-11
LINC00239	LIMK1	0.443	2.34E-11
LINC00239	ADAMDEC1	0.443	2.22E-11
LINC00239	RELB	0.443	2.31E-11
LINC00239	EMILIN2	0.444	2.18E-11
LINC00239	FUT4	0.444	2.14E-11
LINC00239	SERPINB8	0.445	1.89E-11
LINC00239	LIMK2	0.445	1.82E-11
LINC00239	IL2RG	0.445	1.95E-11
LINC00239	KNDC1	0.446	1.68E-11
LINC00239	SFMBT2	0.446	1.57E-11
LINC00239	SFXN3	0.447	1.45E-11
LINC00239	ADAM28	0.447	1.45E-11
LINC00239	TPM4	0.449	1.22E-11

LINC00239	PAEP	0.45	9.74E-12
LINC00239	CYBA	0.451	9.21E-12
LINC00239	LRP10	0.451	8.94E-12
LINC00239	LEPROTL1	0.451	9.36E-12
LINC00239	PLEKHB2	0.452	8.08E-12
LINC00239	SLC7A1	0.452	7.69E-12
LINC00239	SH2D2A	0.452	7.71E-12
LINC00239	GCNT3	0.453	6.79E-12
LINC00239	KCTD17	0.453	7.58E-12
LINC00239	ECEL1	0.454	6.31E-12
LINC00239	LTB	0.455	5.98E-12
LINC00239	MICAL1	0.455	5.57E-12
LINC00239	GRAMD1A	0.455	5.53E-12
LINC00239	IRF4	0.456	5.31E-12
LINC00239	SEL1L3	0.456	5.1E-12
LINC00239	S100A11	0.456	5.1E-12
LINC00239	COL8A2	0.457	4.29E-12
LINC00239	CHRD12	0.458	3.9E-12
LINC00239	FAP	0.458	4.07E-12
LINC00239	GLTP	0.46	3.19E-12
LINC00239	C2CD4A	0.461	2.61E-12
LINC00239	STRA6	0.461	2.87E-12
LINC00239	PCNX2	0.462	2.38E-12
LINC00239	GMIP	0.462	2.45E-12
LINC00239	GFPT2	0.462	2.31E-12
LINC00239	S100A6	0.463	2.17E-12
LINC00239	MBOAT4	0.463	2.13E-12
LINC00239	RGS2	0.463	2.13E-12
LINC00239	HAVCR2	0.464	2.01E-12
LINC00239	CTHRC1	0.464	1.86E-12
LINC00239	ANXA5	0.465	1.63E-12
LINC00239	DGKG	0.465	1.67E-12
LINC00239	EPO	0.465	1.59E-12
LINC00239	TNFSF13B	0.465	1.74E-12
LINC00239	P2RX5	0.466	1.42E-12
LINC00239	IMPDH1	0.466	1.5E-12
LINC00239	TRPM2	0.467	1.31E-12
LINC00239	FAM19A5	0.468	1.16E-12
LINC00239	SMOX	0.468	1.14E-12
LINC00239	GPRIN3	0.468	1.18E-12
LINC00239	SLC2A6	0.468	1.23E-12
LINC00239	MUC13	0.469	1.05E-12
LINC00239	SPOCK2	0.469	1.08E-12

LINC00239	CPXM1	0.469	1.03E-12
LINC00239	GRAMD1B	0.471	7.58E-13
LINC00239	S100A9	0.472	7.12E-13
LINC00239	LIF	0.472	6.78E-13
LINC00239	LGI2	0.473	5.84E-13
LINC00239	MPZL1	0.473	6.08E-13
LINC00239	TRNP1	0.473	5.88E-13
LINC00239	RASAL1	0.475	4.83E-13
LINC00239	ADGRE5	0.475	4.88E-13
LINC00239	GAL3ST4	0.475	4.6E-13
LINC00239	KCNF1	0.476	4.48E-13
LINC00239	RIN1	0.476	4.26E-13
LINC00239	CD58	0.477	3.8E-13
LINC00239	CXCL16	0.477	3.64E-13
LINC00239	LPAR2	0.479	2.94E-13
LINC00239	IKBKE	0.482	1.95E-13
LINC00239	FCHO1	0.482	1.88E-13
LINC00239	PLAUR	0.483	1.69E-13
LINC00239	MMP9	0.485	1.39E-13
LINC00239	HOPX	0.486	1.21E-13
LINC00239	RHOH	0.491	5.74E-14
LINC00239	LPCAT1	0.492	5.34E-14
LINC00239	LPCAT4	0.493	4.29E-14
LINC00239	SELENOM	0.494	3.82E-14
LINC00239	VASP	0.494	3.74E-14
LINC00239	WNT10B	0.496	3.07E-14
LINC00239	ARL14	0.497	2.53E-14
LINC00239	SRPX2	0.499	2.08E-14
LINC00239	JAK3	0.5	1.8E-14
LINC00239	LGALS3	0.501	1.51E-14
LINC00239	TMC6	0.504	9.24E-15
LINC00239	FA2H	0.506	7.32E-15
LINC00239	SYNGR3	0.507	6.73E-15
LINC00239	ADAM12	0.509	5.03E-15
LINC00239	HKDC1	0.51	4.35E-15
LINC00239	SLC7A7	0.512	3.06E-15
LINC00239	GOLM1	0.512	3.11E-15
LINC00239	FMNL1	0.514	2.22E-15
LINC00239	TMC5	0.514	2.4E-15
LINC00239	TIMP1	0.516	1.69E-15
LINC00239	IER3	0.517	1.46E-15
LINC00239	CRP	0.521	8.03E-16
LINC00239	ARHGAP22	0.529	2.55E-16

LINC00239	CCDC88B	0.535	1.03E-16
LINC00239	PHLDA2	0.548	1.36E-17
LINC00239	TESC	0.55	8.9E-18
LINC00239	SLC16A3	0.556	3.45E-18
LINC00239	SH3BGRL3	0.566	6.52E-19
LINC00239	ARPC1B	0.605	4.82E-22
LINC00239	ST6GALNAC4	0.686	3.73E-30
AC104971.4	FURIN	-0.576	1.01E-19
AC104971.4	SLPI	-0.562	1.28E-18
AC104971.4	TJP3	-0.557	2.93E-18
AC104971.4	HAL	-0.547	1.58E-17
AC104971.4	MAL2	-0.526	3.72E-16
AC104971.4	LSR	-0.525	4.59E-16
AC104971.4	PLD1	-0.522	7.71E-16
AC104971.4	ERICH5	-0.515	1.95E-15
AC104971.4	ATP2B2	-0.513	2.88E-15
AC104971.4	MYO1E	-0.51	4.13E-15
AC104971.4	GPC6	-0.507	6.24E-15
AC104971.4	EPHA1	-0.504	9.58E-15
AC104971.4	F11R	-0.5	1.65E-14
AC104971.4	TMEM171	-0.497	2.63E-14
AC104971.4	PLGLB2	-0.493	4.71E-14
AC104971.4	CYP4F22	-0.491	5.75E-14
AC104971.4	PLGLB1	-0.477	3.65E-13
AC104971.4	SLC7A2	-0.476	4.12E-13
AC104971.4	CDH1	-0.472	7.11E-13
AC104971.4	PRG4	-0.472	7.23E-13
AC104971.4	ARHGEF5	-0.47	8.83E-13
AC104971.4	VNN1	-0.465	1.61E-12
AC104971.4	MGLL	-0.464	2.01E-12
AC104971.4	IL4R	-0.462	2.5E-12
AC104971.4	NINL	-0.456	5.3E-12
AC104971.4	C14orf132	-0.45	1.05E-11
AC104971.4	SORCS2	-0.448	1.27E-11
AC104971.4	BAIAP2L1	-0.446	1.63E-11
AC104971.4	SLC17A9	-0.441	2.87E-11
AC104971.4	SLC43A3	-0.441	2.96E-11
AC104971.4	S1PR2	-0.439	3.84E-11
AC104971.4	SDSL	-0.436	5.27E-11
AC104971.4	VNN3	-0.435	5.86E-11
AC104971.4	ZDHHC14	-0.433	7.28E-11
AC104971.4	KDF1	-0.432	7.76E-11
AC104971.4	REEP6	-0.432	8.34E-11

AC104971.4	PDK3	-0.432	8.32E-11
AC104971.4	CNTD2	-0.431	9.05E-11
AC104971.4	KMO	-0.43	9.86E-11
AC104971.4	GLDC	-0.427	1.35E-10
AC104971.4	GCH1	-0.426	1.58E-10
AC104971.4	SLC8B1	-0.425	1.69E-10
AC104971.4	APBB1IP	-0.422	2.34E-10
AC104971.4	IL22RA1	-0.421	2.64E-10
AC104971.4	SLC18B1	-0.421	2.7E-10
AC104971.4	FNIP2	-0.42	2.99E-10
AC104971.4	CDC42BPG	-0.417	4.29E-10
AC104971.4	ASPG	-0.416	4.74E-10
AC104971.4	AL138826.1	-0.416	4.49E-10
AC104971.4	RALGAPA2	-0.415	5.15E-10
AC104971.4	43160	-0.413	6.1E-10
AC104971.4	PGLYRP2	-0.413	6.4E-10
AC104971.4	SPAG5	-0.409	9.87E-10
AC104971.4	GLT1D1	-0.409	9.16E-10
AC104971.4	ENPP4	-0.408	1.05E-09
AC104971.4	TLE2	-0.408	1.03E-09
AC104971.4	FOXD2	-0.407	1.18E-09
AC104971.4	PKDCC	-0.406	1.32E-09
AC104971.4	TMEM45A	-0.406	1.35E-09
AC104971.4	FAM213B	-0.404	1.58E-09
AC104971.4	TDRD15	-0.403	1.81E-09
AC104971.4	SLC25A18	-0.403	1.69E-09
AC104971.4	NAV2	-0.402	1.87E-09
AC104971.4	LRRC8B	-0.402	1.84E-09
AC104971.4	EPPK1	-0.401	2.04E-09
AC104971.4	GLS2	-0.4	2.4E-09
AC104971.4	CNGA1	-0.4	2.43E-09
AC104971.4	MBP	-0.399	2.68E-09
AC104971.4	GNB5	-0.398	2.78E-09
AC104971.4	CBLC	-0.396	3.61E-09
AC104971.4	ALS2CL	-0.394	4.39E-09
AC104971.4	DOPEY2	-0.393	4.56E-09
AC104971.4	43349	-0.393	4.67E-09
AC104971.4	MYO1D	-0.392	5.08E-09
AC104971.4	UGCG	-0.39	6.08E-09
AC104971.4	EEPD1	-0.39	6.35E-09
AC104971.4	ARNTL2	-0.39	6.09E-09
AC104971.4	SH3RF1	-0.39	6.03E-09
AC104971.4	GLIS3	-0.389	7.09E-09

AC104971.4	SDS	-0.388	7.54E-09
AC104971.4	S100A14	-0.388	7.38E-09
AC104971.4	WWC1	-0.387	8.31E-09
AC104971.4	GOT1	-0.387	8.42E-09
AC104971.4	SERPINB8	-0.386	9.68E-09
AC104971.4	GUCY2D	-0.386	9.68E-09
AC104971.4	FAM110C	-0.385	9.79E-09
AC104971.4	GPSM1	-0.385	9.71E-09
AC104971.4	SEMA5A	-0.384	1.13E-08
AC104971.4	BLNK	-0.383	1.21E-08
AC104971.4	SLC44A1	-0.382	1.32E-08
AC104971.4	SHROOM2	-0.382	1.37E-08
AC104971.4	FAHD2B	-0.382	1.32E-08
AC104971.4	ZDHHC11B	-0.382	1.31E-08
AC104971.4	CLDN7	-0.381	1.48E-08
AC104971.4	ENTPD8	-0.38	1.62E-08
AC104971.4	KIAA1671	-0.378	2.03E-08
AC104971.4	RAB27A	-0.378	1.95E-08
AC104971.4	DTX4	-0.378	1.95E-08
AC104971.4	TLE6	-0.377	2.25E-08
AC104971.4	C2orf88	-0.376	2.34E-08
AC104971.4	NBPF19	-0.374	2.85E-08
AC104971.4	PRSS12	-0.373	3.13E-08
AC104971.4	ARAP2	-0.373	3.15E-08
AC104971.4	MCC	-0.373	2.99E-08
AC104971.4	PCOLCE	-0.372	3.34E-08
AC104971.4	TC2N	-0.372	3.36E-08
AC104971.4	USP43	-0.372	3.52E-08
AC104971.4	FES	-0.372	3.43E-08
AC104971.4	PDGFA	-0.371	3.6E-08
AC104971.4	CYFIP2	-0.371	3.77E-08
AC104971.4	FOXA3	-0.37	4.18E-08
AC104971.4	ID2	-0.37	4.18E-08
AC104971.4	FBP1	-0.37	4.03E-08
AC104971.4	RGL3	-0.37	4.21E-08
AC104971.4	RAPGEF5	-0.369	4.33E-08
AC104971.4	SLC15A4	-0.369	4.47E-08
AC104971.4	EYS	-0.369	4.29E-08
AC104971.4	SUSD2	-0.368	4.92E-08
AC104971.4	ZFP92	-0.368	4.84E-08
AC104971.4	BSPRY	-0.368	4.98E-08
AC104971.4	ECE1	-0.367	5.32E-08
AC104971.4	MAP3K5	-0.366	6.02E-08

AC104971.4	FAM98B	-0.365	6.29E-08
AC104971.4	SLC45A3	-0.365	6.58E-08
AC104971.4	KRT7	-0.364	7.27E-08
AC104971.4	KIAA0040	-0.364	7.14E-08
AC104971.4	KPNA7	-0.363	7.56E-08
AC104971.4	COBL	-0.363	7.79E-08
AC104971.4	TPPP	-0.363	7.91E-08
AC104971.4	NOCT	-0.363	7.73E-08
AC104971.4	TMEM260	-0.363	7.94E-08
AC104971.4	CDA	-0.362	8.39E-08
AC104971.4	SLC1A7	-0.362	8.54E-08
AC104971.4	SYT12	-0.361	8.85E-08
AC104971.4	TBX15	-0.361	9.51E-08
AC104971.4	RGPD2	-0.36	9.72E-08
AC104971.4	CCDC187	-0.36	1.03E-07
AC104971.4	INPP1	-0.359	1.07E-07
AC104971.4	EGFR	-0.359	1.07E-07
AC104971.4	FAM83G	-0.359	1.1E-07
AC104971.4	FAM160A1	-0.357	1.25E-07
AC104971.4	HOOK2	-0.356	1.35E-07
AC104971.4	SLC2A13	-0.356	1.46E-07
AC104971.4	MCF2L	-0.355	1.49E-07
AC104971.4	DAB2IP	-0.353	1.82E-07
AC104971.4	SPATA6L	-0.353	1.8E-07
AC104971.4	FIGN	-0.351	2.21E-07
AC104971.4	PPFIBP1	-0.351	2.2E-07
AC104971.4	TBC1D2B	-0.351	2.09E-07
AC104971.4	MOGAT3	-0.351	2.19E-07
AC104971.4	KCNJ3	-0.35	2.4E-07
AC104971.4	PDE8A	-0.35	2.26E-07
AC104971.4	DSEL	-0.35	2.45E-07
AC104971.4	TMEM151A	-0.349	2.48E-07
AC104971.4	ZNF684	-0.348	2.89E-07
AC104971.4	CIB2	-0.348	2.84E-07
AC104971.4	EPO	-0.348	2.79E-07
AC104971.4	ABHD11	-0.348	2.76E-07
AC104971.4	OSBPL9	-0.348	2.86E-07
AC104971.4	TLN2	-0.348	2.7E-07
AC104971.4	PCSK9	-0.347	3.01E-07
AC104971.4	TCEA2	-0.347	3.01E-07
AC104971.4	A2M	-0.346	3.24E-07
AC104971.4	AGPAT2	-0.346	3.27E-07
AC104971.4	RAI14	-0.346	3.35E-07

