

Table SIV. LncRNA-mRNA co-expression analysis for RFS in HCC without fibrosis.

lncRNA	mRNA	Pearson correlation coefficient	P-value
AC021744.1	BAMBI	-0.523	6.03E-16
AC021744.1	TTLL1	-0.468	1.17E-12
AC021744.1	PHLDA1	-0.454	6.74E-12
AC021744.1	RELN	-0.446	1.69E-11
AC021744.1	TESC	-0.432	8.51E-11
AC021744.1	TEAD2	-0.432	8.33E-11
AC021744.1	SOX9	-0.43	1.03E-10
AC021744.1	TOX3	-0.425	1.66E-10
AC021744.1	BICC1	-0.421	2.57E-10
AC021744.1	LCN2	-0.42	2.84E-10
AC021744.1	LEF1	-0.42	3.05E-10
AC021744.1	SLC44A3	-0.419	3.27E-10
AC021744.1	EPHB2	-0.417	4.28E-10
AC021744.1	ARPC1B	-0.408	1.03E-09
AC021744.1	GRK3	-0.407	1.1E-09
AC021744.1	GOLGA7B	-0.404	1.57E-09
AC021744.1	FAM60A	-0.402	1.94E-09
AC021744.1	RAB15	-0.4	2.25E-09
AC021744.1	IFNGR2	-0.399	2.63E-09
AC021744.1	CARD10	-0.397	3.1E-09
AC021744.1	CAMSAP2	-0.395	3.8E-09
AC021744.1	LGR5	-0.39	6.41E-09
AC021744.1	IER5L	-0.387	8.72E-09
AC021744.1	BCL2L1	-0.387	8.38E-09
AC021744.1	SLC7A6	-0.387	8.76E-09
AC021744.1	FAM171A1	-0.386	9.03E-09
AC021744.1	C11orf45	-0.386	9.61E-09
AC021744.1	SERPINB1	-0.381	1.52E-08
AC021744.1	SLC16A7	-0.379	1.74E-08
AC021744.1	IER3	-0.376	2.36E-08
AC021744.1	TSHZ2	-0.376	2.35E-08
AC021744.1	RHOBTB1	-0.375	2.67E-08
AC021744.1	TSPO	-0.374	2.82E-08
AC021744.1	SEMA7A	-0.372	3.29E-08
AC021744.1	LIMK1	-0.372	3.52E-08
AC021744.1	MED15	-0.372	3.35E-08
AC021744.1	UBE2D1	-0.371	3.64E-08
AC021744.1	GPX2	-0.371	3.89E-08
AC021744.1	ASIC1	-0.371	3.78E-08

AC021744.1	FAM217B	-0.369	4.43E-08
AC021744.1	EPS8L3	-0.368	5.11E-08
AC021744.1	TBC1D22A	-0.368	4.87E-08
AC021744.1	TGIF1	-0.365	6.62E-08
AC021744.1	SPP1	-0.365	6.28E-08
AC021744.1	TNIP2	-0.364	7.13E-08
AC021744.1	ETV4	-0.363	7.32E-08
AC021744.1	SYNGR1	-0.363	7.91E-08
AC021744.1	KRT23	-0.363	7.37E-08
AC021744.1	ITGA2	-0.362	8.01E-08
AC021744.1	SLC13A3	-0.362	8.32E-08
AC021744.1	GNPAT	-0.362	8.64E-08
AC021744.1	EWSR1	-0.361	9.3E-08
AC021744.1	NAP1L1	-0.361	9.05E-08
AC021744.1	LYZ	-0.361	9.34E-08
AC021744.1	CMTM7	-0.358	1.22E-07
AC021744.1	OSR1	-0.357	1.3E-07
AC021744.1	KIAA0930	-0.356	1.43E-07
AC021744.1	SPON2	-0.356	1.47E-07
AC021744.1	VOPP1	-0.355	1.55E-07
AC021744.1	BAG3	-0.354	1.68E-07
AC021744.1	ARMC9	-0.353	1.75E-07
AC021744.1	GGPS1	-0.353	1.77E-07
AC021744.1	STK17A	-0.352	1.99E-07
AC021744.1	FAM57A	-0.35	2.35E-07
AC021744.1	MMP7	-0.35	2.28E-07
AC021744.1	PACS1	-0.349	2.62E-07
AC021744.1	TRIM8	-0.349	2.49E-07
AC021744.1	PWWP2B	-0.349	2.5E-07
AC021744.1	RBP1	-0.348	2.89E-07
AC021744.1	TBC1D9	-0.346	3.16E-07
AC021744.1	MSANTD3	-0.346	3.3E-07
AC021744.1	NEK11	-0.345	3.44E-07
AC021744.1	TMEM136	-0.345	3.49E-07
AC021744.1	EPDR1	-0.345	3.62E-07
AC021744.1	GYG1	-0.344	3.74E-07
AC021744.1	RHBDF2	-0.344	3.72E-07
AC021744.1	CYTH2	-0.343	4.36E-07
AC021744.1	TAX1BP3	-0.343	4.32E-07
AC021744.1	MATN3	-0.342	4.68E-07
AC021744.1	CBFB	-0.342	4.5E-07
AC021744.1	VASP	-0.342	4.72E-07
AC021744.1	CPNE7	-0.342	4.51E-07
AC021744.1	CFAP221	-0.341	4.91E-07

AC021744.1	ROBO1	-0.341	4.91E-07
AC021744.1	PAFAH1B2	-0.34	5.49E-07
AC021744.1	CYP2E1	-0.34	5.21E-07
AC021744.1	SNAP25	-0.338	6.2E-07
AC021744.1	ACTN1	-0.338	6.51E-07
AC021744.1	CACNA2D3	-0.337	6.75E-07
AC021744.1	ZDHHC1	-0.337	7.08E-07
AC021744.1	MCU	-0.336	7.71E-07
AC021744.1	PPA1	-0.336	7.48E-07
AC021744.1	FAM89A	-0.335	8.3E-07
AC021744.1	IFNAR2	-0.334	8.89E-07
AC021744.1	TMEM2	-0.333	9.47E-07
AC021744.1	R3HCC1L	-0.333	9.41E-07
AC021744.1	CEMIP	-0.333	9.27E-07
AC021744.1	USH1C	-0.332	1.05E-06
AC021744.1	ST14	-0.331	1.11E-06
AC021744.1	STEAP1	-0.33	1.2E-06
AC021744.1	MDK	-0.33	1.19E-06
AC021744.1	FAM3B	-0.329	1.35E-06
AC021744.1	HNFB1B	-0.327	1.52E-06
AC021744.1	DCDC2	-0.327	1.53E-06
AC021744.1	FERMT1	-0.327	1.49E-06
AC021744.1	VEPH1	-0.327	1.53E-06
AC021744.1	GPR137B	-0.326	1.61E-06
AC021744.1	SLC34A2	-0.326	1.66E-06
AC021744.1	AMPD3	-0.325	1.8E-06
AC021744.1	MARCKSL1	-0.325	1.81E-06
AC021744.1	LAMC1	-0.324	1.97E-06
AC021744.1	ADORA1	-0.324	1.93E-06
AC021744.1	LOXL4	-0.324	1.93E-06
AC021744.1	LYPLAL1	-0.324	1.97E-06
AC021744.1	LYN	-0.324	1.85E-06
AC021744.1	PRKAA2	-0.324	1.95E-06
AC021744.1	NUAK2	-0.324	1.95E-06
AC021744.1	C9orf50	-0.323	2.01E-06
AC021744.1	ACSL3	-0.32	2.61E-06
AC021744.1	MAFG	-0.32	2.56E-06
AC021744.1	RBPMS	-0.32	2.63E-06
AC021744.1	EIF3D	-0.319	2.81E-06
AC021744.1	CPD	-0.319	2.71E-06
AC021744.1	SMAD3	-0.319	2.8E-06
AC021744.1	RBMS1	-0.319	2.74E-06
AC021744.1	UBASH3B	-0.318	3.03E-06
AC021744.1	TRIM11	-0.318	2.94E-06