AC104971.4	TPST1	-0.346	3.16E-07
AC104971.4	BLM	-0.345	3.68E-07
AC104971.4	FBXO17	-0.345	3.49E-07
AC104971.4	WNT4	-0.345	3.48E-07
AC104971.4	KCNT2	-0.344	3.88E-07
AC104971.4	AVPI1	-0.344	3.86E-07
AC104971.4	ALDOB	-0.343	4.18E-07
AC104971.4	SPAG1	-0.342	4.56E-07
AC104971.4	SAA4	-0.342	4.69E-07
AC104971.4	STK31	-0.342	4.74E-07
AC104971.4	ANGEL1	-0.341	5E-07
AC104971.4	GLS	-0.34	5.32E-07
AC104971.4	LMTK2	-0.34	5.47E-07
AC104971.4	LGI4	-0.34	5.2E-07
AC104971.4	IL1RAP	-0.34	5.59E-07
AC104971.4	RDH12	-0.34	5.56E-07
AC104971.4	RTN4R	-0.34	5.46E-07
AC104971.4	CSRP1	-0.34	5.37E-07
AC104971.4	ADSSL1	-0.339	5.95E-07
AC104971.4	DSG2	-0.339	5.78E-07
AC104971.4	ANKRD13A	-0.339	5.69E-07
AC104971.4	AMIGO2	-0.338	6.44E-07
AC104971.4	ODC1	-0.337	6.78E-07
AC104971.4	HPGD	-0.336	7.46E-07
AC104971.4	SCN9A	-0.336	7.5E-07
AC104971.4	LEFTY1	-0.336	7.32E-07
AC104971.4	ARG1	-0.336	7.35E-07
AC104971.4	LURAP1L	-0.336	7.16E-07
AC104971.4	TNFAIP8L1	-0.336	7.3E-07
AC104971.4	L3MBTL4	-0.336	7.36E-07
AC104971.4	CMYA5	-0.335	8.02E-07
AC104971.4	DGAT2	-0.334	8.84E-07
AC104971.4	IER2	-0.334	8.63E-07
AC104971.4	C5AR2	-0.333	9.68E-07
AC104971.4	CXXC4	-0.333	9.12E-07
AC104971.4	KRT86	-0.333	9.69E-07
AC104971.4	GLTP	-0.333	9.33E-07
AC104971.4	CACNA1D	-0.332	1.02E-06
AC104971.4	ARRDC2	-0.332	1.06E-06
AC104971.4	TMEM105	-0.332	1.01E-06
AC104971.4	SLC37A1	-0.331	1.11E-06
AC104971.4	SLC25A45	-0.331	1.12E-06
AC104971.4	TNNI1	-0.33	1.19E-06

AC104971.4	CXCL16	-0.33	1.21E-06
AC104971.4	RFC2	-0.33	1.2E-06
AC104971.4	DENND2C	-0.33	1.17E-06
AC104971.4	ABCC4	-0.33	1.18E-06
AC104971.4	INHBE	-0.33	1.15E-06
AC104971.4	SLC13A2	-0.33	1.21E-06
AC104971.4	TJP2	-0.33	1.24E-06
AC104971.4	NCALD	-0.329	1.25E-06
AC104971.4	TMEM123	-0.329	1.26E-06
AC104971.4	TNNT2	-0.328	1.42E-06
AC104971.4	NIPAL1	-0.328	1.4E-06
AC104971.4	CEBPG	-0.328	1.42E-06
AC104971.4	NRAP	-0.328	1.45E-06
AC104971.4	WBSCR28	-0.327	1.54E-06
AC104971.4	SAMD5	-0.327	1.56E-06
AC104971.4	RGS9	-0.327	1.47E-06
AC104971.4	NOL4L	-0.327	1.46E-06
AC104971.4	SMCO4	-0.326	1.63E-06
AC104971.4	EDA	-0.326	1.68E-06
AC104971.4	UNC119	-0.325	1.81E-06
AC104971.4	FXYD1	-0.325	1.8E-06
AC104971.4	SGSM1	-0.325	1.81E-06
AC104971.4	ZNF641	-0.324	1.97E-06
AC104971.4	ADTRP	-0.324	1.89E-06
AC104971.4	ZMYND15	-0.324	1.88E-06
AC104971.4	GRAMD1C	-0.324	1.99E-06
AC104971.4	FXYD3	-0.323	2.03E-06
AC104971.4	IGSF1	-0.323	2.13E-06
AC104971.4	TRNP1	-0.323	2.13E-06
AC104971.4	VWA3B	-0.323	2.14E-06
AC104971.4	MIDN	-0.322	2.25E-06
AC104971.4	AFF1	-0.322	2.24E-06
AC104971.4	FAM102B	-0.322	2.25E-06
AC104971.4	EPOR	-0.322	2.25E-06
AC104971.4	LIPH	-0.322	2.27E-06
AC104971.4	ZNF438	-0.322	2.25E-06
AC104971.4	MAP3K20	-0.321	2.42E-06
AC104971.4	BTC	-0.321	2.35E-06
AC104971.4	PDX1	-0.321	2.36E-06
AC104971.4	FGFR2	-0.321	2.47E-06
AC104971.4	MYO6	-0.321	2.39E-06
AC104971.4	ARHGEF10L	-0.32	2.64E-06
AC104971.4	ZYX	-0.32	2.52E-06

AC104971.4	VEZT	-0.32	2.65E-06
AC104971.4	KDELR3	-0.319	2.82E-06
AC104971.4	IL15RA	-0.319	2.86E-06
AC104971.4	STXBP5	-0.319	2.83E-06
AC104971.4	C12orf76	-0.318	2.91E-06
AC104971.4	ZNF624	-0.318	2.96E-06
AC104971.4	HMCN2	-0.317	3.16E-06
AC104971.4	CPM	-0.317	3.22E-06
AC104971.4	LGALS3	-0.316	3.48E-06
AC104971.4	HABP2	-0.316	3.5E-06
AC104971.4	EBF4	-0.316	3.62E-06
AC104971.4	ENTPD2	-0.316	3.53E-06
AC104971.4	PLEKHA6	-0.315	3.72E-06
AC104971.4	PLEKHG6	-0.315	3.71E-06
AC104971.4	SFI1	-0.314	4.07E-06
AC104971.4	FAM131B	-0.314	4.15E-06
AC104971.4	ZFYVE16	-0.314	4.16E-06
AC104971.4	SLC27A3	-0.314	4.14E-06
AC104971.4	MPC1	-0.314	4.22E-06
AC104971.4	UROC1	-0.314	4.05E-06
AC104971.4	PALM2	-0.314	4.22E-06
AC104971.4	SLC12A9	-0.314	4.1E-06
AC104971.4	TLR5	-0.313	4.33E-06
AC104971.4	TTC39C	-0.313	4.36E-06
AC104971.4	RND1	-0.312	4.83E-06
AC104971.4	ZNF618	-0.312	4.64E-06
AC104971.4	PLP2	-0.312	4.68E-06
AC104971.4	STX2	-0.312	4.7E-06
AC104971.4	PLCH2	-0.312	4.74E-06
AC104971.4	MELTF	-0.311	4.97E-06
AC104971.4	ZDHHC23	-0.311	5.24E-06
AC104971.4	NBPF14	-0.311	4.92E-06
AC104971.4	LAD1	-0.311	5.01E-06
AC104971.4	DISP2	-0.311	5.21E-06
AC104971.4	NBPF20	-0.311	4.96E-06
AC104971.4	PLA2G4E	-0.311	5.1E-06
AC104971.4	EPS8L2	-0.311	5.19E-06
AC104971.4	PLEKHG3	-0.311	5.16E-06
AC104971.4	SULT1A2	-0.31	5.4E-06
AC104971.4	CNTN4	-0.31	5.68E-06
AC104971.4	LRRC75A	-0.31	5.46E-06
AC104971.4	CCL25	-0.309	6.11E-06
AC104971.4	GEN1	-0.309	6E-06

AC104971.4	PLCL2	-0.309	5.83E-06
AC104971.4	SULT1A1	-0.309	6.11E-06
AC104971.4	TM4SF4	-0.309	5.96E-06
AC104971.4	CALCB	-0.308	6.42E-06
AC104971.4	CRCP	-0.308	6.45E-06
AC104971.4	DENND2D	-0.308	6.24E-06
AC104971.4	PLEKHH2	-0.308	6.12E-06
AC104971.4	CCDC68	-0.307	6.82E-06
AC104971.4	TMEM184A	-0.307	6.89E-06
AC104971.4	C3orf80	-0.307	6.82E-06
AC104971.4	TLCD2	-0.307	7.02E-06
AC104971.4	ZNF311	-0.307	6.63E-06
AC104971.4	MROH7	-0.307	7.02E-06
AC104971.4	F2RL1	-0.307	6.8E-06
AC104971.4	KCNJ4	-0.307	6.97E-06
AC104971.4	WEE1	-0.306	7.56E-06
AC104971.4	RIC8B	-0.306	7.21E-06
AC104971.4	PTGFR	-0.306	7.47E-06
AC104971.4	HNF4G	-0.306	7.36E-06
AC104971.4	FAAH2	-0.306	7.47E-06
AC104971.4	SLC15A1	-0.306	7.28E-06
AC104971.4	MEST	-0.306	7.58E-06
AC104971.4	RBM47	-0.306	7.38E-06
AC104971.4	KLHL42	-0.306	7.13E-06
AC104971.4	SAXO2	-0.305	7.69E-06
AC104971.4	TMEM191C	-0.305	7.67E-06
AC104971.4	ASRGL1	-0.305	8.15E-06
AC104971.4	TPH1	-0.305	7.77E-06
AC104971.4	DPYD	-0.304	8.77E-06
AC104971.4	ELFN2	-0.304	8.55E-06
AC104971.4	SERPINE1	-0.304	8.2E-06
AC104971.4	KRT81	-0.304	8.72E-06
AC104971.4	HES1	-0.304	8.7E-06
AC104971.4	ACKR3	-0.304	8.49E-06
AC104971.4	MAB21L2	-0.303	8.85E-06
AC104971.4	GRHL1	-0.303	8.97E-06
AC104971.4	NBPF9	-0.303	9.06E-06
AC104971.4	PRH1	-0.303	8.96E-06
AC104971.4	ENHO	-0.303	9.37E-06
AC104971.4	PLXNC1	-0.303	8.94E-06
AC104971.4	RFK	-0.303	9.18E-06
AC104971.4	GDPD4	-0.303	9.17E-06
AC104971.4	CDC42EP1	-0.302	9.44E-06

AC104971.4	CDCA7L	-0.302	9.81E-06
AC104971.4	GDA	-0.302	1.01E-05
AC104971.4	CCDC112	-0.301	1.02E-05
AC104971.4	KATNBL1	-0.301	1.07E-05
AC104971.4	DLGAP2	-0.301	1.06E-05
AC104971.4	DNASE1L2	0.301	1.07E-05
AC104971.4	KANK1	0.301	1.02E-05
AC104971.4	SH3BP5	0.301	1.03E-05
AC104971.4	BTN2A2	0.301	1.01E-05
AC104971.4	NUDT6	0.301	1.07E-05
AC104971.4	PAQR8	0.301	1.08E-05
AC104971.4	MOCS3	0.301	1.04E-05
AC104971.4	QRICH1	0.302	1E-05
AC104971.4	JAK1	0.302	9.78E-06
AC104971.4	ARHGEF28	0.302	9.87E-06
AC104971.4	TMEM169	0.302	9.5E-06
AC104971.4	ONECUT3	0.302	9.87E-06
AC104971.4	ABLIM1	0.303	8.86E-06
AC104971.4	DLX1	0.304	8.48E-06
AC104971.4	TOX3	0.305	7.7E-06
AC104971.4	SIAH2	0.305	7.86E-06
AC104971.4	ZBTB10	0.305	7.66E-06
AC104971.4	RAB11FIP2	0.305	7.75E-06
AC104971.4	ITPR2	0.305	7.99E-06
AC104971.4	LAP3	0.306	7.13E-06
AC104971.4	CAP2	0.307	6.58E-06
AC104971.4	LGALS8	0.307	6.85E-06
AC104971.4	BANF2	0.307	7.02E-06
AC104971.4	LPIN1	0.307	6.85E-06
AC104971.4	PRKAA2	0.307	6.88E-06
AC104971.4	PARD3B	0.307	6.61E-06
AC104971.4	AQP5	0.308	6.28E-06
AC104971.4	ANKRD29	0.308	6.41E-06
AC104971.4	GOLGA7B	0.308	6.32E-06
AC104971.4	TERF2	0.309	5.82E-06
AC104971.4	SPCS1	0.309	6.05E-06
AC104971.4	NRP1	0.309	6.07E-06
AC104971.4	ZNF652	0.309	6.08E-06
AC104971.4	SLC6A4	0.309	5.69E-06
AC104971.4	SLC2A12	0.309	6.02E-06
AC104971.4	WASHC2A	0.309	5.72E-06
AC104971.4	ZNFX1	0.309	6.03E-06
AC104971.4	NARS2	0.31	5.32E-06

AC104971.4	EIF2B4	0.31	5.48E-06
AC104971.4	ARL6IP5	0.31	5.59E-06
AC104971.4	TP63	0.31	5.67E-06
AC104971.4	ARMT1	0.31	5.65E-06
AC104971.4	SGPL1	0.31	5.3E-06
AC104971.4	ITGA2	0.311	4.98E-06
AC104971.4	KIAA1755	0.311	5.04E-06
AC104971.4	THADA	0.311	5.07E-06
AC104971.4	USP7	0.311	5.14E-06
AC104971.4	C3orf58	0.312	4.88E-06
AC104971.4	SCRN1	0.312	4.89E-06
AC104971.4	RNF217	0.312	4.78E-06
AC104971.4	CTTNBP2	0.313	4.32E-06
AC104971.4	HRASLS2	0.313	4.34E-06
AC104971.4	SLC25A14	0.314	3.93E-06
AC104971.4	GMPR	0.314	3.99E-06
AC104971.4	STMN4	0.314	4.15E-06
AC104971.4	MYH7B	0.315	3.89E-06
AC104971.4	FAM83D	0.316	3.44E-06
AC104971.4	ZNRF3	0.316	3.54E-06
AC104971.4	L3HYPDH	0.316	3.56E-06
AC104971.4	SORD	0.316	3.44E-06
AC104971.4	GTF2E1	0.316	3.58E-06
AC104971.4	DNAH12	0.316	3.59E-06
AC104971.4	ADH6	0.316	3.58E-06
AC104971.4	DSG1	0.316	3.49E-06
AC104971.4	SNX25	0.316	3.49E-06
AC104971.4	CAVIN2	0.316	3.44E-06
AC104971.4	HTR4	0.317	3.38E-06
AC104971.4	NPR2	0.317	3.27E-06
AC104971.4	EPN1	0.317	3.29E-06
AC104971.4	RANBP3L	0.317	3.36E-06
AC104971.4	TRIM27	0.318	3.12E-06
AC104971.4	TGIF1	0.318	2.94E-06
AC104971.4	LRRN4	0.318	3.02E-06
AC104971.4	FOXP1	0.319	2.86E-06
AC104971.4	TPRG1	0.319	2.79E-06
AC104971.4	KAT2B	0.32	2.55E-06
AC104971.4	AGFG2	0.32	2.51E-06
AC104971.4	TBC1D4	0.32	2.69E-06
AC104971.4	KCNJ9	0.32	2.6E-06
AC104971.4	IGSF8	0.32	2.69E-06
AC104971.4	PKD2L1	0.321	2.35E-06

AC104971.4	AHR	0.321	2.38E-06
AC104971.4	TXK	0.321	2.42E-06
AC104971.4	CUX2	0.322	2.17E-06
AC104971.4	ZBTB18	0.322	2.3E-06
AC104971.4	NXPH3	0.322	2.28E-06
AC104971.4	HHIPL2	0.323	2.01E-06
AC104971.4	RNF128	0.323	2.1E-06
AC104971.4	RDH5	0.324	1.96E-06
AC104971.4	OSR1	0.324	1.89E-06
AC104971.4	TIMM8A	0.325	1.74E-06
AC104971.4	ELK4	0.325	1.73E-06
AC104971.4	HSDL2	0.325	1.76E-06
AC104971.4	PLPP1	0.325	1.76E-06
AC104971.4	AHCYL1	0.326	1.61E-06
AC104971.4	EIF3E	0.326	1.66E-06
AC104971.4	HHAT	0.326	1.66E-06
AC104971.4	KIAA1551	0.326	1.64E-06
AC104971.4	TSEN2	0.326	1.6E-06
AC104971.4	AMPD2	0.326	1.61E-06
AC104971.4	ACSM6	0.326	1.62E-06
AC104971.4	SLC38A11	0.327	1.52E-06
AC104971.4	ARL4A	0.327	1.5E-06
AC104971.4	ADRB2	0.328	1.36E-06
AC104971.4	ZNF398	0.328	1.4E-06
AC104971.4	EPOP	0.328	1.38E-06
AC104971.4	FAM3B	0.329	1.28E-06
AC104971.4	CYP1A1	0.329	1.34E-06
AC104971.4	PPEF1	0.329	1.26E-06
AC104971.4	CLP1	0.33	1.25E-06
AC104971.4	DDX24	0.33	1.24E-06
AC104971.4	TERB2	0.33	1.22E-06
AC104971.4	CTNNBIP1	0.33	1.21E-06
AC104971.4	DUT	0.331	1.13E-06
AC104971.4	UCN2	0.331	1.08E-06
AC104971.4	AQP9	0.331	1.08E-06
AC104971.4	ZNF703	0.331	1.08E-06
AC104971.4	NR2F1	0.331	1.13E-06
AC104971.4	FBXO32	0.331	1.11E-06
AC104971.4	TMEM268	0.331	1.1E-06
AC104971.4	FGF2	0.331	1.15E-06
AC104971.4	BOK	0.331	1.09E-06
AC104971.4	USP54	0.332	1.02E-06
AC104971.4	AIMP1	0.332	9.97E-07

AC104971.4	CCNY	0.332	1.01E-06
AC104971.4	WWC3	0.332	1E-06
AC104971.4	CELF6	0.333	9.2E-07
AC104971.4	SP6	0.334	8.83E-07
AC104971.4	GTF3C5	0.334	9.03E-07
AC104971.4	SRGAP3	0.334	8.56E-07
AC104971.4	ATP6V0E2	0.336	7.29E-07
AC104971.4	DKK3	0.336	7.18E-07
AC104971.4	KLHDC9	0.336	7.4E-07
AC104971.4	IRX5	0.336	7.68E-07
AC104971.4	SMPX	0.337	6.94E-07
AC104971.4	NBAS	0.337	6.64E-07
AC104971.4	SLC16A4	0.337	6.89E-07
AC104971.4	SNAI2	0.338	6.41E-07
AC104971.4	ZHX2	0.338	6.4E-07
AC104971.4	LRP2BP	0.338	6.28E-07
AC104971.4	SLC16A12	0.338	6.46E-07
AC104971.4	CYP2E1	0.338	6.23E-07
AC104971.4	SBSPON	0.339	5.67E-07
AC104971.4	LINC00238	0.339	5.97E-07
AC104971.4	MINPP1	0.339	5.86E-07
AC104971.4	CRIM1	0.34	5.37E-07
AC104971.4	MMP24	0.34	5.46E-07
AC104971.4	HTR1D	0.341	4.87E-07
AC104971.4	SLC22A12	0.341	5.1E-07
AC104971.4	CPLX2	0.341	4.92E-07
AC104971.4	ZNF691	0.342	4.55E-07
AC104971.4	CDK6	0.342	4.69E-07
AC104971.4	FAM169A	0.342	4.44E-07
AC104971.4	G3BP1	0.342	4.72E-07
AC104971.4	DKK4	0.343	4.12E-07
AC104971.4	RXRG	0.343	4.13E-07
AC104971.4	LYPLAL1	0.343	4.14E-07
AC104971.4	NECAB1	0.343	4.2E-07
AC104971.4	E4F1	0.343	4.17E-07
AC104971.4	PIM1	0.344	3.8E-07
AC104971.4	DNAJC12	0.344	3.81E-07
AC104971.4	GNPAT	0.344	3.9E-07
AC104971.4	HIBADH	0.344	3.85E-07
AC104971.4	CASS4	0.345	3.47E-07
AC104971.4	PPP3R1	0.346	3.38E-07
AC104971.4	PSMD10	0.347	3.02E-07
AC104971.4	UPRT	0.347	3.07E-07

AC104971.4	IRS1	0.347	3.05E-07
AC104971.4	SLC12A1	0.348	2.67E-07
AC104971.4	MID1	0.348	2.73E-07
AC104971.4	NFIX	0.348	2.87E-07
AC104971.4	PRKN	0.349	2.48E-07
AC104971.4	LNPK	0.35	2.43E-07
AC104971.4	CYP3A4	0.35	2.41E-07
AC104971.4	ONECUT2	0.35	2.29E-07
AC104971.4	EBPL	0.35	2.28E-07
AC104971.4	TG	0.351	2.19E-07
AC104971.4	TBCK	0.351	2.22E-07
AC104971.4	ITGA6	0.351	2.19E-07
AC104971.4	SLC3A2	0.351	2.22E-07
AC104971.4	UGT1A3	0.351	2.22E-07
AC104971.4	ZNF775	0.352	1.96E-07
AC104971.4	NKRF	0.352	1.94E-07
AC104971.4	KIAA1549	0.352	2.03E-07
AC104971.4	ACER1	0.354	1.64E-07
AC104971.4	PHACTR1	0.354	1.66E-07
AC104971.4	SHISA4	0.354	1.61E-07
AC104971.4	TMEM245	0.355	1.57E-07
AC104971.4	GGH	0.355	1.53E-07
AC104971.4	TRIM54	0.355	1.53E-07
AC104971.4	SEC13	0.355	1.55E-07
AC104971.4	CHMP1B	0.356	1.45E-07
AC104971.4	LRRC8D	0.356	1.36E-07
AC104971.4	ABHD1	0.356	1.44E-07
AC104971.4	RAP1GDS1	0.357	1.31E-07
AC104971.4	SLC16A11	0.358	1.21E-07
AC104971.4	LPCAT2	0.358	1.22E-07
AC104971.4	SH3RF3	0.359	1.09E-07
AC104971.4	IL1RAPL1	0.359	1.1E-07
AC104971.4	B4GALNT3	0.36	1.03E-07
AC104971.4	XKRX	0.36	9.53E-08
AC104971.4	PITPNC1	0.36	1E-07
AC104971.4	NUBPL	0.36	1.02E-07
AC104971.4	TIMM17A	0.36	9.78E-08
AC104971.4	INTS12	0.362	8.46E-08
AC104971.4	PIAS1	0.362	8.64E-08
AC104971.4	SMAD3	0.362	8.67E-08
AC104971.4	IGDCC3	0.362	8.37E-08
AC104971.4	MCUR1	0.363	7.94E-08
AC104971.4	C11orf58	0.365	6.17E-08

AC104971.4	SAMHD1	0.365	6.46E-08
AC104971.4	FAM13C	0.365	6.62E-08
AC104971.4	RBM24	0.366	5.96E-08
AC104971.4	FAM43A	0.366	5.93E-08
AC104971.4	RAD54L2	0.367	5.47E-08
AC104971.4	NRBP1	0.368	4.81E-08
AC104971.4	BCL6	0.368	5.04E-08
AC104971.4	C9orf152	0.368	5.11E-08
AC104971.4	GSTM3	0.369	4.29E-08
AC104971.4	PHLPP1	0.369	4.63E-08
AC104971.4	PHLDA1	0.369	4.49E-08
AC104971.4	KDM4C	0.369	4.45E-08
AC104971.4	AC010531.1	0.37	4.04E-08
AC104971.4	VAMP3	0.372	3.44E-08
AC104971.4	CACNA2D3	0.373	3.16E-08
AC104971.4	LIN7A	0.373	3.07E-08
AC104971.4	FERMT1	0.374	2.89E-08
AC104971.4	ZCCHC12	0.374	2.93E-08
AC104971.4	ASB4	0.375	2.67E-08
AC104971.4	GREB1	0.375	2.5E-08
AC104971.4	GALR3	0.375	2.59E-08
AC104971.4	CRYZ	0.376	2.43E-08
AC104971.4	SLC13A3	0.376	2.3E-08
AC104971.4	ACSL5	0.376	2.36E-08
AC104971.4	BCAP31	0.376	2.33E-08
AC104971.4	KDM2B	0.377	2.24E-08
AC104971.4	RRAGA	0.377	2.18E-08
AC104971.4	CEP68	0.377	2.12E-08
AC104971.4	PACRG	0.378	2.03E-08
AC104971.4	GTF2B	0.378	2.04E-08
AC104971.4	LRRC36	0.378	1.96E-08
AC104971.4	SLC7A11	0.378	1.89E-08
AC104971.4	PTCD3	0.379	1.74E-08
AC104971.4	TMEM150C	0.379	1.77E-08
AC104971.4	MYO3B	0.379	1.8E-08
AC104971.4	HLF	0.38	1.56E-08
AC104971.4	VSTM4	0.38	1.62E-08
AC104971.4	UST	0.38	1.65E-08
AC104971.4	TAF8	0.381	1.5E-08
AC104971.4	ROCK2	0.382	1.38E-08
AC104971.4	IGSF10	0.382	1.33E-08
AC104971.4	PGM5	0.384	1.17E-08
AC104971.4	TBCA	0.385	9.72E-09

AC104971.4	NFATC3	0.385	1.05E-08
AC104971.4	DPP4	0.385	1.04E-08
AC104971.4	TNFAIP3	0.385	9.97E-09
AC104971.4	NFXL1	0.386	9.58E-09
AC104971.4	TBX3	0.387	8.52E-09
AC104971.4	LMOD1	0.391	5.9E-09
AC104971.4	CBLN4	0.392	5.19E-09
AC104971.4	ZNF282	0.393	4.89E-09
AC104971.4	TBC1D9	0.394	4.16E-09
AC104971.4	ATXN7L3B	0.394	4.36E-09
AC104971.4	CBR1	0.394	4.37E-09
AC104971.4	HEXA	0.395	3.9E-09
AC104971.4	MAGEB17	0.395	3.94E-09
AC104971.4	LYZ	0.395	4.05E-09
AC104971.4	RHBG	0.396	3.58E-09
AC104971.4	HIRIP3	0.396	3.41E-09
AC104971.4	CD36	0.397	3.07E-09
AC104971.4	C20orf204	0.397	3.31E-09
AC104971.4	EDARADD	0.398	2.97E-09
AC104971.4	DNAJC5G	0.398	2.8E-09
AC104971.4	LRRTM1	0.398	2.74E-09
AC104971.4	HAUS4	0.399	2.5E-09
AC104971.4	CYB5B	0.399	2.48E-09
AC104971.4	SLC30A3	0.399	2.58E-09
AC104971.4	SLC16A1	0.399	2.67E-09
AC104971.4	RNF43	0.4	2.36E-09
AC104971.4	HSDL1	0.4	2.41E-09
AC104971.4	C1orf112	0.4	2.27E-09
AC104971.4	CACNG1	0.402	1.95E-09
AC104971.4	PAGE4	0.403	1.83E-09
AC104971.4	CLDN2	0.403	1.68E-09
AC104971.4	CCDC138	0.404	1.53E-09
AC104971.4	LEF1	0.404	1.55E-09
AC104971.4	GALNT1	0.405	1.47E-09
AC104971.4	GNAI1	0.405	1.39E-09
AC104971.4	ACSL6	0.406	1.28E-09
AC104971.4	OSR2	0.407	1.21E-09
AC104971.4	ALDH3A1	0.407	1.19E-09
AC104971.4	BEND5	0.408	1.04E-09
AC104971.4	LAPTM4A	0.408	1.1E-09
AC104971.4	SULT2B1	0.408	1E-09
AC104971.4	SERTAD4	0.408	1.08E-09
AC104971.4	INSIG2	0.409	9.41E-10

AC104971.4	ZCCHC6	0.409	9.35E-10
AC104971.4	NMT2	0.409	9.11E-10
AC104971.4	SLC22A11	0.41	8.34E-10
AC104971.4	LGR5	0.41	8.26E-10
AC104971.4	AC131097.2	0.41	8.62E-10
AC104971.4	NEK5	0.411	8.04E-10
AC104971.4	TCEAL1	0.411	8.08E-10
AC104971.4	LEPROT	0.412	6.67E-10
AC104971.4	HDAC4	0.412	6.94E-10
AC104971.4	PHYHIPL	0.413	5.99E-10
AC104971.4	ABCG2	0.413	6E-10
AC104971.4	TMCC1	0.414	5.64E-10
AC104971.4	SAMM50	0.414	5.58E-10
AC104971.4	AMER1	0.415	4.98E-10
AC104971.4	LIMS1	0.415	5.11E-10
AC104971.4	BLCAP	0.415	4.83E-10
AC104971.4	RBP1	0.416	4.33E-10
AC104971.4	ARIH1	0.416	4.69E-10
AC104971.4	RIPPLY1	0.417	4.3E-10
AC104971.4	FBXL5	0.417	4.13E-10
AC104971.4	IFNGR1	0.419	3.29E-10
AC104971.4	CENPX	0.419	3.43E-10
AC104971.4	CCDC170	0.42	3.08E-10
AC104971.4	POLN	0.421	2.63E-10
AC104971.4	TMEM2	0.422	2.39E-10
AC104971.4	USH1C	0.423	2.15E-10
AC104971.4	ADCY8	0.423	2.28E-10
AC104971.4	SMIM2	0.423	2.16E-10
AC104971.4	RASL10B	0.424	1.98E-10
AC104971.4	PTPRG	0.424	1.98E-10
AC104971.4	MATN3	0.425	1.71E-10
AC104971.4	TMEM100	0.426	1.64E-10
AC104971.4	BIK	0.426	1.52E-10
AC104971.4	PRAG1	0.426	1.64E-10
AC104971.4	TEDDM1	0.426	1.49E-10
AC104971.4	43167	0.426	1.56E-10
AC104971.4	BMP1	0.426	1.52E-10
AC104971.4	CAAP1	0.428	1.27E-10
AC104971.4	SMYD2	0.429	1.1E-10
AC104971.4	SLC30A2	0.43	9.78E-11
AC104971.4	SNTG1	0.431	8.94E-11
AC104971.4	ZNF385D	0.432	7.76E-11
AC104971.4	SLC45A2	0.433	6.88E-11