AC021744.1	LONRF2	-0.318	2.96E-06
AC021744.1	CDC42EP1	-0.317	3.32E-06
AC021744.1	KRT8	-0.317	3.27E-06
AC021744.1	MPZL1	-0.316	3.42E-06
AC021744.1	COLCA2	-0.316	3.5E-06
AC021744.1	LPAR2	-0.316	3.63E-06
AC021744.1	MRAP2	-0.315	3.9E-06
AC021744.1	TLL2	-0.315	3.9E-06
AC021744.1	CUEDC1	-0.314	4.18E-06
AC021744.1	INTS9	-0.313	4.33E-06
AC021744.1	RNF24	-0.313	4.26E-06
AC021744.1	SOX4	-0.312	4.84E-06
AC021744.1	SSUH2	-0.312	4.65E-06
AC021744.1	LIMK2	-0.312	4.82E-06
AC021744.1	MFSD10	-0.312	4.88E-06
AC021744.1	PARD6G	-0.312	4.66E-06
AC021744.1	KRBA1	-0.312	4.85E-06
AC021744.1	KIAA1549	-0.311	4.97E-06
AC021744.1	NACC1	-0.31	5.59E-06
AC021744.1	ST3GAL5	-0.31	5.44E-06
AC021744.1	KLF16	-0.309	5.99E-06
AC021744.1	ZNF385A	-0.309	5.89E-06
AC021744.1	PRNP	-0.309	5.82E-06
AC021744.1	IKBKE	-0.309	5.78E-06
AC021744.1	PCBP4	-0.308	6.38E-06
AC021744.1	PKIB	-0.307	6.79E-06
AC021744.1	S100A11	-0.307	7.05E-06
AC021744.1	SLC38A1	-0.305	7.61E-06
AC021744.1	YAP1	-0.305	7.92E-06
AC021744.1	VTCN1	-0.304	8.66E-06
AC021744.1	ZSWIM4	-0.304	8.46E-06
AC021744.1	SLC7A7	-0.303	8.87E-06
AC021744.1	PLXNA3	-0.303	9.19E-06
AC021744.1	GAS2L1	-0.303	8.89E-06
AC021744.1	BLOC1S2	-0.303	9.26E-06
AC021744.1	PCNX2	-0.302	9.44E-06
AC021744.1	LIF	-0.302	9.94E-06
AC021744.1	TMEM255A	-0.302	9.63E-06
AC021744.1	ARL8A	-0.302	9.77E-06
AC021744.1	HSPB8	-0.301	1.04E-05
AC021744.1	OLR1	-0.301	1.03E-05
AC021744.1	TTLL4	-0.301	1.01E-05
AC021744.1	SPRYD3	-0.301	1.07E-05
AC021744.1	MAD1L1	0.301	1.02E-05

AC021744.1	F11	0.302	9.82E-06
AC021744.1	LRRC3	0.302	9.68E-06
AC021744.1	AKR1A1	0.302	9.94E-06
AC021744.1	THAP5	0.303	8.96E-06
AC021744.1	LRP6	0.303	9.39E-06
AC021744.1	APC	0.303	9.21E-06
AC021744.1	MFSD2A	0.304	8.68E-06
AC021744.1	C17orf113	0.304	8.35E-06
AC021744.1	PDIK1L	0.304	8.35E-06
AC021744.1	TFR2	0.304	8.59E-06
AC021744.1	GLRX5	0.304	8.25E-06
AC021744.1	SLC27A2	0.304	8.17E-06
AC021744.1	KRT85	0.305	8.16E-06
AC021744.1	SEC14L3	0.305	8.15E-06
AC021744.1	POLE2	0.305	7.65E-06
AC021744.1	CITED2	0.305	7.95E-06
AC021744.1	TMEM192	0.305	7.65E-06
AC021744.1	FAM221B	0.305	7.82E-06
AC021744.1	SPATA46	0.306	7.58E-06
AC021744.1	C1orf168	0.306	7.33E-06
AC021744.1	KLHL32	0.306	7.07E-06
AC021744.1	ZNF619	0.306	7.49E-06
AC021744.1	XYLB	0.306	7.09E-06
AC021744.1	TTPAL	0.306	7.31E-06
AC021744.1	CNGA1	0.306	7.57E-06
AC021744.1	TUBA3E	0.307	6.75E-06
AC021744.1	PPM1E	0.307	6.87E-06
AC021744.1	ARG1	0.307	6.74E-06
AC021744.1	GLCCI1	0.307	7.04E-06
AC021744.1	SELENOP	0.308	6.5E-06
AC021744.1	ACSM2A	0.308	6.53E-06
AC021744.1	VAMP1	0.308	6.34E-06
AC021744.1	ENTPD8	0.309	6.04E-06
AC021744.1	USP12	0.309	5.95E-06
AC021744.1	FXYD1	0.309	6.03E-06
AC021744.1	ZDHHC11B	0.309	5.85E-06
AC021744.1	DIO1	0.31	5.49E-06
AC021744.1	UGP2	0.31	5.49E-06
AC021744.1	POLE	0.31	5.58E-06
AC021744.1	PCBD2	0.31	5.29E-06
AC021744.1	IGSF23	0.311	5E-06
AC021744.1	SLC22A1	0.311	5.05E-06
AC021744.1	CES4A	0.312	4.58E-06
AC021744.1	SELENBP1	0.312	4.76E-06

AC021744.1	ZNF367	0.312	4.73E-06
AC021744.1	PARP3	0.312	4.83E-06
AC021744.1	PDLIM5	0.313	4.51E-06
AC021744.1	ABCC6	0.313	4.46E-06
AC021744.1	CHAD	0.313	4.51E-06
AC021744.1	CGNL1	0.313	4.42E-06
AC021744.1	DAB1	0.314	4.14E-06
AC021744.1	ABHD15	0.314	4.14E-06
AC021744.1	GAB1	0.314	3.93E-06
AC021744.1	GEN1	0.314	4.22E-06
AC021744.1	PRH1	0.314	4E-06
AC021744.1	SLC25A34	0.314	3.96E-06
AC021744.1	MAP3K5	0.315	3.7E-06
AC021744.1	DMC1	0.315	3.85E-06
AC021744.1	TENM1	0.315	3.72E-06
AC021744.1	SLC43A3	0.315	3.73E-06
AC021744.1	DMGDH	0.316	3.43E-06
AC021744.1	PHLDB2	0.316	3.41E-06
AC021744.1	EPB41L1	0.316	3.47E-06
AC021744.1	CFAP161	0.316	3.47E-06
AC021744.1	ALDH5A1	0.317	3.2E-06
AC021744.1	SRD5A1	0.317	3.38E-06
AC021744.1	ABCG5	0.317	3.33E-06
AC021744.1	NOP9	0.318	3.07E-06
AC021744.1	TMEM25	0.318	2.98E-06
AC021744.1	GPD1	0.318	3E-06
AC021744.1	FTCDNL1	0.318	3.01E-06
AC021744.1	PGRMC1	0.319	2.78E-06
AC021744.1	TNFSF10	0.319	2.84E-06
AC021744.1	MAP2K1	0.319	2.9E-06
AC021744.1	CYP17A1	0.319	2.79E-06
AC021744.1	SLC38A3	0.319	2.8E-06
AC021744.1	CNDP1	0.319	2.75E-06
AC021744.1	ALDH7A1	0.321	2.32E-06
AC021744.1	TBC1D2	0.321	2.34E-06
AC021744.1	ECHDC2	0.322	2.25E-06
AC021744.1	ABAT	0.322	2.3E-06
AC021744.1	GPN3	0.322	2.23E-06
AC021744.1	MOGAT2	0.322	2.19E-06
AC021744.1	MLLT11	0.323	2.09E-06
AC021744.1	GLYCTK	0.323	2.09E-06
AC021744.1	ACOX1	0.323	2.12E-06
AC021744.1	SAP30L	0.323	2.04E-06
AC021744.1	AGXT	0.323	1.99E-06