AC104971.4	YPEL1	0.434	6.63E-11
AC104971.4	AP3S1	0.434	6.33E-11
AC104971.4	ANKRD37	0.435	5.6E-11
AC104971.4	COQ8A	0.435	5.73E-11
AC104971.4	TRPM3	0.436	5.33E-11
AC104971.4	FAM49B	0.436	5.01E-11
AC104971.4	FOXRED2	0.438	4E-11
AC104971.4	PLCG1	0.438	4.09E-11
AC104971.4	BCL2L1	0.44	3.15E-11
AC104971.4	TMEM109	0.442	2.51E-11
AC104971.4	PLPPR1	0.442	2.67E-11
AC104971.4	NOTUM	0.443	2.33E-11
AC104971.4	MDGA1	0.444	2.02E-11
AC104971.4	MME	0.444	2.12E-11
AC104971.4	FBXO31	0.444	2.05E-11
AC104971.4	CRLS1	0.445	1.77E-11
AC104971.4	MAP3K8	0.446	1.6E-11
AC104971.4	IMPAD1	0.446	1.55E-11
AC104971.4	RGSL1	0.447	1.54E-11
AC104971.4	SLC5A6	0.447	1.48E-11
AC104971.4	SLC6A2	0.447	1.46E-11
AC104971.4	CRTAP	0.447	1.38E-11
AC104971.4	PPP1R2	0.448	1.28E-11
AC104971.4	GRK3	0.448	1.29E-11
AC104971.4	FITM2	0.449	1.16E-11
AC104971.4	RAB30	0.451	9.18E-12
AC104971.4	HABP4	0.451	9.29E-12
AC104971.4	SLC6A20	0.452	7.93E-12
AC104971.4	SAXO1	0.452	8.52E-12
AC104971.4	NEK3	0.454	6.09E-12
AC104971.4	SVBP	0.454	6.06E-12
AC104971.4	GLT8D1	0.454	6.25E-12
AC104971.4	REG3A	0.454	6.29E-12
AC104971.4	SLC6A7	0.455	5.45E-12
AC104971.4	C20orf196	0.456	5.31E-12
AC104971.4	ROR1	0.457	4.66E-12
AC104971.4	HTR2B	0.457	4.22E-12
AC104971.4	CACNB4	0.458	3.77E-12
AC104971.4	SLC7A6	0.458	3.84E-12
AC104971.4	RHBDL3	0.459	3.55E-12
AC104971.4	ATP1A2	0.46	3.1E-12
AC104971.4	TEC	0.462	2.29E-12
AC104971.4	STARD13	0.463	2.27E-12

AC104971.4	ORAI1	0.464	1.96E-12
AC104971.4	AMACR	0.465	1.72E-12
AC104971.4	PGC	0.469	1.06E-12
AC104971.4	ACTN2	0.469	1.03E-12
AC104971.4	GCM1	0.469	1.06E-12
AC104971.4	CTNNB1	0.47	9.29E-13
AC104971.4	SULT4A1	0.472	6.88E-13
AC104971.4	SP5	0.475	4.56E-13
AC104971.4	THSD1	0.479	2.94E-13
AC104971.4	ADGRF1	0.479	2.89E-13
AC104971.4	KCNU1	0.48	2.43E-13
AC104971.4	CPPED1	0.48	2.56E-13
AC104971.4	ASPSCR1	0.481	2.35E-13
AC104971.4	LGI3	0.481	2.1E-13
AC104971.4	TSC22D1	0.484	1.43E-13
AC104971.4	ZNF503	0.485	1.3E-13
AC104971.4	CCR3	0.486	1.19E-13
AC104971.4	MERTK	0.49	6.95E-14
AC104971.4	ASIC1	0.49	6.6E-14
AC104971.4	PREB	0.491	5.54E-14
AC104971.4	PANX1	0.492	5.27E-14
AC104971.4	FAM8A1	0.494	3.83E-14
AC104971.4	TCF7	0.495	3.27E-14
AC104971.4	RHOBTB1	0.496	3.03E-14
AC104971.4	UGGT1	0.497	2.65E-14
AC104971.4	43347	0.498	2.39E-14
AC104971.4	AXIN2	0.498	2.16E-14
AC104971.4	CORIN	0.499	2E-14
AC104971.4	CTNNBL1	0.5	1.65E-14
AC104971.4	ADIG	0.5	1.72E-14
AC104971.4	LRRC52	0.5	1.8E-14
AC104971.4	ANKFN1	0.504	9.18E-15
AC104971.4	GRPR	0.507	6.21E-15
AC104971.4	CTNNA2	0.507	6.35E-15
AC104971.4	COL7A1	0.507	6.2E-15
AC104971.4	HEPACAM	0.507	6.25E-15
AC104971.4	WASHC3	0.51	4.35E-15
AC104971.4	ODAM	0.51	4.1E-15
AC104971.4	CST1	0.512	3.15E-15
AC104971.4	TGM4	0.514	2.28E-15
AC104971.4	TNFRSF9	0.518	1.28E-15
AC104971.4	TRIB2	0.518	1.37E-15
AC104971.4	LHFPL1	0.519	1.11E-15

AC104971.4	ICK	0.521	8.08E-16
AC104971.4	TNFRSF19	0.522	7.05E-16
AC104971.4	TTC9	0.524	5.72E-16
AC104971.4	BMP4	0.524	5.8E-16
AC104971.4	IQCH	0.527	3.24E-16
AC104971.4	GLUL	0.527	3.27E-16
AC104971.4	EPHB2	0.529	2.35E-16
AC104971.4	FRMD3	0.535	9.95E-17
AC104971.4	RSPO2	0.535	1.06E-16
AC104971.4	ENOX1	0.535	9.68E-17
AC104971.4	MYH3	0.537	7.11E-17
AC104971.4	AQP6	0.541	4.21E-17
AC104971.4	VEGFD	0.542	3.18E-17
AC104971.4	NKD1	0.542	3.3E-17
AC104971.4	IL12RB2	0.543	2.98E-17
AC104971.4	RASGRF1	0.549	1.17E-17
AC104971.4	CACNA1I	0.553	5.88E-18
AC104971.4	SLC14A2	0.554	4.93E-18
AC104971.4	LAMA3	0.557	3.01E-18
AC104971.4	STRIP1	0.558	2.61E-18
AC104971.4	CA5B	0.559	2.2E-18
AC104971.4	DISC1	0.567	5.29E-19
AC104971.4	C1orf64	0.568	4.32E-19
AC104971.4	KLK4	0.568	4.3E-19
AC104971.4	LUZP2	0.592	5.51E-21
AC104971.4	SLC22A4	0.594	4.07E-21
AC104971.4	DYNC1I1	0.596	2.62E-21
AC104971.4	C1QTNF3	0.598	1.85E-21
AC104971.4	SPARCL1	0.629	3.14E-24
AC104971.4	TSPAN5	0.636	6.94E-25
AC104971.4	TBX4	0.642	2.05E-25
AC104971.4	PRR5L	0.651	2.44E-26
AC104971.4	CDH22	0.651	2.29E-26
AP006285.2	FOXP1	-0.423	2.1E-10
AP006285.2	CPLX2	-0.422	2.36E-10
AP006285.2	SLC2A1	-0.412	7.21E-10
AP006285.2	EFNA4	-0.403	1.75E-09
AP006285.2	SHISA4	-0.398	2.77E-09
AP006285.2	CCT3	-0.393	4.93E-09
AP006285.2	RALY	-0.391	5.73E-09
AP006285.2	TNIP2	-0.388	7.32E-09
AP006285.2	ABCB6	-0.377	2.1E-08
AP006285.2	TMEM50A	-0.375	2.71E-08

AP006285.2	NUTF2	-0.375	2.54E-08
AP006285.2	NDRG3	-0.374	2.91E-08
AP006285.2	DPY30	-0.371	3.84E-08
AP006285.2	ANXA2	-0.371	3.74E-08
AP006285.2	NECAB1	-0.37	4.17E-08
AP006285.2	COA6	-0.368	4.74E-08
AP006285.2	AKR1C3	-0.368	5.02E-08
AP006285.2	THADA	-0.366	5.88E-08
AP006285.2	SLC38A6	-0.365	6.42E-08
AP006285.2	TSPO	-0.363	7.69E-08
AP006285.2	JPT1	-0.362	8.64E-08
AP006285.2	TKT	-0.362	8.24E-08
AP006285.2	SPP1	-0.361	9.17E-08
AP006285.2	ASIC1	-0.361	9.39E-08
AP006285.2	CLIC1	-0.361	9.27E-08
AP006285.2	GNPAT	-0.36	9.61E-08
AP006285.2	CRTAP	-0.358	1.16E-07
AP006285.2	GPX2	-0.356	1.4E-07
AP006285.2	EFNA3	-0.355	1.6E-07
AP006285.2	UFC1	-0.354	1.73E-07
AP006285.2	ALDOA	-0.353	1.78E-07
AP006285.2	PSMD4	-0.352	2.02E-07
AP006285.2	LMNA	-0.352	1.98E-07
AP006285.2	GLA	-0.351	2.12E-07
AP006285.2	FAM217B	-0.351	2.09E-07
AP006285.2	SH3BGRL3	-0.35	2.43E-07
AP006285.2	SLC25A6	-0.35	2.26E-07
AP006285.2	SULT2B1	-0.349	2.55E-07
AP006285.2	SVBP	-0.348	2.79E-07
AP006285.2	GNAL	-0.348	2.8E-07
AP006285.2	EIF3D	-0.348	2.83E-07
AP006285.2	ALDH3A1	-0.347	3.1E-07
AP006285.2	NPM1	-0.347	3.07E-07
AP006285.2	BCAS4	-0.345	3.43E-07
AP006285.2	BAMBI	-0.345	3.43E-07
AP006285.2	GDF15	-0.344	3.72E-07
AP006285.2	EIF3E	-0.344	3.84E-07
AP006285.2	TRIM54	-0.343	4.32E-07
AP006285.2	ZNF775	-0.342	4.66E-07
AP006285.2	CACYBP	-0.341	5.06E-07
AP006285.2	MAF1	-0.341	5.08E-07
AP006285.2	PPM1G	-0.339	5.62E-07
AP006285.2	TSN	-0.338	6.4E-07

AP006285.2	ZNF703	-0.338	6.47E-07
AP006285.2	CAPNS1	-0.337	7.14E-07
AP006285.2	NME1	-0.337	6.82E-07
AP006285.2	NSMCE2	-0.336	7.6E-07
AP006285.2	G6PD	-0.335	8.22E-07
AP006285.2	FIBCD1	-0.333	9.09E-07
AP006285.2	IGBP1	-0.332	1.02E-06
AP006285.2	SERPINB1	-0.332	1.05E-06
AP006285.2	CDC123	-0.331	1.13E-06
AP006285.2	MPP3	-0.331	1.11E-06
AP006285.2	KARS	-0.33	1.19E-06
AP006285.2	MPV17	-0.33	1.2E-06
AP006285.2	NOL3	-0.329	1.27E-06
AP006285.2	ZNF581	-0.329	1.29E-06
AP006285.2	DYNLRB1	-0.329	1.33E-06
AP006285.2	NELFE	-0.329	1.34E-06
AP006285.2	PKN1	-0.329	1.28E-06
AP006285.2	HSP90AB1	-0.328	1.43E-06
AP006285.2	TMEM55A	-0.327	1.52E-06
AP006285.2	EPS8L3	-0.327	1.48E-06
AP006285.2	POLR2H	-0.327	1.57E-06
AP006285.2	HMGA1	-0.326	1.64E-06
AP006285.2	BZW2	-0.326	1.66E-06
AP006285.2	PARVB	-0.326	1.58E-06
AP006285.2	ATP6V0E1	-0.325	1.78E-06
AP006285.2	MTMR11	-0.325	1.81E-06
AP006285.2	RAB11A	-0.325	1.74E-06
AP006285.2	MRPS23	-0.325	1.8E-06
AP006285.2	TRIM16L	-0.324	1.91E-06
AP006285.2	SIRT7	-0.324	1.93E-06
AP006285.2	KDELRL1	-0.322	2.24E-06
AP006285.2	SNRPC	-0.322	2.16E-06
AP006285.2	TSC22D4	-0.322	2.29E-06
AP006285.2	SLC52A2	-0.322	2.25E-06
AP006285.2	ADORA1	-0.322	2.3E-06
AP006285.2	RHBDF2	-0.322	2.2E-06
AP006285.2	PBXIP1	-0.322	2.22E-06
AP006285.2	MFSD5	-0.322	2.3E-06
AP006285.2	LPCAT1	-0.321	2.32E-06
AP006285.2	GGPS1	-0.32	2.69E-06
AP006285.2	EIF2B4	-0.319	2.75E-06
AP006285.2	CLCN2	-0.319	2.74E-06
AP006285.2	SMARCAL1	-0.319	2.78E-06

AP006285.2	ATP1B3	-0.318	3.01E-06
AP006285.2	SUMO2	-0.318	2.92E-06
AP006285.2	G6PC3	-0.318	3.05E-06
AP006285.2	MAFG	-0.317	3.18E-06
AP006285.2	XRCC6	-0.317	3.36E-06
AP006285.2	ATRAID	-0.316	3.46E-06
AP006285.2	DLGAP4	-0.316	3.62E-06
AP006285.2	JMJD6	-0.316	3.51E-06
AP006285.2	RAC1	-0.316	3.58E-06
AP006285.2	RHOC	-0.316	3.57E-06
AP006285.2	HHIPL2	-0.316	3.45E-06
AP006285.2	SYNGR1	-0.316	3.53E-06
AP006285.2	SPSB2	-0.315	3.8E-06
AP006285.2	EHMT2	-0.314	4.07E-06
AP006285.2	AKR1C1	-0.314	4.05E-06
AP006285.2	TPM3	-0.313	4.31E-06
AP006285.2	CLUAP1	-0.313	4.52E-06
AP006285.2	SHC1	-0.313	4.51E-06
AP006285.2	FAM189B	-0.312	4.63E-06
AP006285.2	EIF3H	-0.312	4.86E-06
AP006285.2	GAPDH	-0.312	4.61E-06
AP006285.2	NQO1	-0.312	4.66E-06
AP006285.2	ATP6V1F	-0.311	5.14E-06
AP006285.2	HSF1	-0.311	4.92E-06
AP006285.2	TRIM16	-0.311	5.22E-06
AP006285.2	ATIC	-0.311	5.12E-06
AP006285.2	COA3	-0.31	5.45E-06
AP006285.2	LEF1	-0.31	5.59E-06
AP006285.2	NRG2	-0.31	5.48E-06
AP006285.2	LGI3	-0.31	5.65E-06
AP006285.2	JAKMIP3	-0.31	5.39E-06
AP006285.2	GCNT3	-0.31	5.31E-06
AP006285.2	BABAM2	-0.31	5.58E-06
AP006285.2	ANP32A	-0.31	5.61E-06
AP006285.2	TMCC1	-0.309	6.06E-06
AP006285.2	USH1C	-0.309	5.88E-06
AP006285.2	STK32C	-0.309	6.1E-06
AP006285.2	CEP68	-0.309	5.94E-06
AP006285.2	TTLL1	-0.308	6.13E-06
AP006285.2	GOLGA7B	-0.308	6.4E-06
AP006285.2	PFDN1	-0.307	6.58E-06
AP006285.2	ATP1B1	-0.307	6.91E-06
AP006285.2	PDCL3	-0.307	6.66E-06

AP006285.2	MRPS12	-0.307	6.58E-06
AP006285.2	RGS14	-0.306	7.21E-06
AP006285.2	BCL2L1	-0.306	7.55E-06
AP006285.2	C20orf24	-0.306	7.2E-06
AP006285.2	SLC5A11	-0.305	7.77E-06
AP006285.2	GATS	-0.305	7.67E-06
AP006285.2	ENO1	-0.305	8.01E-06
AP006285.2	TSPAN4	-0.304	8.35E-06
AP006285.2	MARCKSL1	-0.304	8.27E-06
AP006285.2	CBX3	-0.304	8.34E-06
AP006285.2	MTX1	-0.304	8.42E-06
AP006285.2	EPDR1	-0.304	8.29E-06
AP006285.2	EEF1E1	-0.304	8.45E-06
AP006285.2	HEXA	-0.303	9.19E-06
AP006285.2	SNCG	-0.303	9.01E-06
AP006285.2	RPS2	-0.303	8.91E-06
AP006285.2	GM2A	-0.303	9.05E-06
AP006285.2	LAMTOR5	-0.303	9.15E-06
AP006285.2	EIF5B	-0.303	9.06E-06
AP006285.2	OST4	-0.302	9.7E-06
AP006285.2	NT5C	-0.302	9.86E-06
AP006285.2	NOP10	-0.302	9.51E-06
AP006285.2	METTTL5	-0.302	1E-05
AP006285.2	NAP1L1	-0.302	9.79E-06
AP006285.2	GRK3	-0.302	9.74E-06
AP006285.2	EXOSC5	-0.301	1.02E-05
AP006285.2	TBX4	-0.301	1.03E-05
AP006285.2	SLC7A11	-0.301	1.08E-05
AP006285.2	CYSTM1	-0.301	1.07E-05
AP006285.2	RUVBL1	-0.301	1.08E-05
AP006285.2	PRAMEF33	0.301	1.05E-05
AP006285.2	ZNF662	0.301	1.02E-05
AP006285.2	PCSK9	0.301	1.05E-05
AP006285.2	PDXP	0.301	1.06E-05
AP006285.2	ACAD8	0.301	1.01E-05
AP006285.2	MYO1D	0.302	9.56E-06
AP006285.2	FBXO17	0.302	9.67E-06
AP006285.2	TRAPPC6B	0.302	9.5E-06
AP006285.2	ECHDC2	0.302	9.86E-06
AP006285.2	LRCOL1	0.302	9.94E-06
AP006285.2	CHKB-CPT1B	0.302	1.01E-05
AP006285.2	AKAP1	0.302	9.85E-06
AP006285.2	DTX1	0.302	9.45E-06

AP006285.2	GPR88	0.303	9.25E-06
AP006285.2	EMSY	0.303	9.24E-06
AP006285.2	CBFA2T3	0.303	8.79E-06
AP006285.2	TEN1-CDK3	0.303	9.05E-06
AP006285.2	TM6SF2	0.303	9.13E-06
AP006285.2	PLEKHA7	0.304	8.51E-06
AP006285.2	CCL23	0.304	8.28E-06
AP006285.2	SLC25A15	0.305	7.87E-06
AP006285.2	HMCN1	0.305	8.15E-06
AP006285.2	SLC28A1	0.305	7.65E-06
AP006285.2	ORM1	0.305	7.81E-06
AP006285.2	FAM160A2	0.305	7.66E-06
AP006285.2	F2	0.305	7.74E-06
AP006285.2	ERGIC1	0.305	7.91E-06
AP006285.2	ANKH	0.306	7.45E-06
AP006285.2	HCN3	0.306	7.4E-06
AP006285.2	RGS7BP	0.306	7.24E-06
AP006285.2	SATB2	0.306	7.35E-06
AP006285.2	PITPNA	0.306	7.18E-06
AP006285.2	AGL	0.306	7.26E-06
AP006285.2	DTWD2	0.306	7.32E-06
AP006285.2	NBPF20	0.306	7.48E-06
AP006285.2	ESPN	0.306	7.59E-06
AP006285.2	ADAMTS16	0.306	7.18E-06
AP006285.2	AMY2B	0.306	7.11E-06
AP006285.2	CCNL1	0.308	6.36E-06
AP006285.2	TAS2R14	0.308	6.26E-06
AP006285.2	MICU3	0.308	6.45E-06
AP006285.2	ANGPT4	0.308	6.14E-06
AP006285.2	PFKFB1	0.308	6.54E-06
AP006285.2	GP5	0.309	5.7E-06
AP006285.2	PLEKHG1	0.309	5.91E-06
AP006285.2	CAT	0.309	6.1E-06
AP006285.2	RASGRP3	0.309	5.69E-06
AP006285.2	NBPF9	0.309	6E-06
AP006285.2	SNRK	0.31	5.58E-06
AP006285.2	MICAL3	0.31	5.35E-06
AP006285.2	GJB2	0.31	5.6E-06
AP006285.2	RAPGEF2	0.31	5.65E-06
AP006285.2	PPFIBP2	0.31	5.32E-06
AP006285.2	PLXNA4	0.311	5.05E-06
AP006285.2	CIPC	0.311	4.95E-06
AP006285.2	SLC25A16	0.311	5.05E-06

AP006285.2	GALNT9	0.311	5.15E-06
AP006285.2	RMND5A	0.311	5.27E-06
AP006285.2	RGS16	0.311	5.16E-06
AP006285.2	CYP2B6	0.312	4.72E-06
AP006285.2	SLC17A9	0.312	4.6E-06
AP006285.2	KDM7A	0.312	4.85E-06
AP006285.2	PRG2	0.312	4.78E-06
AP006285.2	KIAA1147	0.312	4.9E-06
AP006285.2	N4BP2	0.312	4.88E-06
AP006285.2	CNTLN	0.313	4.46E-06
AP006285.2	IGFBP4	0.313	4.48E-06
AP006285.2	TIGD2	0.313	4.35E-06
AP006285.2	WNT9B	0.313	4.34E-06
AP006285.2	MMACHC	0.314	4.13E-06
AP006285.2	ITGB3	0.314	4.01E-06
AP006285.2	C8B	0.314	4.07E-06
AP006285.2	APOL5	0.314	4.13E-06
AP006285.2	PPP1R3C	0.314	3.98E-06
AP006285.2	KNG1	0.314	3.96E-06
AP006285.2	CAPN3	0.314	4.08E-06
AP006285.2	ADGRD1	0.315	3.69E-06
AP006285.2	AL049839.2	0.315	3.89E-06
AP006285.2	TIE1	0.315	3.88E-06
AP006285.2	DNAJC22	0.315	3.74E-06
AP006285.2	SARDH	0.315	3.91E-06
AP006285.2	GBP7	0.315	3.65E-06
AP006285.2	DTX4	0.315	3.91E-06
AP006285.2	BDH2	0.316	3.58E-06
AP006285.2	DLGAP2	0.316	3.47E-06
AP006285.2	TMPRSS9	0.316	3.38E-06
AP006285.2	HPS5	0.316	3.61E-06
AP006285.2	ISPD	0.316	3.53E-06
AP006285.2	CYP3A7	0.317	3.25E-06
AP006285.2	TTC25	0.317	3.22E-06
AP006285.2	AGMAT	0.317	3.37E-06
AP006285.2	COL4A3	0.317	3.15E-06
AP006285.2	SLC41A2	0.318	2.98E-06
AP006285.2	ZNF441	0.318	3.06E-06
AP006285.2	ALS2CL	0.318	3.07E-06
AP006285.2	ITGA1	0.318	3E-06
AP006285.2	DNAI1	0.318	3.1E-06
AP006285.2	DCAF5	0.318	2.98E-06
AP006285.2	MDN1	0.319	2.79E-06

AP006285.2	SLCO2B1	0.319	2.83E-06
AP006285.2	SLC35D1	0.319	2.88E-06
AP006285.2	SERPINA10	0.319	2.72E-06
AP006285.2	INPP5B	0.32	2.65E-06
AP006285.2	RAF1	0.32	2.63E-06
AP006285.2	COL18A1	0.321	2.34E-06
AP006285.2	PPP4R3A	0.321	2.47E-06
AP006285.2	IL1RAP	0.321	2.42E-06
AP006285.2	PALMD	0.321	2.44E-06
AP006285.2	AGXT	0.321	2.39E-06
AP006285.2	LIPG	0.322	2.21E-06
AP006285.2	SVOP	0.322	2.23E-06
AP006285.2	APOL3	0.322	2.29E-06
AP006285.2	GLS2	0.322	2.29E-06
AP006285.2	SLC15A1	0.322	2.27E-06
AP006285.2	CARS	0.322	2.31E-06
AP006285.2	PNN	0.323	2.11E-06
AP006285.2	RGPD2	0.323	1.99E-06
AP006285.2	KIF1A	0.323	2E-06
AP006285.2	TF	0.324	1.88E-06
AP006285.2	MOAP1	0.324	1.92E-06
AP006285.2	SLC38A4	0.324	1.86E-06
AP006285.2	PTGFR	0.324	1.92E-06
AP006285.2	DNAH1	0.324	1.93E-06
AP006285.2	TESK2	0.325	1.74E-06
AP006285.2	CCDC57	0.325	1.76E-06
AP006285.2	RCBTB2	0.325	1.84E-06
AP006285.2	STX17	0.325	1.7E-06
AP006285.2	VWA3B	0.325	1.72E-06
AP006285.2	POFUT1	0.325	1.79E-06
AP006285.2	MGRN1	0.326	1.6E-06
AP006285.2	SLC25A44	0.326	1.66E-06
AP006285.2	PZP	0.326	1.63E-06
AP006285.2	PIK3R1	0.326	1.67E-06
AP006285.2	ARID3C	0.326	1.66E-06
AP006285.2	ARHGEF26	0.327	1.55E-06
AP006285.2	GYS2	0.327	1.57E-06
AP006285.2	LCN10	0.327	1.5E-06
AP006285.2	SLC35G1	0.327	1.46E-06
AP006285.2	TRPV1	0.327	1.54E-06
AP006285.2	PBX3	0.327	1.57E-06
AP006285.2	FBP1	0.328	1.43E-06
AP006285.2	PRAMEF10	0.328	1.42E-06

AP006285.2	ALDH1A2	0.328	1.44E-06
AP006285.2	SAMD4A	0.328	1.37E-06
AP006285.2	CISH	0.328	1.36E-06
AP006285.2	PLCZ1	0.329	1.26E-06
AP006285.2	GPC6	0.329	1.33E-06
AP006285.2	MST1	0.329	1.31E-06
AP006285.2	USP15	0.329	1.29E-06
AP006285.2	VTN	0.329	1.33E-06
AP006285.2	ADGRV1	0.329	1.29E-06
AP006285.2	EPM2A	0.33	1.22E-06
AP006285.2	FAT4	0.33	1.22E-06
AP006285.2	OIT3	0.33	1.22E-06
AP006285.2	ATP7B	0.33	1.16E-06
AP006285.2	ZFPM1	0.331	1.07E-06
AP006285.2	KLHL8	0.331	1.09E-06
AP006285.2	LINGO4	0.331	1.14E-06
AP006285.2	GPR146	0.331	1.1E-06
AP006285.2	SLC22A1	0.331	1.11E-06
AP006285.2	AFM	0.331	1.08E-06
AP006285.2	FCRLB	0.331	1.1E-06
AP006285.2	XDH	0.332	1.03E-06
AP006285.2	C1orf210	0.332	1.04E-06
AP006285.2	SEC24B	0.332	1.05E-06
AP006285.2	LCAT	0.332	9.87E-07
AP006285.2	PLCE1	0.332	1.04E-06
AP006285.2	F7	0.332	9.97E-07
AP006285.2	DHCR7	0.332	1.04E-06
AP006285.2	ATG16L2	0.332	9.87E-07
AP006285.2	PHLDB2	0.333	9.62E-07
AP006285.2	COBL	0.333	9.81E-07
AP006285.2	GPR17	0.333	9.23E-07
AP006285.2	RDH16	0.333	9.78E-07
AP006285.2	CYP4A22	0.333	9.2E-07
AP006285.2	SLC5A3	0.333	9.51E-07
AP006285.2	POLE	0.334	8.84E-07
AP006285.2	RGPD1	0.334	8.58E-07
AP006285.2	TECTA	0.335	7.77E-07
AP006285.2	EXOC3L4	0.335	7.9E-07
AP006285.2	GCGR	0.335	8.1E-07
AP006285.2	UPB1	0.335	8.17E-07
AP006285.2	AGBL2	0.335	7.77E-07
AP006285.2	WNT8B	0.335	8.38E-07
AP006285.2	LPA	0.336	7.48E-07

AP006285.2	SFXN5	0.336	7.29E-07
AP006285.2	AADAT	0.336	7.51E-07
AP006285.2	ID2	0.337	7E-07
AP006285.2	INTS6	0.337	7.08E-07
AP006285.2	PANK3	0.337	7.1E-07
AP006285.2	AC012651.1	0.337	6.87E-07
AP006285.2	FCGR2B	0.337	7.05E-07
AP006285.2	HPGD	0.338	6.38E-07
AP006285.2	DCBLD1	0.338	6.26E-07
AP006285.2	ALDH8A1	0.338	6.24E-07
AP006285.2	PYGL	0.339	5.96E-07
AP006285.2	CLCN1	0.339	5.87E-07
AP006285.2	PPP1R1A	0.339	5.98E-07
AP006285.2	UGP2	0.34	5.44E-07
AP006285.2	FAM124B	0.34	5.47E-07
AP006285.2	USH2A	0.34	5.36E-07
AP006285.2	PLPP3	0.341	5E-07
AP006285.2	FASN	0.341	5.13E-07
AP006285.2	RALGAPA2	0.341	5.03E-07
AP006285.2	GPLD1	0.341	4.92E-07
AP006285.2	TTR	0.341	5.01E-07
AP006285.2	XG	0.341	4.95E-07
AP006285.2	ADRA1B	0.342	4.69E-07
AP006285.2	ENTPD8	0.342	4.74E-07
AP006285.2	PTK2B	0.342	4.71E-07
AP006285.2	MOGAT2	0.342	4.49E-07
AP006285.2	SLC5A10	0.343	4.12E-07
AP006285.2	PTPN21	0.343	4.08E-07
AP006285.2	FBLN5	0.344	3.91E-07
AP006285.2	GFRA1	0.345	3.6E-07
AP006285.2	CYP2A13	0.345	3.48E-07
AP006285.2	HMGCS2	0.345	3.63E-07
AP006285.2	TKFC	0.346	3.16E-07
AP006285.2	AL583836.1	0.346	3.18E-07
AP006285.2	SPATA46	0.347	2.91E-07
AP006285.2	NOL4	0.347	2.99E-07
AP006285.2	NBPF26	0.348	2.79E-07
AP006285.2	ATG2B	0.348	2.85E-07
AP006285.2	COL4A4	0.348	2.72E-07
AP006285.2	KIAA0922	0.349	2.64E-07
AP006285.2	ROS1	0.349	2.45E-07
AP006285.2	PPIF	0.35	2.33E-07
AP006285.2	TTC8	0.35	2.32E-07

AP006285.2	CRY1	0.35	2.44E-07
AP006285.2	CYFIP2	0.351	2.12E-07
AP006285.2	BMPER	0.351	2.17E-07
AP006285.2	SOWAHB	0.351	2.16E-07
AP006285.2	BHLHE40	0.351	2.15E-07
AP006285.2	HSD3B2	0.351	2.18E-07
AP006285.2	TUBE1	0.351	2.09E-07
AP006285.2	SLC38A3	0.351	2.1E-07
AP006285.2	CNGA1	0.351	2.23E-07
AP006285.2	LRRK2	0.352	2.06E-07
AP006285.2	SYNE1	0.352	2.06E-07
AP006285.2	SEC14L4	0.352	1.92E-07
AP006285.2	ART4	0.353	1.79E-07
AP006285.2	SLC27A2	0.354	1.66E-07
AP006285.2	ALB	0.354	1.67E-07
AP006285.2	DAB1	0.355	1.51E-07
AP006285.2	RALGPS1	0.355	1.55E-07
AP006285.2	ZXDB	0.355	1.48E-07
AP006285.2	PLGLB2	0.355	1.6E-07
AP006285.2	ADGRG7	0.355	1.56E-07
AP006285.2	ATF5	0.356	1.35E-07
AP006285.2	CYP27C1	0.356	1.46E-07
AP006285.2	SPP2	0.357	1.27E-07
AP006285.2	TTC7B	0.357	1.27E-07
AP006285.2	SPACA7	0.358	1.18E-07
AP006285.2	KIAA0355	0.358	1.23E-07
AP006285.2	CMTM6	0.358	1.22E-07
AP006285.2	ELOVL6	0.359	1.09E-07
AP006285.2	STK38L	0.359	1.13E-07
AP006285.2	APOC3	0.359	1.11E-07
AP006285.2	SLC2A13	0.359	1.07E-07
AP006285.2	HERC1	0.359	1.04E-07
AP006285.2	ISOC1	0.359	1.11E-07
AP006285.2	FNDCC5	0.36	1.04E-07
AP006285.2	DICER1	0.36	9.68E-08
AP006285.2	GLCCI1	0.36	1.03E-07
AP006285.2	ARHGEF10L	0.361	9.46E-08
AP006285.2	CNTN3	0.361	9.27E-08
AP006285.2	RNF144B	0.361	8.74E-08
AP006285.2	LMOD2	0.362	8.56E-08
AP006285.2	WNT3	0.363	7.74E-08
AP006285.2	APBA1	0.363	7.92E-08
AP006285.2	TRO	0.364	6.86E-08