AC021744.1	COQ10A	0.324	1.92E-06
AC021744.1	ACBD4	0.324	1.9E-06
AC021744.1	ACSM2B	0.324	1.95E-06
AC021744.1	MPDZ	0.324	1.92E-06
AC021744.1	AK2	0.325	1.83E-06
AC021744.1	ZNF311	0.325	1.82E-06
AC021744.1	THRSP	0.326	1.64E-06
AC021744.1	PPARGC1B	0.326	1.7E-06
AC021744.1	NAGA	0.326	1.62E-06
AC021744.1	WNT8B	0.326	1.6E-06
AC021744.1	DERA	0.326	1.68E-06
AC021744.1	SLC5A12	0.326	1.69E-06
AC021744.1	SLC9C2	0.326	1.64E-06
AC021744.1	HMGCS2	0.327	1.56E-06
AC021744.1	NR1I3	0.328	1.37E-06
AC021744.1	ACBD5	0.328	1.43E-06
AC021744.1	ATP6V1G2	0.328	1.45E-06
AC021744.1	LGSN	0.329	1.31E-06
AC021744.1	SUCLG1	0.329	1.33E-06
AC021744.1	GUSB	0.329	1.31E-06
AC021744.1	RFESD	0.329	1.26E-06
AC021744.1	EPHX2	0.329	1.31E-06
AC021744.1	SLC5A10	0.33	1.23E-06
AC021744.1	DNAAF2	0.331	1.07E-06
AC021744.1	COBL	0.331	1.07E-06
AC021744.1	AGL	0.331	1.08E-06
AC021744.1	SLC51A	0.332	1.05E-06
AC021744.1	BBOX1	0.332	1.05E-06
AC021744.1	GLYATL3	0.332	1.01E-06
AC021744.1	CLCN1	0.332	9.85E-07
AC021744.1	TKFC	0.332	9.84E-07
AC021744.1	PHYH	0.332	1.02E-06
AC021744.1	DTWD2	0.332	9.92E-07
AC021744.1	SLC25A15	0.333	9.21E-07
AC021744.1	PTMS	0.333	9.55E-07
AC021744.1	CYP4F12	0.333	9.12E-07
AC021744.1	AVPR1A	0.334	8.91E-07
AC021744.1	FNDC5	0.334	8.49E-07
AC021744.1	FBP1	0.334	8.99E-07
AC021744.1	ACSS2	0.334	8.7E-07
AC021744.1	CEP120	0.334	8.71E-07
AC021744.1	PIPOX	0.334	8.83E-07
AC021744.1	CYP8B1	0.335	8.28E-07
AC021744.1	FOXO2	0.335	8.23E-07

AC021744.1	ITCH	0.335	8.2E-07
AC021744.1	CYP4F3	0.336	7.18E-07
AC021744.1	AKR1D1	0.336	7.6E-07
AC021744.1	APOC3	0.337	6.83E-07
AC021744.1	SLC30A4	0.337	6.81E-07
AC021744.1	CBLN3	0.337	6.84E-07
AC021744.1	PLCL2	0.337	6.72E-07
AC021744.1	SLC22A7	0.338	6.28E-07
AC021744.1	CCDC57	0.339	5.66E-07
AC021744.1	PDXDC1	0.339	5.9E-07
AC021744.1	CAT	0.34	5.44E-07
AC021744.1	ACY3	0.34	5.4E-07
AC021744.1	ACSL1	0.341	5.07E-07
AC021744.1	KLKB1	0.341	5.11E-07
AC021744.1	ALDH9A1	0.341	4.86E-07
AC021744.1	MIP	0.342	4.56E-07
AC021744.1	FAM124B	0.343	4.16E-07
AC021744.1	METTL7A	0.343	4.14E-07
AC021744.1	RTP3	0.343	4.28E-07
AC021744.1	SC5D	0.344	4.03E-07
AC021744.1	WNK3	0.345	3.58E-07
AC021744.1	COL5A3	0.345	3.63E-07
AC021744.1	HSD3B1	0.345	3.63E-07
AC021744.1	RAI14	0.345	3.43E-07
AC021744.1	PYGL	0.346	3.26E-07
AC021744.1	AMY2B	0.346	3.21E-07
AC021744.1	TTC36	0.347	2.94E-07
AC021744.1	FOXP3	0.347	3.08E-07
AC021744.1	CHPT1	0.347	2.98E-07
AC021744.1	ANO1	0.347	3.07E-07
AC021744.1	CROCC2	0.348	2.79E-07
AC021744.1	ABCC11	0.348	2.87E-07
AC021744.1	ARID3C	0.348	2.85E-07
AC021744.1	BTD	0.348	2.81E-07
AC021744.1	CFAP57	0.348	2.77E-07
AC021744.1	CYP2B6	0.35	2.4E-07
AC021744.1	ACADL	0.35	2.43E-07
AC021744.1	AC092042.3	0.351	2.07E-07
AC021744.1	PDE8A	0.351	2.21E-07
AC021744.1	GYS2	0.352	1.91E-07
AC021744.1	DHFR	0.352	1.97E-07
AC021744.1	SHMT1	0.353	1.77E-07
AC021744.1	TTR	0.353	1.83E-07
AC021744.1	CMBL	0.353	1.76E-07

AC021744.1	LMOD2	0.354	1.74E-07
AC021744.1	GSTA1	0.354	1.72E-07
AC021744.1	APOL5	0.354	1.71E-07
AC021744.1	GPR88	0.355	1.54E-07
AC021744.1	PI4K2B	0.355	1.51E-07
AC021744.1	MUT	0.356	1.36E-07
AC021744.1	NWD2	0.356	1.37E-07
AC021744.1	SCP2	0.357	1.24E-07
AC021744.1	AUTS2	0.357	1.31E-07
AC021744.1	NOL4	0.357	1.29E-07
AC021744.1	TTBK1	0.357	1.31E-07
AC021744.1	SLC23A3	0.357	1.26E-07
AC021744.1	DHRS4	0.358	1.22E-07
AC021744.1	CIDEB	0.359	1.09E-07
AC021744.1	TPPP	0.359	1.12E-07
AC021744.1	ISPD	0.359	1.11E-07
AC021744.1	ABHD5	0.361	8.8E-08
AC021744.1	SLC28A1	0.362	8.34E-08
AC021744.1	IYD	0.362	8.53E-08
AC021744.1	TM6SF2	0.362	8.37E-08
AC021744.1	OXER1	0.363	7.53E-08
AC021744.1	GLS2	0.363	7.67E-08
AC021744.1	KCNJ4	0.363	7.39E-08
AC021744.1	SULT1E1	0.363	7.75E-08
AC021744.1	C16orf45	0.365	6.66E-08
AC021744.1	AADAT	0.365	6.19E-08
AC021744.1	DAO	0.366	5.84E-08
AC021744.1	ANXA10	0.367	5.23E-08
AC021744.1	PPP1R3E	0.367	5.32E-08
AC021744.1	NR1I2	0.367	5.15E-08
AC021744.1	ADAMTS17	0.369	4.6E-08
AC021744.1	MOV10L1	0.369	4.41E-08
AC021744.1	RETREG1	0.369	4.42E-08
AC021744.1	SLC10A1	0.37	3.97E-08
AC021744.1	KLC4	0.371	3.86E-08
AC021744.1	SLC6A1	0.371	3.59E-08
AC021744.1	HAGH	0.371	3.74E-08
AC021744.1	MAFB	0.372	3.35E-08
AC021744.1	CWH43	0.372	3.48E-08
AC021744.1	SCN9A	0.372	3.49E-08
AC021744.1	KNG1	0.372	3.54E-08
AC021744.1	CYP4V2	0.373	3.17E-08
AC021744.1	MAN1C1	0.373	3.05E-08
AC021744.1	ETNPPL	0.374	2.92E-08

AC021744.1	LTB4R2	0.374	2.77E-08
AC021744.1	ACACB	0.374	2.92E-08
AC021744.1	GUCA2B	0.375	2.65E-08
AC021744.1	PFKFB1	0.376	2.42E-08
AC021744.1	FAHD2A	0.377	2.07E-08
AC021744.1	ADGRA3	0.378	1.98E-08
AC021744.1	DNMT3L	0.38	1.63E-08
AC021744.1	TIGD2	0.381	1.55E-08
AC021744.1	RBP5	0.381	1.52E-08
AC021744.1	MROH7	0.382	1.39E-08
AC021744.1	FAM198A	0.383	1.24E-08
AC021744.1	KIAA0922	0.384	1.13E-08
AC021744.1	DCAF11	0.384	1.14E-08
AC021744.1	UBXN2B	0.385	1.01E-08
AC021744.1	GBP7	0.386	9.57E-09
AC021744.1	HERC1	0.387	8.59E-09
AC021744.1	XDH	0.388	7.77E-09
AC021744.1	TRPM1	0.388	7.99E-09
AC021744.1	HAO2	0.389	6.91E-09
AC021744.1	ETNK2	0.389	6.85E-09
AC021744.1	RTL9	0.39	6.43E-09
AC021744.1	SLC22A25	0.39	6.28E-09
AC021744.1	TRO	0.391	5.66E-09
AC021744.1	GSTA5	0.391	5.95E-09
AC021744.1	TUBA3D	0.391	5.96E-09
AC021744.1	PCK2	0.392	5.03E-09
AC021744.1	BHMT	0.392	5.05E-09
AC021744.1	MNS1	0.392	5.2E-09
AC021744.1	ACO1	0.392	5.02E-09
AC021744.1	GHR	0.394	4.13E-09
AC021744.1	LIMD1	0.394	4.35E-09
AC021744.1	JAKMIP2	0.396	3.39E-09
AC021744.1	SYT7	0.4	2.4E-09
AC021744.1	PXMP2	0.404	1.62E-09
AC021744.1	USH2A	0.405	1.41E-09
AC021744.1	PRKAG2	0.406	1.33E-09
AC021744.1	ASCL1	0.407	1.21E-09
AC021744.1	GNAT1	0.407	1.2E-09
AC021744.1	MEP1B	0.407	1.19E-09
AC021744.1	HAAO	0.408	1.06E-09
AC021744.1	TMEM82	0.408	1.09E-09
AC021744.1	SAR1B	0.409	9.79E-10
AC021744.1	FETUB	0.413	5.97E-10
AC021744.1	USP2	0.414	5.66E-10