AP006285.2	C16orf45	0.364	6.69E-08
AP006285.2	LEAP2	0.364	7.08E-08
AP006285.2	ACOT12	0.364	7.27E-08
AP006285.2	SNED1	0.365	6.35E-08
AP006285.2	ANGPTL8	0.365	6.4E-08
AP006285.2	PID1	0.366	6.12E-08
AP006285.2	FETUB	0.368	4.95E-08
AP006285.2	LTB4R2	0.368	4.84E-08
AP006285.2	SLC2A10	0.369	4.28E-08
AP006285.2	STX2	0.369	4.59E-08
AP006285.2	REPS2	0.369	4.48E-08
AP006285.2	RIPOR3	0.369	4.54E-08
AP006285.2	CYP2A6	0.37	4.15E-08
AP006285.2	G0S2	0.37	4.19E-08
AP006285.2	HMCN2	0.371	3.57E-08
AP006285.2	SLC6A1	0.371	3.82E-08
AP006285.2	GPD1	0.371	3.87E-08
AP006285.2	APOA1	0.373	3.19E-08
AP006285.2	PITPNM2	0.374	2.76E-08
AP006285.2	JAKMIP2	0.374	2.92E-08
AP006285.2	CYP2A7	0.375	2.49E-08
AP006285.2	PGM2	0.376	2.34E-08
AP006285.2	SEC31B	0.376	2.28E-08
AP006285.2	FXYD1	0.376	2.41E-08
AP006285.2	PRSS53	0.377	2.14E-08
AP006285.2	CROCC2	0.378	1.93E-08
AP006285.2	RNF125	0.379	1.81E-08
AP006285.2	RAPGEF4	0.379	1.76E-08
AP006285.2	DAO	0.379	1.73E-08
AP006285.2	CGNL1	0.379	1.8E-08
AP006285.2	ZG16	0.381	1.46E-08
AP006285.2	SERPINA5	0.381	1.48E-08
AP006285.2	PCSK6	0.381	1.48E-08
AP006285.2	GLYATL1	0.382	1.3E-08
AP006285.2	PKLR	0.382	1.33E-08
AP006285.2	ANGEL1	0.383	1.19E-08
AP006285.2	SEBOX	0.384	1.1E-08
AP006285.2	SLC22A25	0.385	9.76E-09
AP006285.2	RNF165	0.386	9.24E-09
AP006285.2	PPP1R3B	0.387	8.68E-09
AP006285.2	C4orf19	0.387	8.37E-09
AP006285.2	MPPED1	0.388	7.38E-09
AP006285.2	F9	0.389	7.11E-09

AP006285.2	DPYD	0.39	6.57E-09
AP006285.2	SAA4	0.391	5.77E-09
AP006285.2	SLC25A20	0.392	5.07E-09
AP006285.2	ACACB	0.393	4.83E-09
AP006285.2	TNFAIP8L1	0.393	4.57E-09
AP006285.2	ADAMTS17	0.394	4.12E-09
AP006285.2	KCNE1	0.394	4.38E-09
AP006285.2	KRTAP5-6	0.394	4.46E-09
AP006285.2	C1orf168	0.395	3.96E-09
AP006285.2	NIPAL1	0.396	3.59E-09
AP006285.2	VAV2	0.396	3.34E-09
AP006285.2	ISM1	0.397	3.33E-09
AP006285.2	UROC1	0.397	3.09E-09
AP006285.2	TBX15	0.397	3.2E-09
AP006285.2	GNAT1	0.398	2.82E-09
AP006285.2	AKR1D1	0.4	2.47E-09
AP006285.2	SLC9B2	0.402	1.96E-09
AP006285.2	ACSL1	0.402	2.01E-09
AP006285.2	PRG4	0.402	1.89E-09
AP006285.2	TDRD15	0.403	1.69E-09
AP006285.2	DPF3	0.403	1.71E-09
AP006285.2	A1BG	0.403	1.67E-09
AP006285.2	MYO15A	0.404	1.61E-09
AP006285.2	LRRC3	0.405	1.46E-09
AP006285.2	GEN1	0.405	1.42E-09
AP006285.2	IL13	0.407	1.14E-09
AP006285.2	TXNIP	0.407	1.21E-09
AP006285.2	ALDOB	0.407	1.12E-09
AP006285.2	NLRP6	0.407	1.18E-09
AP006285.2	GARNL3	0.408	1.05E-09
AP006285.2	GLDC	0.409	9.43E-10
AP006285.2	FNIP2	0.409	9.73E-10
AP006285.2	SHROOM2	0.41	8.56E-10
AP006285.2	PGLYRP2	0.41	8.27E-10
AP006285.2	MTHFS	0.41	8.39E-10
AP006285.2	CNDP1	0.412	7.17E-10
AP006285.2	AKT1	0.413	6.27E-10
AP006285.2	SEC14L3	0.417	4.3E-10
AP006285.2	APMAP	0.417	3.96E-10
AP006285.2	ANO1	0.418	3.74E-10
AP006285.2	EPHA1	0.419	3.16E-10
AP006285.2	TTPAL	0.419	3.38E-10
AP006285.2	THRSP	0.421	2.63E-10

AP006285.2	LDLRAD4	0.422	2.5E-10
AP006285.2	GRHL1	0.423	2.22E-10
AP006285.2	SLC25A47	0.425	1.68E-10
AP006285.2	AC092042.3	0.426	1.52E-10
AP006285.2	HSD3B1	0.429	1.14E-10
AP006285.2	KDM8	0.431	8.71E-11
AP006285.2	ADRA1A	0.434	6.78E-11
AP006285.2	CNTD2	0.44	3.33E-11
AP006285.2	FAM198A	0.44	3.4E-11
AP006285.2	ELFN1	0.443	2.35E-11
AP006285.2	DBH	0.444	2.13E-11
AP006285.2	IP6K3	0.444	2.16E-11
AP006285.2	RTL9	0.444	2.03E-11
AP006285.2	ADGRA3	0.448	1.37E-11
AP006285.2	CHRNA4	0.449	1.09E-11
AP006285.2	PRRG4	0.449	1.19E-11
AP006285.2	PNPLA3	0.452	8.6E-12
AP006285.2	PRKCE	0.454	6.61E-12
AP006285.2	SERPINA11	0.454	6.66E-12
AP006285.2	CYP4F22	0.455	5.62E-12
AP006285.2	DGAT2	0.456	5.08E-12
AP006285.2	FANCC	0.458	4E-12
AP006285.2	MAFB	0.459	3.7E-12
AP006285.2	43160	0.459	3.3E-12
AP006285.2	FOXN4	0.463	2.23E-12
AP006285.2	ADCY1	0.467	1.28E-12
AP006285.2	PADI1	0.467	1.28E-12
AP006285.2	TTBK1	0.468	1.1E-12
AP006285.2	SYNE3	0.469	1.01E-12
AP006285.2	IGFALS	0.47	8.89E-13
AP006285.2	ARHGAP20	0.471	8.14E-13
AP006285.2	ARRDC4	0.472	6.73E-13
AP006285.2	AVPR1A	0.477	3.61E-13
AP006285.2	HSD17B13	0.482	1.91E-13
AP006285.2	MATN2	0.483	1.69E-13
AP006285.2	AUTS2	0.489	7.29E-14
AP006285.2	KLF10	0.492	5.36E-14
AP006285.2	MAMDC4	0.498	2.4E-14
AP006285.2	IGSF9	0.5	1.75E-14
AP006285.2	GHR	0.502	1.36E-14
AP006285.2	SH2B3	0.507	6E-15
AP006285.2	INHBC	0.507	6.4E-15
AP006285.2	INHBE	0.52	9.53E-16

AP006285.2	DNMT3L	0.523	6.29E-16
AP006285.2	GDPD4	0.531	1.79E-16
AP006285.2	GCK	0.535	9.64E-17
AP006285.2	HAO2	0.536	8.64E-17
AP006285.2	SYT7	0.54	4.56E-17
AP006285.2	SLC22A7	0.547	1.59E-17
HOXA-AS3	HPD	-0.455	5.61E-12
HOXA-AS3	GLYAT	-0.414	5.41E-10
HOXA-AS3	SLC27A5	-0.408	1.09E-09
HOXA-AS3	CRADD	-0.385	9.75E-09
HOXA-AS3	ACSM5	-0.385	1.03E-08
HOXA-AS3	HAGH	-0.384	1.09E-08
HOXA-AS3	DEXI	-0.384	1.15E-08
HOXA-AS3	ABHD14B	-0.383	1.2E-08
HOXA-AS3	SLC28A1	-0.382	1.35E-08
HOXA-AS3	RBP5	-0.378	1.98E-08
HOXA-AS3	HSD17B8	-0.377	2.13E-08
HOXA-AS3	ALDH1L1	-0.375	2.58E-08
HOXA-AS3	ASPDH	-0.373	3.12E-08
HOXA-AS3	PEX11G	-0.372	3.26E-08
HOXA-AS3	SLC10A1	-0.371	3.74E-08
HOXA-AS3	CYP8B1	-0.37	3.92E-08
HOXA-AS3	UQCRC2	-0.369	4.39E-08
HOXA-AS3	CES2	-0.369	4.64E-08
HOXA-AS3	LDHD	-0.368	5.07E-08
HOXA-AS3	HMGCL	-0.367	5.26E-08
HOXA-AS3	TUFM	-0.366	5.7E-08
HOXA-AS3	MGST1	-0.366	5.71E-08
HOXA-AS3	HGD	-0.365	6.21E-08
HOXA-AS3	RBP4	-0.364	6.78E-08
HOXA-AS3	FAHD1	-0.364	7.24E-08
HOXA-AS3	BAAT	-0.363	7.41E-08
HOXA-AS3	PQLC1	-0.362	8.42E-08
HOXA-AS3	GHITM	-0.362	8.06E-08
HOXA-AS3	ACBD4	-0.362	8.34E-08
HOXA-AS3	DHRS12	-0.362	8.48E-08
HOXA-AS3	HSD17B6	-0.36	1.04E-07
HOXA-AS3	ACSM2A	-0.359	1.1E-07
HOXA-AS3	MLYCD	-0.357	1.3E-07
HOXA-AS3	LEPROT	-0.356	1.41E-07
HOXA-AS3	DHODH	-0.356	1.4E-07
HOXA-AS3	AKR7A3	-0.355	1.55E-07
HOXA-AS3	TGFBR3L	-0.354	1.72E-07

HOXA-AS3	ACAT1	-0.354	1.63E-07
HOXA-AS3	RDH5	-0.353	1.78E-07
HOXA-AS3	GPT2	-0.353	1.8E-07
HOXA-AS3	MCEE	-0.352	1.97E-07
HOXA-AS3	SUCLG2	-0.352	2.05E-07
HOXA-AS3	ALDH2	-0.352	1.98E-07
HOXA-AS3	TAT	-0.351	2.16E-07
HOXA-AS3	QDPR	-0.35	2.3E-07
HOXA-AS3	APOC4	-0.35	2.37E-07
HOXA-AS3	DNAJA2	-0.35	2.4E-07
HOXA-AS3	RBKS	-0.35	2.34E-07
HOXA-AS3	HAO1	-0.349	2.63E-07
HOXA-AS3	RIDA	-0.348	2.88E-07
HOXA-AS3	MASP2	-0.348	2.76E-07
HOXA-AS3	ACYP2	-0.347	3.08E-07
HOXA-AS3	MRPL46	-0.346	3.32E-07
HOXA-AS3	HP	-0.346	3.28E-07
HOXA-AS3	OXNAD1	-0.345	3.49E-07
HOXA-AS3	43161	-0.345	3.46E-07
HOXA-AS3	PNPLA4	-0.344	3.92E-07
HOXA-AS3	APOF	-0.343	4.24E-07
HOXA-AS3	DECR1	-0.343	4.04E-07
HOXA-AS3	C11orf1	-0.34	5.55E-07
HOXA-AS3	BTB	-0.34	5.48E-07
HOXA-AS3	MOGAT2	-0.34	5.33E-07
HOXA-AS3	SDHB	-0.339	5.84E-07
HOXA-AS3	ANGPTL3	-0.338	6.27E-07
HOXA-AS3	SEC14L2	-0.337	6.83E-07
HOXA-AS3	POR	-0.337	6.79E-07
HOXA-AS3	RTP3	-0.337	6.81E-07
HOXA-AS3	CD81	-0.336	7.45E-07
HOXA-AS3	HSD11B1	-0.336	7.65E-07
HOXA-AS3	FAM107A	-0.335	7.9E-07
HOXA-AS3	MPG	-0.335	7.88E-07
HOXA-AS3	ADI1	-0.335	8.06E-07
HOXA-AS3	ZHX3	-0.335	7.9E-07
HOXA-AS3	GTF2IRD2B	-0.335	8.2E-07
HOXA-AS3	LIPC	-0.332	1.01E-06
HOXA-AS3	DEPDC7	-0.332	1.03E-06
HOXA-AS3	C11orf54	-0.332	1E-06
HOXA-AS3	ACSM2B	-0.331	1.12E-06
HOXA-AS3	AQP9	-0.331	1.08E-06
HOXA-AS3	MXI1	-0.33	1.18E-06

HOXA-AS3	SOD1	-0.33	1.25E-06
HOXA-AS3	TTC36	-0.328	1.39E-06
HOXA-AS3	HIBCH	-0.328	1.42E-06
HOXA-AS3	C16orf95	-0.328	1.39E-06
HOXA-AS3	SDHD	-0.327	1.49E-06
HOXA-AS3	ADH4	-0.326	1.68E-06
HOXA-AS3	TPRG1L	-0.326	1.58E-06
HOXA-AS3	CYB5D2	-0.326	1.65E-06
HOXA-AS3	IGSF23	-0.325	1.83E-06
HOXA-AS3	IGFBP2	-0.325	1.82E-06
HOXA-AS3	CYP4F2	-0.325	1.76E-06
HOXA-AS3	ABCG2	-0.325	1.73E-06
HOXA-AS3	GNPTG	-0.324	1.88E-06
HOXA-AS3	ADHFE1	-0.324	1.92E-06
HOXA-AS3	ITFG1	-0.323	2.1E-06
HOXA-AS3	TMEM254	-0.321	2.37E-06
HOXA-AS3	SLCO2B1	-0.321	2.37E-06
HOXA-AS3	ACAD10	-0.321	2.4E-06
HOXA-AS3	ZBTB16	-0.321	2.44E-06
HOXA-AS3	DMGDH	-0.32	2.51E-06
HOXA-AS3	ACAA2	-0.32	2.63E-06
HOXA-AS3	CYP2A6	-0.32	2.58E-06
HOXA-AS3	KYAT3	-0.32	2.59E-06
HOXA-AS3	STARD10	-0.32	2.54E-06
HOXA-AS3	EHHADH	-0.319	2.77E-06
HOXA-AS3	NTHL1	-0.319	2.76E-06
HOXA-AS3	ECM2	-0.319	2.75E-06
HOXA-AS3	SRD5A2	-0.319	2.87E-06
HOXA-AS3	NUDT7	-0.319	2.79E-06
HOXA-AS3	PANK1	-0.319	2.89E-06
HOXA-AS3	CDO1	-0.318	3.05E-06
HOXA-AS3	C8A	-0.318	2.93E-06
HOXA-AS3	GLOD5	-0.318	3.01E-06
HOXA-AS3	FAHD2A	-0.317	3.25E-06
HOXA-AS3	MAIP1	-0.317	3.36E-06
HOXA-AS3	PEBP1	-0.317	3.34E-06
HOXA-AS3	FTCDNL1	-0.317	3.31E-06
HOXA-AS3	TK2	-0.316	3.54E-06
HOXA-AS3	CYB5A	-0.316	3.55E-06
HOXA-AS3	RNASE4	-0.316	3.57E-06
HOXA-AS3	CADM1	-0.316	3.41E-06
HOXA-AS3	GLYATL1	-0.316	3.44E-06
HOXA-AS3	TMEM59	-0.316	3.52E-06

HOXA-AS3	STK16	-0.316	3.47E-06
HOXA-AS3	AC009119.2	-0.315	3.66E-06
HOXA-AS3	CDIPT	-0.314	4.07E-06
HOXA-AS3	CYP2J2	-0.314	4.12E-06
HOXA-AS3	BNIP3	-0.314	4.13E-06
HOXA-AS3	GCDH	-0.313	4.36E-06
HOXA-AS3	KLHL2	-0.312	4.85E-06
HOXA-AS3	AKR1C1	-0.312	4.74E-06
HOXA-AS3	PIGV	-0.312	4.57E-06
HOXA-AS3	ECI2	-0.312	4.68E-06
HOXA-AS3	AMFR	-0.311	5.2E-06
HOXA-AS3	NIT2	-0.311	5.05E-06
HOXA-AS3	GTF2IRD2	-0.311	5.19E-06
HOXA-AS3	HIGD1A	-0.31	5.57E-06
HOXA-AS3	ECHDC2	-0.31	5.57E-06
HOXA-AS3	CYP4A11	-0.31	5.48E-06
HOXA-AS3	MT-ATP6	-0.31	5.64E-06
HOXA-AS3	FDX1	-0.309	6.09E-06
HOXA-AS3	BCKDK	-0.309	5.91E-06
HOXA-AS3	LHPP	-0.309	5.83E-06
HOXA-AS3	GALNT15	-0.309	6.07E-06
HOXA-AS3	RAMP3	-0.309	5.95E-06
HOXA-AS3	LIAS	-0.308	6.47E-06
HOXA-AS3	NDUFAB1	-0.308	6.2E-06
HOXA-AS3	PCTP	-0.308	6.34E-06
HOXA-AS3	BDH1	-0.308	6.27E-06
HOXA-AS3	GABARAPL1	-0.307	7.05E-06
HOXA-AS3	CLYBL	-0.307	7.04E-06
HOXA-AS3	ACAA1	-0.306	7.19E-06
HOXA-AS3	LONP2	-0.306	7.33E-06
HOXA-AS3	MT-CO3	-0.305	8.06E-06
HOXA-AS3	VKORC1	-0.305	8.04E-06
HOXA-AS3	SORBS2	-0.305	7.8E-06
HOXA-AS3	CRYL1	-0.305	7.74E-06
HOXA-AS3	DBT	-0.305	7.62E-06
HOXA-AS3	C11orf71	-0.305	8.05E-06
HOXA-AS3	SLC1A2	-0.305	7.79E-06
HOXA-AS3	CDC37L1	-0.305	8.06E-06
HOXA-AS3	HERPUD1	-0.304	8.36E-06
HOXA-AS3	HPR	-0.304	8.47E-06
HOXA-AS3	CTBS	-0.304	8.57E-06
HOXA-AS3	CFHR4	-0.304	8.48E-06
HOXA-AS3	RHOB	-0.304	8.16E-06

HOXA-AS3	MAT1A	-0.304	8.26E-06
HOXA-AS3	STARD5	-0.303	9.07E-06
HOXA-AS3	EMCN	-0.302	9.99E-06
HOXA-AS3	SFXN1	-0.302	9.65E-06
HOXA-AS3	GFOD2	-0.302	1.01E-05
HOXA-AS3	MT-ND3	-0.302	1.01E-05
HOXA-AS3	FOXD4	0.301	1.05E-05
HOXA-AS3	XRCC3	0.301	1.07E-05
HOXA-AS3	TRPC1	0.301	1.06E-05
HOXA-AS3	MELK	0.301	1.04E-05
HOXA-AS3	INCENP	0.301	1.06E-05
HOXA-AS3	CBX1	0.301	1.03E-05
HOXA-AS3	RIT1	0.302	9.72E-06
HOXA-AS3	KIF4A	0.302	9.68E-06
HOXA-AS3	GAREM2	0.302	9.97E-06
HOXA-AS3	GMPS	0.303	8.99E-06
HOXA-AS3	NFATC2	0.303	8.83E-06
HOXA-AS3	UBA2	0.304	8.31E-06
HOXA-AS3	PIMREG	0.304	8.29E-06
HOXA-AS3	CYP26B1	0.304	8.27E-06
HOXA-AS3	CDCA3	0.304	8.3E-06
HOXA-AS3	BUB1	0.304	8.55E-06
HOXA-AS3	KRBA1	0.304	8.32E-06
HOXA-AS3	HJURP	0.304	8.68E-06
HOXA-AS3	HTR3A	0.305	7.64E-06
HOXA-AS3	NDC80	0.305	7.78E-06
HOXA-AS3	WASF1	0.305	7.84E-06
HOXA-AS3	MPP2	0.305	7.82E-06
HOXA-AS3	IGF2BP2	0.306	7.25E-06
HOXA-AS3	PCDHA3	0.306	7.51E-06
HOXA-AS3	PRR11	0.306	7.19E-06
HOXA-AS3	PLK4	0.306	7.24E-06
HOXA-AS3	FANCI	0.306	7.08E-06
HOXA-AS3	PEG10	0.307	6.79E-06
HOXA-AS3	USP21	0.307	6.67E-06
HOXA-AS3	NAA40	0.307	6.96E-06
HOXA-AS3	NCAPD2	0.307	6.92E-06
HOXA-AS3	RAVER2	0.308	6.44E-06
HOXA-AS3	EGLN3	0.308	6.49E-06
HOXA-AS3	KIF14	0.309	5.99E-06
HOXA-AS3	FBXO5	0.309	5.91E-06
HOXA-AS3	PHF19	0.309	5.71E-06
HOXA-AS3	ZNF169	0.309	6.1E-06

HOXA-AS3	BEND3	0.309	5.69E-06
HOXA-AS3	MYB	0.309	6.02E-06
HOXA-AS3	GP2	0.31	5.57E-06
HOXA-AS3	KHDC1	0.31	5.5E-06
HOXA-AS3	SKA1	0.311	4.97E-06
HOXA-AS3	FGFR3	0.311	5.08E-06
HOXA-AS3	KLF5	0.311	5.18E-06
HOXA-AS3	XRCC2	0.311	5.19E-06
HOXA-AS3	KIF18A	0.311	5.23E-06
HOXA-AS3	CASP2	0.312	4.7E-06
HOXA-AS3	KIF20A	0.312	4.71E-06
HOXA-AS3	RIBC2	0.312	4.85E-06
HOXA-AS3	DCHS2	0.313	4.53E-06
HOXA-AS3	MMS22L	0.314	4.19E-06
HOXA-AS3	SH3BP1	0.314	3.93E-06
HOXA-AS3	DNMT3B	0.315	3.66E-06
HOXA-AS3	ERICH4	0.315	3.72E-06
HOXA-AS3	TROAP	0.315	3.86E-06
HOXA-AS3	FER1L6	0.315	3.85E-06
HOXA-AS3	CENPI	0.316	3.51E-06
HOXA-AS3	TMEM237	0.316	3.63E-06
HOXA-AS3	PLSCR2	0.316	3.63E-06
HOXA-AS3	GSG2	0.316	3.44E-06
HOXA-AS3	ASF1B	0.316	3.45E-06
HOXA-AS3	MAU2	0.317	3.16E-06
HOXA-AS3	SPATS2	0.317	3.17E-06
HOXA-AS3	PQLC2L	0.317	3.3E-06
HOXA-AS3	TRAF5	0.317	3.16E-06
HOXA-AS3	ZBTB34	0.317	3.29E-06
HOXA-AS3	SOX2	0.318	3.03E-06
HOXA-AS3	BAZ2A	0.318	3E-06
HOXA-AS3	ILF3	0.318	3.02E-06
HOXA-AS3	ZNF860	0.318	3.02E-06
HOXA-AS3	DTX3	0.318	2.92E-06
HOXA-AS3	FUT2	0.319	2.73E-06
HOXA-AS3	GLP1R	0.319	2.76E-06
HOXA-AS3	TACC3	0.319	2.88E-06
HOXA-AS3	CDC25A	0.319	2.9E-06
HOXA-AS3	FEN1	0.319	2.78E-06
HOXA-AS3	CDK1	0.32	2.51E-06
HOXA-AS3	TMPRSS3	0.321	2.37E-06
HOXA-AS3	PRKCI	0.321	2.44E-06
HOXA-AS3	MAPK13	0.322	2.25E-06

HOXA-AS3	RHNO1	0.322	2.23E-06
HOXA-AS3	HELLS	0.322	2.28E-06
HOXA-AS3	AURKB	0.322	2.21E-06
HOXA-AS3	CDCA7L	0.323	2.07E-06
HOXA-AS3	MYBL2	0.323	2.02E-06
HOXA-AS3	KIAA1524	0.323	2.05E-06
HOXA-AS3	MKI67	0.323	2.08E-06
HOXA-AS3	NUP188	0.324	1.98E-06
HOXA-AS3	NUP210	0.324	1.98E-06
HOXA-AS3	HAUS5	0.325	1.74E-06
HOXA-AS3	PSPH	0.325	1.75E-06
HOXA-AS3	NUF2	0.325	1.72E-06
HOXA-AS3	MYCBPAP	0.325	1.74E-06
HOXA-AS3	GCNT1	0.326	1.68E-06
HOXA-AS3	SGSM1	0.326	1.6E-06
HOXA-AS3	KIFC1	0.328	1.44E-06
HOXA-AS3	CDCA8	0.329	1.28E-06
HOXA-AS3	CENPL	0.329	1.3E-06
HOXA-AS3	TOP2A	0.329	1.28E-06
HOXA-AS3	EZH2	0.329	1.29E-06
HOXA-AS3	SGO2	0.33	1.15E-06
HOXA-AS3	DZIP1L	0.33	1.16E-06
HOXA-AS3	IGF2BP3	0.33	1.21E-06
HOXA-AS3	HIC2	0.33	1.16E-06
HOXA-AS3	CENPE	0.331	1.09E-06
HOXA-AS3	PAK4	0.332	1.01E-06
HOXA-AS3	PTBP3	0.332	1.06E-06
HOXA-AS3	KEL	0.333	9.51E-07
HOXA-AS3	UBE2C	0.334	8.6E-07
HOXA-AS3	RBL1	0.335	8.27E-07
HOXA-AS3	CTNND2	0.335	7.8E-07
HOXA-AS3	KIF23	0.335	8.03E-07
HOXA-AS3	STXBP4	0.335	8.17E-07
HOXA-AS3	ASPM	0.336	7.32E-07
HOXA-AS3	WDR62	0.336	7.61E-07
HOXA-AS3	TICRR	0.337	6.95E-07
HOXA-AS3	KCNS1	0.338	6.38E-07
HOXA-AS3	BUB1B	0.338	6.23E-07
HOXA-AS3	CPSF6	0.338	6.41E-07
HOXA-AS3	ARHGAP11A	0.339	5.95E-07
HOXA-AS3	ARHGAP33	0.34	5.48E-07
HOXA-AS3	COL9A2	0.34	5.46E-07
HOXA-AS3	PLAGL2	0.34	5.47E-07

HOXA-AS3	MCOLN3	0.341	4.84E-07
HOXA-AS3	MAPK8IP2	0.341	5.16E-07
HOXA-AS3	SRRT	0.341	4.9E-07
HOXA-AS3	KIF11	0.342	4.54E-07
HOXA-AS3	RIPPLY3	0.343	4.23E-07
HOXA-AS3	DLGAP5	0.343	4.38E-07
HOXA-AS3	SKAP2	0.344	3.97E-07
HOXA-AS3	ARHGAP11B	0.344	4.03E-07
HOXA-AS3	CDCA2	0.344	3.75E-07
HOXA-AS3	CDKN3	0.344	3.96E-07
HOXA-AS3	GPR160	0.345	3.55E-07
HOXA-AS3	HOXD1	0.346	3.23E-07
HOXA-AS3	UBAP2L	0.347	2.9E-07
HOXA-AS3	TRIM59	0.347	2.95E-07
HOXA-AS3	ANLN	0.349	2.56E-07
HOXA-AS3	SSTR3	0.35	2.27E-07
HOXA-AS3	RNF144A	0.351	2.19E-07
HOXA-AS3	NSD2	0.351	2.22E-07
HOXA-AS3	CEP55	0.351	2.15E-07
HOXA-AS3	FANCG	0.352	2.07E-07
HOXA-AS3	SLC37A1	0.354	1.7E-07
HOXA-AS3	WDHD1	0.355	1.49E-07
HOXA-AS3	ARID3A	0.357	1.31E-07
HOXA-AS3	ARHGEF39	0.358	1.21E-07
HOXA-AS3	BLM	0.358	1.2E-07
HOXA-AS3	RUSC1	0.358	1.16E-07
HOXA-AS3	SHOX2	0.358	1.19E-07
HOXA-AS3	CENPF	0.359	1.05E-07
HOXA-AS3	LMNB2	0.359	1.05E-07
HOXA-AS3	DMBT1	0.359	1.08E-07
HOXA-AS3	TPX2	0.36	9.52E-08
HOXA-AS3	GAS2L3	0.36	1.02E-07
HOXA-AS3	MGAM2	0.363	7.43E-08
HOXA-AS3	GATA4	0.365	6.58E-08
HOXA-AS3	SMARCD1	0.365	6.52E-08
HOXA-AS3	KIF18B	0.367	5.46E-08
HOXA-AS3	DDHD1	0.369	4.61E-08
HOXA-AS3	PPFIA4	0.37	4E-08
HOXA-AS3	DMBX1	0.372	3.42E-08
HOXA-AS3	ZNF792	0.372	3.56E-08
HOXA-AS3	HOXA2	0.372	3.28E-08
HOXA-AS3	HOXA1	0.372	3.27E-08
HOXA-AS3	IL12A	0.372	3.39E-08

HOXA-AS3	MEP1A	0.373	3.19E-08
HOXA-AS3	CDCA4	0.373	3.19E-08
HOXA-AS3	IL20RA	0.375	2.49E-08
HOXA-AS3	ZIC2	0.376	2.32E-08
HOXA-AS3	BCL9	0.378	1.95E-08
HOXA-AS3	HMGA2	0.378	2.04E-08
HOXA-AS3	C7orf31	0.378	2E-08
HOXA-AS3	SALL4	0.378	2.03E-08
HOXA-AS3	OSBP2	0.379	1.84E-08
HOXA-AS3	PLEKHH2	0.379	1.77E-08
HOXA-AS3	TTLL6	0.384	1.14E-08
HOXA-AS3	HOXA9	0.387	8.32E-09
HOXA-AS3	GTSE1	0.389	7.09E-09
HOXA-AS3	HOXB7	0.394	4.23E-09
HOXA-AS3	ZIC5	0.402	1.86E-09
HOXA-AS3	SAPCD2	0.404	1.51E-09
HOXA-AS3	SFI1	0.411	7.89E-10
HOXA-AS3	COLCA2	0.434	6.38E-11
HOXA-AS3	HOXA11	0.462	2.45E-12
HOXA-AS3	HOXA3	0.479	2.98E-13
HOXA-AS3	HOXA10	0.519	1.21E-15
HOXA-AS3	HOXA7	0.539	5.22E-17
HOXA-AS3	HOXA5	0.688	2.38E-30
AC079834.2	SH3RF2	-0.365	6.21E-08
AC079834.2	RAB13	-0.32	2.68E-06
AC079834.2	RHOBTB3	-0.319	2.81E-06
AC079834.2	PCGF6	-0.303	9.08E-06
AC079834.2	PMEPA1	0.301	1.08E-05
AC079834.2	PDE10A	0.301	1.02E-05
AC079834.2	LRRN3	0.301	1.02E-05
AC079834.2	MYOF	0.302	9.44E-06
AC079834.2	MYOZ1	0.302	9.85E-06
AC079834.2	ABR	0.302	9.84E-06
AC079834.2	RAI2	0.302	9.79E-06
AC079834.2	CLCNKB	0.302	9.85E-06
AC079834.2	VCAN	0.302	9.96E-06
AC079834.2	COL8A1	0.302	9.61E-06
AC079834.2	CAV1	0.302	1E-05
AC079834.2	EHD3	0.303	8.78E-06
AC079834.2	CLSTN2	0.303	8.79E-06
AC079834.2	ADCY5	0.303	9.03E-06
AC079834.2	ADGRL3	0.303	8.9E-06
AC079834.2	NRIP2	0.304	8.76E-06