AC021744.1	PADI1	0.414	5.81E-10
AC021744.1	HSD17B13	0.416	4.77E-10
AC021744.1	PHGR1	0.417	4.23E-10
AC021744.1	FNIP2	0.418	3.88E-10
AC021744.1	CYP2A6	0.421	2.8E-10
AC021744.1	DPF3	0.422	2.43E-10
AC021744.1	KALRN	0.424	1.95E-10
AC021744.1	ALDOB	0.424	2.01E-10
AC021744.1	FEM1B	0.425	1.76E-10
AC021744.1	DGAT2	0.426	1.54E-10
AC021744.1	AC135586.2	0.427	1.36E-10
AC021744.1	CYP7A1	0.428	1.26E-10
AC021744.1	SLCO1A2	0.429	1.15E-10
AC021744.1	GSTA2	0.43	9.79E-11
AC021744.1	ADCY1	0.431	8.64E-11
AC021744.1	IL17RC	0.433	7.61E-11
AC021744.1	MTHFS	0.441	2.88E-11
AC021744.1	FGGY	0.447	1.4E-11
AC021744.1	APBA1	0.448	1.28E-11
AC021744.1	SFXN5	0.459	3.62E-12
AC021744.1	ROS1	0.464	1.89E-12
AC021744.1	POMGNT2	0.466	1.54E-12
AC021744.1	GCK	0.477	3.89E-13
AC021744.1	SLCO2B1	0.478	3.28E-13
AC021744.1	CYP2A7	0.49	6.32E-14
AC021744.1	CYP2A13	0.5	1.68E-14
AC021744.1	SPACA7	0.506	7.36E-15
AC021744.1	IL13	0.508	5.24E-15
AC021744.1	CPNE6	0.518	1.37E-15
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
LINC00487	REC8	0.301	1.01E-05
LINC00487	C11orf96	0.308	6.52E-06
LINC00487	PLSCR1	0.309	5.74E-06
LINC00487	TAP2	0.312	4.73E-06
LINC00487	C5AR1	0.315	3.73E-06
LINC00487	TTL9	0.318	2.94E-06
LINC00487	OAS3	0.327	1.58E-06
LINC00487	IRF9	0.333	9.23E-07
LINC00487	IFI27	0.353	1.9E-07
LINC00487	EPSTI1	0.354	1.71E-07
LINC00487	HERC6	0.357	1.32E-07
LINC00487	CMPK2	0.357	1.24E-07
LINC00487	IFITM1	0.376	2.29E-08
LINC00487	ISG15	0.399	2.48E-09
LINC00487	IFI44	0.402	1.95E-09
LINC00487	RSAD2	0.411	7.35E-10
LINC00487	MX2	0.421	2.54E-10
LINC00487	OAS2	0.459	3.42E-12
LINC00487	IFI6	0.463	2.13E-12
LINC00487	MX1	0.47	8.84E-13
LINC00487	IFI44L	0.54	4.82E-17
AC005858.1	ST5	-0.489	7.89E-14
AC005858.1	C17orf113	-0.433	7E-11
AC005858.1	LRIG3	-0.427	1.41E-10
AC005858.1	CNNM3	-0.423	2.21E-10
AC005858.1	PHF2	-0.423	2.07E-10
AC005858.1	GLCCI1	-0.418	3.62E-10
AC005858.1	ATXN1	-0.41	8.78E-10

AC005858.1	PCNX4	-0.408	1.06E-09
AC005858.1	SCAI	-0.405	1.41E-09
AC005858.1	TNS1	-0.401	2.14E-09
AC005858.1	CHD2	-0.399	2.51E-09
AC005858.1	IGFALS	-0.398	2.83E-09
AC005858.1	FARP2	-0.398	2.75E-09
AC005858.1	ARID1A	-0.397	3.19E-09
AC005858.1	ARHGEF18	-0.394	4.11E-09
AC005858.1	ZFX	-0.394	4.33E-09
AC005858.1	ERC1	-0.393	4.52E-09
AC005858.1	ARHGAP32	-0.392	5.39E-09
AC005858.1	REV1	-0.392	5.41E-09
AC005858.1	BRD3	-0.39	6.03E-09
AC005858.1	PASK	-0.388	7.66E-09
AC005858.1	CDKL5	-0.386	8.97E-09
AC005858.1	RTKL1-TNFRSF6B	-0.385	1.03E-08
AC005858.1	RAVER1	-0.384	1.15E-08
AC005858.1	SLC29A1	-0.381	1.49E-08
AC005858.1	RPS6KA5	-0.381	1.43E-08
AC005858.1	SMG6	-0.38	1.61E-08
AC005858.1	C2CD3	-0.379	1.75E-08
AC005858.1	PPP1R26	-0.379	1.77E-08
AC005858.1	SMAD7	-0.379	1.74E-08
AC005858.1	HERC1	-0.379	1.86E-08
AC005858.1	NCAPD3	-0.378	1.93E-08
AC005858.1	TMED8	-0.378	2.04E-08
AC005858.1	GARNL3	-0.378	2.04E-08
AC005858.1	TTC3	-0.377	2.18E-08
AC005858.1	KIAA0355	-0.377	2.11E-08
AC005858.1	TXNDC16	-0.376	2.45E-08
AC005858.1	ASH1L	-0.375	2.7E-08
AC005858.1	HELZ	-0.375	2.5E-08
AC005858.1	GSE1	-0.374	2.92E-08
AC005858.1	CEP192	-0.374	2.92E-08
AC005858.1	LDLRAD4	-0.373	3.21E-08
AC005858.1	SOS2	-0.372	3.49E-08
AC005858.1	SLC12A6	-0.372	3.37E-08
AC005858.1	RNF38	-0.371	3.78E-08
AC005858.1	PHF12	-0.37	4.22E-08
AC005858.1	ZNF70	-0.37	4.19E-08
AC005858.1	YLPM1	-0.369	4.56E-08
AC005858.1	ZNF407	-0.369	4.45E-08
AC005858.1	AGO3	-0.368	5.05E-08
AC005858.1	SENP1	-0.367	5.25E-08

AC005858.1	SKIL	-0.367	5.2E-08
AC005858.1	SERTAD2	-0.367	5.18E-08
AC005858.1	WBP1	-0.365	6.67E-08
AC005858.1	CELSR2	-0.364	6.85E-08
AC005858.1	NRIP1	-0.363	7.59E-08
AC005858.1	KANK2	-0.363	7.49E-08
AC005858.1	SMC6	-0.363	7.35E-08
AC005858.1	DYRK1A	-0.363	7.52E-08
AC005858.1	ZNF689	-0.361	9.18E-08
AC005858.1	FBXO34	-0.361	9.36E-08
AC005858.1	LEMD3	-0.361	9.01E-08
AC005858.1	TRAK1	-0.36	1.03E-07
AC005858.1	ZFYVE26	-0.36	9.79E-08
AC005858.1	KMT2D	-0.359	1.1E-07
AC005858.1	PLAGL2	-0.358	1.22E-07
AC005858.1	ZNF649	-0.358	1.15E-07
AC005858.1	STAG1	-0.358	1.2E-07
AC005858.1	UBXN7	-0.356	1.38E-07
AC005858.1	SNED1	-0.355	1.55E-07
AC005858.1	SLC24A1	-0.355	1.48E-07
AC005858.1	ANKRD26	-0.354	1.71E-07
AC005858.1	ARID1B	-0.353	1.86E-07
AC005858.1	PLEKHA7	-0.353	1.89E-07
AC005858.1	RIPOR3	-0.353	1.8E-07
AC005858.1	CRY1	-0.353	1.74E-07
AC005858.1	PRRG4	-0.352	1.96E-07
AC005858.1	ZNF609	-0.352	2.04E-07
AC005858.1	GAB1	-0.351	2.21E-07
AC005858.1	SUSD6	-0.351	2.12E-07
AC005858.1	GPATCH2L	-0.351	2.23E-07
AC005858.1	AUTS2	-0.35	2.3E-07
AC005858.1	KMT2E	-0.35	2.34E-07
AC005858.1	BCOR	-0.35	2.41E-07
AC005858.1	SYNJ2	-0.349	2.48E-07
AC005858.1	AKR1D1	-0.349	2.56E-07
AC005858.1	REL	-0.348	2.79E-07
AC005858.1	MYO5C	-0.348	2.87E-07
AC005858.1	RABGAP1	-0.348	2.7E-07
AC005858.1	JMJD7	-0.347	2.93E-07
AC005858.1	ZNF606	-0.347	3.14E-07
AC005858.1	KANSL1	-0.346	3.23E-07
AC005858.1	CHKB-CPT1B	-0.346	3.31E-07
AC005858.1	C15orf38-AP3S2	-0.345	3.65E-07
AC005858.1	APAF1	-0.345	3.68E-07

AC005858.1	GPATCH8	-0.345	3.64E-07
AC005858.1	ACTN4	-0.344	3.78E-07
AC005858.1	RBFOX2	-0.344	3.82E-07
AC005858.1	ZBTB39	-0.344	3.97E-07
AC005858.1	XRN1	-0.343	4.08E-07
AC005858.1	PHLDB2	-0.343	4.25E-07
AC005858.1	ZMIZ1	-0.343	4.1E-07
AC005858.1	ZBTB44	-0.343	4.35E-07
AC005858.1	RNF41	-0.343	4.37E-07
AC005858.1	EPC1	-0.342	4.41E-07
AC005858.1	LTB4R2	-0.342	4.69E-07
AC005858.1	NUMA1	-0.342	4.47E-07
AC005858.1	CTDSPL2	-0.342	4.73E-07
AC005858.1	BTBD7	-0.342	4.65E-07
AC005858.1	COL4A3	-0.342	4.7E-07
AC005858.1	ARID4A	-0.341	4.83E-07
AC005858.1	SYNJ1	-0.341	4.87E-07
AC005858.1	FANCM	-0.341	5E-07
AC005858.1	USP37	-0.341	4.87E-07
AC005858.1	ZNF417	-0.341	4.89E-07
AC005858.1	PRKCE	-0.34	5.45E-07
AC005858.1	ZRANB1	-0.34	5.44E-07
AC005858.1	SRCAP	-0.34	5.28E-07
AC005858.1	SON	-0.34	5.6E-07
AC005858.1	LTBP1	-0.34	5.59E-07
AC005858.1	MAFB	-0.339	5.72E-07
AC005858.1	CIC	-0.339	5.75E-07
AC005858.1	KDM4D	-0.339	5.77E-07
AC005858.1	DAB2IP	-0.338	6.41E-07
AC005858.1	FER	-0.338	6.51E-07
AC005858.1	ZNF236	-0.338	6.47E-07
AC005858.1	SYNE3	-0.338	6.09E-07
AC005858.1	RFX7	-0.338	6.26E-07
AC005858.1	FBXL14	-0.338	6.55E-07
AC005858.1	ZXDA	-0.337	6.96E-07
AC005858.1	GIGYF2	-0.337	6.88E-07
AC005858.1	ANKRD12	-0.336	7.32E-07
AC005858.1	HMCN1	-0.336	7.22E-07
AC005858.1	DST	-0.336	7.51E-07
AC005858.1	TET2	-0.336	7.32E-07
AC005858.1	SHPRH	-0.336	7.71E-07
AC005858.1	RALGPS1	-0.335	8.18E-07
AC005858.1	SEC14L3	-0.335	7.78E-07
AC005858.1	FAM168A	-0.335	7.94E-07

AC005858.1	CNTRL	-0.335	8.18E-07
AC005858.1	CGNL1	-0.335	8.06E-07
AC005858.1	WDPCP	-0.334	8.76E-07
AC005858.1	PER2	-0.334	9.07E-07
AC005858.1	AC027796.3	-0.333	9.23E-07
AC005858.1	CREB3L2	-0.333	9.66E-07
AC005858.1	RFX1	-0.333	9.72E-07
AC005858.1	VHL	-0.333	9.53E-07
AC005858.1	EMSY	-0.332	9.89E-07
AC005858.1	TAF1	-0.332	1E-06
AC005858.1	AL121845.3	-0.332	1.04E-06
AC005858.1	FAM102A	-0.331	1.11E-06
AC005858.1	PEAK1	-0.331	1.09E-06
AC005858.1	WDTC1	-0.33	1.22E-06
AC005858.1	CCDC186	-0.33	1.17E-06
AC005858.1	CARF	-0.329	1.33E-06
AC005858.1	SIPA1L3	-0.329	1.26E-06
AC005858.1	PCNX1	-0.329	1.25E-06
AC005858.1	EHMT1	-0.329	1.33E-06
AC005858.1	TET3	-0.328	1.39E-06
AC005858.1	ZC3H4	-0.328	1.41E-06
AC005858.1	SPTLC1	-0.328	1.38E-06
AC005858.1	RTTN	-0.327	1.55E-06
AC005858.1	FBXW2	-0.327	1.54E-06
AC005858.1	KMT2A	-0.327	1.47E-06
AC005858.1	BHLHE40	-0.327	1.54E-06
AC005858.1	MKL2	-0.327	1.57E-06
AC005858.1	PTPRA	-0.326	1.66E-06
AC005858.1	SP4	-0.326	1.62E-06
AC005858.1	HSPG2	-0.326	1.68E-06
AC005858.1	SPIN1	-0.326	1.68E-06
AC005858.1	ZNF362	-0.326	1.67E-06
AC005858.1	SYNE1	-0.326	1.65E-06
AC005858.1	ZNF776	-0.325	1.77E-06
AC005858.1	RNF31	-0.325	1.73E-06
AC005858.1	GON4L	-0.325	1.72E-06
AC005858.1	SMARCC2	-0.325	1.77E-06
AC005858.1	BCL9L	-0.325	1.83E-06
AC005858.1	PRSS53	-0.325	1.77E-06
AC005858.1	ZSWIM8	-0.324	1.87E-06
AC005858.1	MAT2A	-0.324	1.94E-06
AC005858.1	KIAA2026	-0.324	1.9E-06
AC005858.1	ZKSCAN8	-0.324	1.86E-06
AC005858.1	TTLL5	-0.324	1.86E-06

AC005858.1	DNMT3B	-0.323	2.04E-06
AC005858.1	ZNF384	-0.323	2.13E-06
AC005858.1	AHNAK	-0.323	2.13E-06
AC005858.1	ZNF264	-0.323	2.14E-06
AC005858.1	MED13L	-0.323	2.04E-06
AC005858.1	MIB1	-0.323	2.03E-06
AC005858.1	AMOTL2	-0.323	2.05E-06
AC005858.1	ATXN7	-0.323	2.01E-06
AC005858.1	SCHIP1	-0.322	2.24E-06
AC005858.1	MACF1	-0.322	2.16E-06
AC005858.1	DPF3	-0.322	2.22E-06
AC005858.1	COL4A4	-0.322	2.28E-06
AC005858.1	SLC5A3	-0.322	2.24E-06
AC005858.1	ELMSAN1	-0.321	2.5E-06
AC005858.1	MAP3K3	-0.321	2.38E-06
AC005858.1	EP300	-0.32	2.63E-06
AC005858.1	ANKS1A	-0.319	2.86E-06
AC005858.1	NEK9	-0.319	2.76E-06
AC005858.1	FAM234B	-0.319	2.79E-06
AC005858.1	KLHL11	-0.318	2.96E-06
AC005858.1	HACE1	-0.318	3.13E-06
AC005858.1	ZNF112	-0.317	3.27E-06
AC005858.1	CHD6	-0.317	3.35E-06
AC005858.1	MPRIP	-0.317	3.34E-06
AC005858.1	VEZF1	-0.317	3.27E-06
AC005858.1	TGFBRAP1	-0.317	3.15E-06
AC005858.1	ZBTB34	-0.317	3.23E-06
AC005858.1	FRMD4B	-0.317	3.33E-06
AC005858.1	PXYLP1	-0.316	3.64E-06
AC005858.1	ALOX12	-0.316	3.62E-06
AC005858.1	CREBBP	-0.316	3.6E-06
AC005858.1	LATS1	-0.316	3.45E-06
AC005858.1	STRADA	-0.315	3.75E-06
AC005858.1	LRRC37A2	-0.315	3.68E-06
AC005858.1	ZNF45	-0.315	3.82E-06
AC005858.1	ZNF564	-0.314	4.23E-06
AC005858.1	CNTLN	-0.314	4.09E-06
AC005858.1	VPS37B	-0.314	3.95E-06
AC005858.1	PTAR1	-0.314	4.2E-06
AC005858.1	ZNF615	-0.314	4.14E-06
AC005858.1	PLEKHA5	-0.314	3.94E-06
AC005858.1	DIP2B	-0.313	4.31E-06
AC005858.1	OTUD3	-0.313	4.48E-06
AC005858.1	PHACTR4	-0.313	4.26E-06