AC079834.2	SLC44A2	0.304	8.76E-06
AC079834.2	FNDC1	0.304	8.3E-06
AC079834.2	CYS1	0.304	8.5E-06
AC079834.2	FBXL2	0.304	8.47E-06
AC079834.2	PAMR1	0.305	7.72E-06
AC079834.2	JPH3	0.305	7.82E-06
AC079834.2	GPC4	0.305	7.66E-06
AC079834.2	KLF2	0.306	7.31E-06
AC079834.2	TSPAN2	0.306	7.52E-06
AC079834.2	WNT7B	0.306	7.34E-06
AC079834.2	CTXN1	0.308	6.13E-06
AC079834.2	RGS4	0.308	6.41E-06
AC079834.2	MRVI1	0.308	6.26E-06
AC079834.2	LTBP4	0.308	6.29E-06
AC079834.2	CHST3	0.309	6.11E-06
AC079834.2	ADGRB1	0.309	5.71E-06
AC079834.2	TCF21	0.31	5.38E-06
AC079834.2	LRRC17	0.31	5.36E-06
AC079834.2	FAM26E	0.31	5.31E-06
AC079834.2	GLI2	0.311	4.95E-06
AC079834.2	ENTPD1	0.311	5.22E-06
AC079834.2	ARHGEF25	0.311	4.93E-06
AC079834.2	GRIN2A	0.311	4.92E-06
AC079834.2	GPRC5B	0.312	4.76E-06
AC079834.2	HOXB4	0.312	4.9E-06
AC079834.2	PITPNM3	0.312	4.76E-06
AC079834.2	JPH2	0.312	4.65E-06
AC079834.2	ANTXR1	0.313	4.38E-06
AC079834.2	ADRA2A	0.313	4.4E-06
AC079834.2	HEPH	0.314	4.15E-06
AC079834.2	CGB7	0.315	3.78E-06
AC079834.2	SYT11	0.315	3.69E-06
AC079834.2	SLC9A1	0.315	3.71E-06
AC079834.2	COL12A1	0.316	3.5E-06
AC079834.2	SMIM10L2A	0.316	3.46E-06
AC079834.2	NLRP2	0.317	3.31E-06
AC079834.2	HECW2	0.317	3.38E-06
AC079834.2	RNF150	0.318	3.11E-06
AC079834.2	PDE5A	0.318	2.93E-06
AC079834.2	CCDC8	0.319	2.85E-06
AC079834.2	ACTA2	0.319	2.85E-06
AC079834.2	HEYL	0.32	2.57E-06
AC079834.2	CDR2L	0.32	2.56E-06

AC079834.2	SPNS2	0.321	2.38E-06
AC079834.2	MEIS3	0.321	2.36E-06
AC079834.2	PCDH7	0.321	2.4E-06
AC079834.2	TTYH1	0.321	2.41E-06
AC079834.2	STON1	0.322	2.19E-06
AC079834.2	TMEM132A	0.322	2.27E-06
AC079834.2	CDH6	0.322	2.23E-06
AC079834.2	JAG2	0.323	2E-06
AC079834.2	AMPH	0.323	2.13E-06
AC079834.2	XKR6	0.323	2.03E-06
AC079834.2	PODXL	0.323	2.12E-06
AC079834.2	C1QTNF7	0.323	2.06E-06
AC079834.2	EPB41L4A	0.324	1.92E-06
AC079834.2	PLAT	0.325	1.73E-06
AC079834.2	BEND4	0.325	1.82E-06
AC079834.2	CALHM2	0.325	1.82E-06
AC079834.2	UNC5B	0.325	1.71E-06
AC079834.2	RBMS2	0.326	1.62E-06
AC079834.2	ANOS1	0.327	1.54E-06
AC079834.2	NXNL2	0.327	1.55E-06
AC079834.2	SPEG	0.327	1.52E-06
AC079834.2	KIRREL	0.327	1.49E-06
AC079834.2	AC024270.1	0.329	1.34E-06
AC079834.2	EFNB3	0.331	1.09E-06
AC079834.2	AQP1	0.332	1.04E-06
AC079834.2	KCNA5	0.332	1.06E-06
AC079834.2	WTIP	0.334	8.65E-07
AC079834.2	CACNA2D1	0.336	7.17E-07
AC079834.2	GPRIN2	0.336	7.6E-07
AC079834.2	ANXA8L1	0.337	6.74E-07
AC079834.2	TUBB6	0.337	7.01E-07
AC079834.2	SFTA2	0.338	6.29E-07
AC079834.2	MSRB3	0.338	6.09E-07
AC079834.2	PLCD3	0.338	6.57E-07
AC079834.2	CNN1	0.34	5.19E-07
AC079834.2	PRSS23	0.341	5E-07
AC079834.2	FZD10	0.342	4.76E-07
AC079834.2	ITIH5	0.343	4.12E-07
AC079834.2	TMEM204	0.345	3.71E-07
AC079834.2	OXTR	0.347	3.06E-07
AC079834.2	RARG	0.349	2.46E-07
AC079834.2	FNDC11	0.349	2.59E-07
AC079834.2	AFAP1L2	0.349	2.65E-07

AC079834.2	COL11A1	0.349	2.53E-07
AC079834.2	ACTC1	0.35	2.28E-07
AC079834.2	PRICKLE1	0.351	2.21E-07
AC079834.2	ANXA3	0.351	2.11E-07
AC079834.2	TAGLN	0.352	1.92E-07
AC079834.2	FLNA	0.353	1.77E-07
AC079834.2	RIPOR3	0.354	1.65E-07
AC079834.2	WFDC1	0.357	1.35E-07
AC079834.2	ST6GAL2	0.36	9.93E-08
AC079834.2	RERG	0.362	8.47E-08
AC079834.2	SCARF2	0.364	6.84E-08
AC079834.2	ARHGEF10	0.364	6.86E-08
AC079834.2	MYH11	0.365	6.39E-08
AC079834.2	ARHGEF17	0.365	6.43E-08
AC079834.2	LBH	0.367	5.16E-08
AC079834.2	PDZD4	0.371	3.77E-08
AC079834.2	LAMP5	0.373	3.13E-08
AC079834.2	FAR1	0.377	2.12E-08
AC079834.2	TSPYL5	0.377	2.16E-08
AC079834.2	NEFL	0.383	1.25E-08
AC079834.2	TGFB1I1	0.383	1.2E-08
AC079834.2	LDOC1	0.384	1.11E-08
AC079834.2	PDGFD	0.391	5.5E-09
AC079834.2	TENM4	0.393	4.93E-09
AC079834.2	SCD5	0.4	2.37E-09
AC079834.2	EPHA4	0.452	8.45E-12
NRIR	EEF1B2	-0.348	2.86E-07
NRIR	LMAN2L	-0.328	1.38E-06
NRIR	TIMM13	-0.326	1.64E-06
NRIR	ASNSD1	-0.321	2.42E-06
NRIR	SLC25A26	-0.316	3.46E-06
NRIR	MRPL30	-0.313	4.3E-06
NRIR	RBAK-RBAKDN	-0.312	4.69E-06
NRIR	STARD7	-0.309	6.08E-06
NRIR	USP22	-0.306	7.42E-06
NRIR	IMPDH2	-0.306	7.53E-06
NRIR	HRC	-0.305	7.99E-06
NRIR	RPL10A	-0.304	8.47E-06
NRIR	CEP68	-0.302	9.82E-06
NRIR	BTN3A3	0.301	1.07E-05
NRIR	LAMP3	0.303	8.84E-06
NRIR	IFIT2	0.303	8.9E-06
NRIR	SMTNL1	0.303	9.3E-06

NRIR	TAP2	0.304	8.21E-06
NRIR	DDX58	0.305	7.95E-06
NRIR	SIGLEC1	0.306	7.2E-06
NRIR	KCNAB3	0.306	7.48E-06
NRIR	GSDMB	0.311	4.96E-06
NRIR	TDRD7	0.312	4.81E-06
NRIR	LPIN2	0.315	3.92E-06
NRIR	HLA-F	0.315	3.88E-06
NRIR	PARP14	0.319	2.86E-06
NRIR	APBB3	0.32	2.64E-06
NRIR	HLA-DOB	0.322	2.24E-06
NRIR	GBP1	0.322	2.22E-06
NRIR	HERC5	0.322	2.31E-06
NRIR	OASL	0.326	1.68E-06
NRIR	TTLL9	0.329	1.26E-06
NRIR	PARP9	0.333	9.47E-07
NRIR	REC8	0.336	7.74E-07
NRIR	APOL6	0.336	7.61E-07
NRIR	TDRD10	0.341	4.85E-07
NRIR	PARP12	0.344	4E-07
NRIR	USP18	0.344	4.03E-07
NRIR	NLRC5	0.347	3.11E-07
NRIR	RTP4	0.348	2.83E-07
NRIR	UBQLNL	0.349	2.65E-07
NRIR	STAT1	0.35	2.31E-07
NRIR	TNFSF14	0.353	1.8E-07
NRIR	PLSCR1	0.358	1.23E-07
NRIR	RNF213	0.36	1.02E-07
NRIR	UBA7	0.361	9.27E-08
NRIR	IFIT5	0.361	8.79E-08
NRIR	HELZ2	0.366	6.08E-08
NRIR	TRIM21	0.366	5.66E-08
NRIR	SAMD9L	0.374	2.94E-08
NRIR	AL583836.1	0.383	1.24E-08
NRIR	DHX58	0.387	8.03E-09
NRIR	PATL2	0.392	5.16E-09
NRIR	ISG15	0.393	4.92E-09
NRIR	IFIH1	0.402	1.85E-09
NRIR	SAMD9	0.409	9.72E-10
NRIR	IFIT1	0.411	7.31E-10
NRIR	DDX60	0.412	7.11E-10
NRIR	EIF2AK2	0.413	5.93E-10
NRIR	EPSTI1	0.415	5.03E-10

NRIR	DDX60L	0.424	2.03E-10
NRIR	XAF1	0.436	4.9E-11
NRIR	IFIT3	0.445	1.82E-11
NRIR	IFI27	0.448	1.23E-11
NRIR	STAT2	0.453	6.9E-12
NRIR	HERC6	0.459	3.41E-12
NRIR	IRF9	0.461	2.6E-12
NRIR	IFI6	0.503	1.21E-14
NRIR	IFI44	0.506	7.69E-15
NRIR	IFI44L	0.507	6.45E-15
NRIR	OAS2	0.538	6.46E-17
NRIR	MX1	0.56	1.62E-18
NRIR	OAS3	0.574	1.44E-19
NRIR	RSAD2	0.604	5.83E-22
NRIR	CMPK2	0.641	2.35E-25
LINC01929	MPC2	-0.357	1.3E-07
LINC01929	BDH1	-0.343	4.06E-07
LINC01929	ZNF34	-0.341	4.77E-07
LINC01929	PUF60	-0.334	8.58E-07
LINC01929	MRPL24	-0.333	9.68E-07
LINC01929	RMND5B	-0.33	1.2E-06
LINC01929	RUFY1	-0.323	2.07E-06
LINC01929	DDX41	-0.323	2.04E-06
LINC01929	TRAPPC9	-0.322	2.27E-06
LINC01929	PMVK	-0.322	2.24E-06
LINC01929	VPS28	-0.321	2.38E-06
LINC01929	MRPL22	-0.318	3.02E-06
LINC01929	PLA2G12B	-0.318	3.09E-06
LINC01929	ATOX1	-0.316	3.58E-06
LINC01929	RPL26L1	-0.314	3.94E-06
LINC01929	BOP1	-0.314	4.06E-06
LINC01929	THEM6	-0.313	4.23E-06
LINC01929	NDUFB9	-0.313	4.42E-06
LINC01929	NIT1	-0.311	5.22E-06
LINC01929	FAM83H	-0.309	5.76E-06
LINC01929	NFU1	-0.308	6.37E-06
LINC01929	PTPN18	-0.307	6.64E-06
LINC01929	THOC3	-0.306	7.36E-06
LINC01929	RNF181	-0.306	7.27E-06
LINC01929	PSMB5	-0.302	9.62E-06
LINC01929	AIG1	-0.302	9.63E-06
LINC01929	TM7SF2	-0.301	1.06E-05
LINC01929	GAMT	-0.301	1.05E-05

LINC01929	RACK1	-0.301	1.06E-05
LINC01929	EOGT	0.301	1.05E-05
LINC01929	DPY19L2	0.301	1.03E-05
LINC01929	LMO4	0.302	9.89E-06
LINC01929	TMTC2	0.302	9.82E-06
LINC01929	COL4A6	0.302	1E-05
LINC01929	WDR66	0.303	8.81E-06
LINC01929	GCSAML	0.304	8.25E-06
LINC01929	PFN2	0.304	8.72E-06
LINC01929	C6orf223	0.304	8.22E-06
LINC01929	CPNE4	0.304	8.65E-06
LINC01929	SPRED1	0.305	7.92E-06
LINC01929	MTCP1	0.307	7.03E-06
LINC01929	PIFO	0.308	6.52E-06
LINC01929	STXBP1	0.308	6.38E-06
LINC01929	ARHGAP29	0.308	6.46E-06
LINC01929	NCR3LG1	0.311	4.93E-06
LINC01929	MAGI2	0.311	4.91E-06
LINC01929	FAM135A	0.313	4.49E-06
LINC01929	HS2ST1	0.314	4.09E-06
LINC01929	C3orf52	0.314	4.22E-06
LINC01929	P2RY1	0.315	3.7E-06
LINC01929	MAGEC1	0.316	3.54E-06
LINC01929	RASSF8	0.318	2.94E-06
LINC01929	ZNF486	0.319	2.85E-06
LINC01929	COL4A5	0.322	2.26E-06
LINC01929	NAV3	0.322	2.16E-06
LINC01929	SH3GLB1	0.322	2.21E-06
LINC01929	FBXL13	0.325	1.71E-06
LINC01929	HAUS6	0.327	1.57E-06
LINC01929	ADGRE3	0.328	1.43E-06
LINC01929	BNIP3L	0.329	1.31E-06
LINC01929	SLC11A1	0.33	1.19E-06
LINC01929	LCA5L	0.33	1.21E-06
LINC01929	HCAR3	0.33	1.16E-06
LINC01929	BMT2	0.331	1.1E-06
LINC01929	VGLL3	0.334	8.99E-07
LINC01929	SLC25A24	0.335	7.84E-07
LINC01929	MITF	0.336	7.32E-07
LINC01929	IL13RA2	0.341	4.89E-07
LINC01929	PQLC2L	0.342	4.43E-07
LINC01929	VANGL1	0.343	4.19E-07
LINC01929	BCL10	0.346	3.39E-07

LINC01929	CXCL5	0.355	1.56E-07
LINC01929	CAVIN4	0.356	1.36E-07
LINC01929	LPO	0.366	5.85E-08
LINC01929	FCGR3B	0.366	6.06E-08
LINC01929	COL28A1	0.379	1.84E-08
LINC01929	CRISP3	0.382	1.37E-08
LINC01929	ERC2	0.394	4.23E-09
LINC01929	SUN3	0.474	5.7E-13

lncRNA, long non-coding RNA; OS, overall survival; HCC, hepatocellular carcinoma.