AC005858.1	HMG20A	-0.313	4.26E-06
AC005858.1	SIRT1	-0.313	4.41E-06
AC005858.1	DPP8	-0.313	4.42E-06
AC005858.1	SMURF2	-0.313	4.31E-06
AC005858.1	INTS2	-0.312	4.72E-06
AC005858.1	ZNF510	-0.312	4.9E-06
AC005858.1	DIP2A	-0.312	4.56E-06
AC005858.1	TSTD2	-0.311	4.92E-06
AC005858.1	ZNF184	-0.311	5.22E-06
AC005858.1	OSBPL11	-0.311	4.91E-06
AC005858.1	POLH	-0.311	5.08E-06
AC005858.1	TRAM2	-0.311	5.15E-06
AC005858.1	PRRC2B	-0.311	5.03E-06
AC005858.1	MBTD1	-0.31	5.4E-06
AC005858.1	BMPR2	-0.31	5.38E-06
AC005858.1	ATP11B	-0.31	5.62E-06
AC005858.1	NOTCH1	-0.31	5.55E-06
AC005858.1	DICER1	-0.31	5.43E-06
AC005858.1	REV3L	-0.31	5.35E-06
AC005858.1	KDM6A	-0.309	5.88E-06
AC005858.1	ZMYM4	-0.309	5.82E-06
AC005858.1	LNP1	-0.309	5.76E-06
AC005858.1	NKTR	-0.309	5.83E-06
AC005858.1	NPAT	-0.309	5.78E-06
AC005858.1	MLLT10	-0.309	5.76E-06
AC005858.1	HECTD4	-0.309	5.95E-06
AC005858.1	DOCK9	-0.308	6.3E-06
AC005858.1	ZNF765	-0.308	6.39E-06
AC005858.1	ZGRF1	-0.308	6.46E-06
AC005858.1	NAALADL2	-0.308	6.34E-06
AC005858.1	SCAPER	-0.307	6.88E-06
AC005858.1	DOPEY1	-0.307	7.03E-06
AC005858.1	MSL2	-0.307	6.68E-06
AC005858.1	PIK3R1	-0.307	6.67E-06
AC005858.1	DLG1	-0.307	6.63E-06
AC005858.1	ATF7	-0.306	7.2E-06
AC005858.1	SGK494	-0.305	7.61E-06
AC005858.1	AKT1	-0.305	8.06E-06
AC005858.1	WDR88	-0.305	8.16E-06
AC005858.1	TCF12	-0.305	8.12E-06
AC005858.1	INHBC	-0.305	7.66E-06
AC005858.1	SEC14L4	-0.305	7.85E-06
AC005858.1	ZNF594	-0.305	7.71E-06
AC005858.1	LRCH4	-0.304	8.39E-06

AC005858.1	POGZ	-0.304	8.44E-06
AC005858.1	PER3	-0.304	8.75E-06
AC005858.1	MAML1	-0.304	8.77E-06
AC005858.1	ZNF592	-0.304	8.31E-06
AC005858.1	USP34	-0.304	8.25E-06
AC005858.1	PP2D1	-0.304	8.39E-06
AC005858.1	PTPN21	-0.304	8.77E-06
AC005858.1	TOB2	-0.304	8.22E-06
AC005858.1	SPICE1	-0.303	9.38E-06
AC005858.1	EPHA1	-0.303	9.01E-06
AC005858.1	BPTF	-0.303	9.31E-06
AC005858.1	ZSCAN30	-0.303	9E-06
AC005858.1	RTEL1	-0.303	8.83E-06
AC005858.1	TRAPPC10	-0.303	9.32E-06
AC005858.1	DCDC2B	-0.303	9.19E-06
AC005858.1	ZNF35	-0.303	9.06E-06
AC005858.1	BOD1L1	-0.303	8.92E-06
AC005858.1	TJP1	-0.303	9.16E-06
AC005858.1	C4orf46	-0.303	9.41E-06
AC005858.1	ZNF543	-0.303	9.17E-06
AC005858.1	ANKRD36	-0.303	8.91E-06
AC005858.1	CRTC3	-0.302	9.96E-06
AC005858.1	SSH1	-0.302	1.01E-05
AC005858.1	THSD4	-0.302	9.56E-06
AC005858.1	MICAL3	-0.302	9.65E-06
AC005858.1	EPX	-0.302	9.56E-06
AC005858.1	PAXBP1	-0.302	9.81E-06
AC005858.1	PRRC2A	-0.302	9.65E-06
AC005858.1	CABLES1	-0.302	9.95E-06
AC005858.1	GPR75	-0.301	1.02E-05
AC005858.1	IPPK	-0.301	1.02E-05
AC005858.1	NCOR2	-0.301	1.04E-05
AC005858.1	PIKFYVE	-0.301	1.08E-05
AC005858.1	SAMD4A	-0.301	1.02E-05
AC005858.1	FH	0.31	5.38E-06
AC005858.1	UBE2B	0.31	5.54E-06
AC005858.1	PSMC2	0.31	5.58E-06
AC005858.1	TMEM126A	0.31	5.59E-06
AC005858.1	MRPL52	0.31	5.60E-06
AC005858.1	IFI35	0.31	5.65E-06
AC005858.1	RPS26	0.311	5.18E-06
AC005858.1	MANF	0.311	5.08E-06
AC005858.1	RRP8	0.311	5.12E-06
AC005858.1	PSENEN	0.311	5.09E-06

AC005858.1	MDH2	0.312	4.86E-06
AC005858.1	MTG2	0.312	4.65E-06
AC005858.1	COX7B	0.312	4.78E-06
AC005858.1	SRA1	0.312	4.80E-06
AC005858.1	TOMM22	0.312	4.72E-06
AC005858.1	TUFM	0.312	4.88E-06
AC005858.1	OSER1	0.312	4.85E-06
AC005858.1	CCT6A	0.312	4.68E-06
AC005858.1	SNRPD3	0.312	4.68E-06
AC005858.1	RPL38	0.312	4.78E-06
AC005858.1	PES1	0.313	4.45E-06
AC005858.1	ATP5I	0.313	4.40E-06
AC005858.1	TMEM223	0.313	4.43E-06
AC005858.1	APOO	0.313	4.55E-06
AC005858.1	SKP1	0.313	4.47E-06
AC005858.1	COX14	0.313	4.44E-06
AC005858.1	RPL39	0.314	4.04E-06
AC005858.1	CISD2	0.314	3.97E-06
AC005858.1	EEF2KMT	0.314	3.99E-06
AC005858.1	IK	0.314	4.04E-06
AC005858.1	MRPS9	0.314	3.95E-06
AC005858.1	PSMA3	0.314	3.98E-06
AC005858.1	PSMC4	0.314	4.06E-06
AC005858.1	NOP56	0.315	3.81E-06
AC005858.1	DYNC1LI1	0.315	3.68E-06
AC005858.1	PRR7	0.315	3.67E-06
AC005858.1	BRIX1	0.315	3.69E-06
AC005858.1	SPP1	0.315	3.89E-06
AC005858.1	NDUFS6	0.315	3.69E-06
AC005858.1	RNF113A	0.315	3.66E-06
AC005858.1	BNIP3	0.315	3.91E-06
AC005858.1	COX5B	0.315	3.81E-06
AC005858.1	RPL37	0.315	3.84E-06
AC005858.1	MRPL16	0.316	3.63E-06
AC005858.1	KARS	0.316	3.65E-06
AC005858.1	RPP38	0.316	3.50E-06
AC005858.1	ATP5H	0.317	3.27E-06
AC005858.1	CST3	0.317	3.20E-06
AC005858.1	CYB561D2	0.317	3.16E-06
AC005858.1	SELENOF	0.317	3.22E-06
AC005858.1	EIF2B3	0.317	3.25E-06
AC005858.1	IMP3	0.318	2.92E-06
AC005858.1	GK	0.318	3.06E-06
AC005858.1	NFKB2	0.318	3.08E-06

AC005858.1	MRPL27	0.319	2.72E-06
AC005858.1	MRPS7	0.319	2.90E-06
AC005858.1	POLR2L	0.319	2.77E-06
AC005858.1	NT5C	0.32	2.51E-06
AC005858.1	PRDX6	0.32	2.52E-06
AC005858.1	RPL8	0.32	2.68E-06
AC005858.1	MTIF3	0.32	2.58E-06
AC005858.1	TSPAN8	0.32	2.59E-06
AC005858.1	SIL1	0.32	2.59E-06
AC005858.1	NUTF2	0.32	2.54E-06
AC005858.1	CLPP	0.32	2.53E-06
AC005858.1	TRIM16L	0.321	2.34E-06
AC005858.1	MRPS25	0.321	2.43E-06
AC005858.1	PTRHD1	0.321	2.47E-06
AC005858.1	DPY30	0.321	2.49E-06
AC005858.1	C12orf45	0.321	2.36E-06
AC005858.1	FBXW10	0.321	2.47E-06
AC005858.1	TRMU	0.321	2.42E-06
AC005858.1	SPCS1	0.321	2.35E-06
AC005858.1	NDUFA6	0.321	2.34E-06
AC005858.1	UFD1	0.321	2.33E-06
AC005858.1	NECAB3	0.321	2.47E-06
AC005858.1	BUD23	0.322	2.18E-06
AC005858.1	ERICH2	0.322	2.27E-06
AC005858.1	FIS1	0.322	2.18E-06
AC005858.1	NDUFB11	0.322	2.24E-06
AC005858.1	RRP12	0.323	2.05E-06
AC005858.1	UBA52	0.323	2.00E-06
AC005858.1	SNU13	0.323	2.10E-06
AC005858.1	MRPL17	0.323	2.04E-06
AC005858.1	PUSL1	0.323	2.00E-06
AC005858.1	HSPA9	0.323	2.13E-06
AC005858.1	VPS28	0.323	2.06E-06
AC005858.1	ATAD3B	0.324	1.86E-06
AC005858.1	ELOB	0.324	1.87E-06
AC005858.1	TIMM8B	0.324	1.96E-06
AC005858.1	B3GAT3	0.324	1.88E-06
AC005858.1	POP4	0.325	1.74E-06
AC005858.1	UXT	0.325	1.74E-06
AC005858.1	SSR4	0.325	1.82E-06
AC005858.1	KXD1	0.325	1.83E-06
AC005858.1	ITPA	0.325	1.73E-06
AC005858.1	TTC1	0.325	1.80E-06
AC005858.1	NOL3	0.326	1.60E-06

AC005858.1	TMEM208	0.326	1.69E-06
AC005858.1	RACK1	0.326	1.62E-06
AC005858.1	COX7C	0.327	1.53E-06
AC005858.1	TBRG4	0.327	1.46E-06
AC005858.1	NDUFV2	0.327	1.48E-06
AC005858.1	NHP2	0.327	1.46E-06
AC005858.1	MRPL58	0.328	1.39E-06
AC005858.1	MRPL40	0.328	1.44E-06
AC005858.1	ZFYVE19	0.328	1.39E-06
AC005858.1	LSM10	0.329	1.29E-06
AC005858.1	MRPS16	0.329	1.32E-06
AC005858.1	PSMD14	0.329	1.29E-06
AC005858.1	STYXL1	0.33	1.21E-06
AC005858.1	FAM177B	0.33	1.24E-06
AC005858.1	PSMD13	0.33	1.21E-06
AC005858.1	TXNDC17	0.33	1.16E-06
AC005858.1	RPL30	0.33	1.17E-06
AC005858.1	GUK1	0.33	1.20E-06
AC005858.1	BUD31	0.33	1.23E-06
AC005858.1	NDUFA1	0.33	1.24E-06
AC005858.1	EIF3E	0.33	1.18E-06
AC005858.1	EIF3D	0.33	1.24E-06
AC005858.1	PSMD9	0.33	1.17E-06
AC005858.1	TATDN1	0.33	1.18E-06
AC005858.1	MRPS15	0.33	1.18E-06
AC005858.1	REXO2	0.331	1.12E-06
AC005858.1	MRPL15	0.331	1.08E-06
AC005858.1	TXNDC9	0.331	1.10E-06
AC005858.1	RRS1	0.331	1.15E-06
AC005858.1	RPS19BP1	0.331	1.12E-06
AC005858.1	TSFM	0.332	9.97E-07
AC005858.1	AIMP1	0.332	9.95E-07
AC005858.1	MTERF3	0.332	1.04E-06
AC005858.1	PSMB5	0.332	1.05E-06
AC005858.1	LMAN2	0.332	1.03E-06
AC005858.1	GLRX2	0.332	1.05E-06
AC005858.1	PUF60	0.333	9.61E-07
AC005858.1	BYSL	0.333	9.23E-07
AC005858.1	COX6B1	0.333	9.80E-07
AC005858.1	ABCB6	0.334	8.85E-07
AC005858.1	KYNU	0.334	8.75E-07
AC005858.1	C18orf21	0.334	8.68E-07
AC005858.1	EIF3B	0.335	7.96E-07
AC005858.1	EIF3H	0.335	7.85E-07

AC005858.1	MRPL24	0.335	8.24E-07
AC005858.1	AKR1C1	0.335	8.32E-07
AC005858.1	DNAJC7	0.335	8.01E-07
AC005858.1	METTL1	0.335	7.84E-07
AC005858.1	NDUFA2	0.335	7.76E-07
AC005858.1	NDUFA7	0.336	7.18E-07
AC005858.1	C19orf24	0.337	6.62E-07
AC005858.1	ZNHIT2	0.337	6.68E-07
AC005858.1	NDUFAB1	0.338	6.28E-07
AC005858.1	GSTO1	0.338	6.45E-07
AC005858.1	BABAM2	0.338	6.21E-07
AC005858.1	CISD3	0.339	5.89E-07
AC005858.1	RGS14	0.339	5.98E-07
AC005858.1	PPAN	0.339	5.72E-07
AC005858.1	ATP5E	0.339	5.79E-07
AC005858.1	NPM1	0.339	5.78E-07
AC005858.1	DECR1	0.339	5.80E-07
AC005858.1	IL32	0.34	5.52E-07
AC005858.1	MAGIX	0.34	5.34E-07
AC005858.1	C8orf59	0.34	5.18E-07
AC005858.1	BTF3	0.34	5.19E-07
AC005858.1	VDAC1	0.34	5.27E-07
AC005858.1	GALR2	0.34	5.22E-07
AC005858.1	RSL1D1	0.341	5.08E-07
AC005858.1	ENY2	0.341	5.04E-07
AC005858.1	IFITM2	0.342	4.73E-07
AC005858.1	MCTS1	0.342	4.66E-07
AC005858.1	C1orf50	0.342	4.57E-07
AC005858.1	NDUF4F4	0.342	4.54E-07
AC005858.1	PDCD6	0.343	4.18E-07
AC005858.1	RPS14	0.343	4.23E-07
AC005858.1	SMIM26	0.343	4.35E-07
AC005858.1	PRDX1	0.344	4.02E-07
AC005858.1	RASD1	0.344	3.74E-07
AC005858.1	GRPEL1	0.345	3.62E-07
AC005858.1	TIMM23	0.346	3.17E-07
AC005858.1	MRPS33	0.346	3.37E-07
AC005858.1	FARSB	0.346	3.24E-07
AC005858.1	CEACAM1	0.346	3.28E-07
AC005858.1	MIEN1	0.347	3.09E-07
AC005858.1	GPX2	0.347	2.90E-07
AC005858.1	EIF5A	0.348	2.83E-07
AC005858.1	ORMDL2	0.348	2.77E-07
AC005858.1	EXOSC5	0.348	2.86E-07

AC005858.1	SLC25A53	0.348	2.84E-07
AC005858.1	AKR1C3	0.348	2.68E-07
AC005858.1	ERP29	0.348	2.85E-07
AC005858.1	MRPL22	0.348	2.81E-07
AC005858.1	PRDX4	0.348	2.83E-07
AC005858.1	FTL	0.348	2.72E-07
AC005858.1	C8G	0.349	2.61E-07
AC005858.1	ZHX1-C8orf76	0.349	2.55E-07
AC005858.1	RPP40	0.349	2.54E-07
AC005858.1	SRP19	0.349	2.51E-07
AC005858.1	PQBP1	0.349	2.56E-07
AC005858.1	ASPHD1	0.351	2.09E-07
AC005858.1	MALSU1	0.351	2.11E-07
AC005858.1	MRPL36	0.351	2.10E-07
AC005858.1	EIF2S2	0.351	2.19E-07
AC005858.1	PIR	0.352	2.04E-07
AC005858.1	NAA20	0.352	2.05E-07
AC005858.1	CCDC58	0.352	1.96E-07
AC005858.1	GEMIN6	0.352	1.97E-07
AC005858.1	PRELID1	0.352	1.97E-07
AC005858.1	ATIC	0.352	2.03E-07
AC005858.1	WDR55	0.352	1.91E-07
AC005858.1	PDCD5	0.353	1.77E-07
AC005858.1	RER1	0.353	1.76E-07
AC005858.1	RARS	0.353	1.83E-07
AC005858.1	AVEN	0.353	1.89E-07
AC005858.1	CCT2	0.353	1.86E-07
AC005858.1	PDCL3	0.354	1.67E-07
AC005858.1	DNTTIP2	0.354	1.63E-07
AC005858.1	SLC22A18AS	0.355	1.55E-07
AC005858.1	PFDN4	0.355	1.53E-07
AC005858.1	PYCR3	0.355	1.53E-07
AC005858.1	NUDC	0.355	1.48E-07
AC005858.1	SPR	0.355	1.59E-07
AC005858.1	COA6	0.356	1.42E-07
AC005858.1	PUS1	0.356	1.39E-07
AC005858.1	MRPS34	0.356	1.43E-07
AC005858.1	COMMD5	0.356	1.42E-07
AC005858.1	PSMB3	0.357	1.27E-07
AC005858.1	HIGD2A	0.357	1.26E-07
AC005858.1	TIMM10	0.358	1.18E-07
AC005858.1	CCT3	0.359	1.11E-07
AC005858.1	FKBP2	0.359	1.12E-07
AC005858.1	ATP5J2	0.36	1.02E-07

AC005858.1	RBM45	0.36	1.02E-07
AC005858.1	GAPDH	0.361	9.29E-08
AC005858.1	LDHA	0.362	8.39E-08
AC005858.1	MRT04	0.362	8.17E-08
AC005858.1	DERL1	0.363	7.49E-08
AC005858.1	ITIH4	0.364	7.20E-08
AC005858.1	EIF6	0.364	7.22E-08
AC005858.1	NOP10	0.364	7.17E-08
AC005858.1	PPP1R14B	0.364	6.89E-08
AC005858.1	MCAT	0.364	6.77E-08
AC005858.1	DUSP23	0.365	6.40E-08
AC005858.1	RPL26L1	0.365	6.34E-08
AC005858.1	COA4	0.366	5.88E-08
AC005858.1	POLR2K	0.366	5.92E-08
AC005858.1	COA3	0.366	5.84E-08
AC005858.1	EMC2	0.366	5.68E-08
AC005858.1	LLPH	0.366	5.70E-08
AC005858.1	HM13	0.366	5.94E-08
AC005858.1	PRR13	0.367	5.39E-08
AC005858.1	DYNLL1	0.367	5.56E-08
AC005858.1	CYC1	0.367	5.47E-08
AC005858.1	TRMT10C	0.368	5.09E-08
AC005858.1	NAA10	0.37	3.96E-08
AC005858.1	AK6	0.37	4.11E-08
AC005858.1	SSBP1	0.372	3.39E-08
AC005858.1	PPA1	0.373	3.11E-08
AC005858.1	FST	0.373	3.02E-08
AC005858.1	PPP1R35	0.373	3.06E-08
AC005858.1	CPLX2	0.373	3.14E-08
AC005858.1	SLC22A18	0.373	3.05E-08
AC005858.1	USMG5	0.373	2.98E-08
AC005858.1	RRP7A	0.374	2.72E-08
AC005858.1	IPO4	0.374	2.93E-08
AC005858.1	NIFK	0.375	2.63E-08
AC005858.1	GLA	0.376	2.41E-08
AC005858.1	TGM3	0.377	2.09E-08
AC005858.1	MRPS30	0.379	1.82E-08
AC005858.1	DDX56	0.379	1.83E-08
AC005858.1	NOP58	0.379	1.84E-08
AC005858.1	TM4SF5	0.379	1.77E-08
AC005858.1	ATP6V0E1	0.38	1.70E-08
AC005858.1	METTL5	0.38	1.62E-08
AC005858.1	LAMTOR5	0.381	1.55E-08
AC005858.1	TXN	0.382	1.36E-08

AC005858.1	ZNF593	0.382	1.32E-08
AC005858.1	GTF3A	0.382	1.34E-08
AC005858.1	TAF10	0.382	1.38E-08
AC005858.1	MRAP2	0.383	1.19E-08
AC005858.1	SMIM20	0.383	1.20E-08
AC005858.1	UQCRQ	0.383	1.21E-08
AC005858.1	EMC7	0.383	1.21E-08
AC005858.1	LINC00694	0.383	1.20E-08
AC005858.1	HMOX2	0.383	1.20E-08
AC005858.1	CALCA	0.385	9.93E-09
AC005858.1	DRC1	0.386	9.40E-09
AC005858.1	RCN1	0.387	8.28E-09
AC005858.1	BOP1	0.387	8.63E-09
AC005858.1	SFXN4	0.388	7.40E-09
AC005858.1	COX6C	0.389	6.63E-09
AC005858.1	EXOSC4	0.391	5.68E-09
AC005858.1	SRPRB	0.392	5.12E-09
AC005858.1	TXNL1	0.392	5.34E-09
AC005858.1	NDUFB3	0.393	4.91E-09
AC005858.1	NSMCE2	0.394	4.29E-09
AC005858.1	MRPS12	0.395	3.83E-09
AC005858.1	PA2G4	0.396	3.57E-09
AC005858.1	HINT1	0.397	3.06E-09
AC005858.1	UQCRB	0.398	2.79E-09
AC005858.1	ELOC	0.398	2.78E-09
AC005858.1	BID	0.4	2.30E-09
AC005858.1	ATP6V0B	0.402	2.02E-09
AC005858.1	NDUFAF2	0.404	1.52E-09
AC005858.1	IMP4	0.405	1.44E-09
AC005858.1	NDUFB9	0.406	1.25E-09
AC005858.1	POMP	0.407	1.21E-09
AC005858.1	MRPL13	0.411	7.48E-10
AC005858.1	WDR45	0.412	7.02E-10
AC005858.1	C8orf76	0.416	4.49E-10
AC005858.1	GLRX	0.421	2.73E-10
AC005858.1	TKT	0.421	2.75E-10
AC005858.1	DCAF13	0.421	2.78E-10
AC005858.1	PPIA	0.422	2.45E-10
AC005858.1	PSMA1	0.425	1.80E-10
AC005858.1	EIF3M	0.427	1.38E-10
AC005858.1	IFITM3	0.427	1.35E-10
AC005858.1	PSMA5	0.431	8.55E-11
AC005858.1	PTRH2	0.432	7.96E-11
AC005858.1	NME1	0.435	5.98E-11

AC005858.1	TALDO1	0.435	5.76E-11
AC005858.1	HSPD1	0.436	5.21E-11
AC005858.1	SRM	0.438	4.05E-11
AC005858.1	MRPS5	0.442	2.72E-11
AC005858.1	FKBP11	0.446	1.62E-11
AC005858.1	HTATIP2	0.447	1.38E-11
AC005858.1	C20orf24	0.45	1.01E-11
AC005858.1	NOP16	0.456	4.95E-12
AC005858.1	HSPA4	0.485	1.24E-13
AC005858.1	HSPE1	0.491	5.76E-14
AC107398.3	CD81	-0.473	6.51E-13
AC107398.3	ECHDC2	-0.421	2.77E-10
AC107398.3	ACSM5	-0.419	3.38E-10
AC107398.3	HOMER2	-0.405	1.4E-09
AC107398.3	HAGH	-0.4	2.36E-09
AC107398.3	SYBU	-0.4	2.45E-09
AC107398.3	CYP4F2	-0.372	3.43E-08
AC107398.3	SLC10A1	-0.371	3.59E-08
AC107398.3	SLC1A1	-0.371	3.69E-08
AC107398.3	ABCB11	-0.369	4.36E-08
AC107398.3	FMO4	-0.369	4.36E-08
AC107398.3	IRF6	-0.368	4.7E-08
AC107398.3	SLC27A2	-0.367	5.12E-08
AC107398.3	AR	-0.364	7.12E-08
AC107398.3	SERPINC1	-0.363	7.54E-08
AC107398.3	SUCLG2	-0.362	8.13E-08
AC107398.3	HSD17B6	-0.361	9.35E-08
AC107398.3	STX1B	-0.359	1.06E-07
AC107398.3	CYP2C8	-0.355	1.55E-07
AC107398.3	SLC51A	-0.354	1.69E-07
AC107398.3	INSIG1	-0.354	1.69E-07
AC107398.3	CYB5A	-0.352	1.94E-07
AC107398.3	CYP3A4	-0.348	2.78E-07
AC107398.3	NECAB2	-0.348	2.71E-07
AC107398.3	SEPHS2	-0.346	3.29E-07
AC107398.3	APOC4	-0.345	3.71E-07
AC107398.3	DCAF6	-0.34	5.45E-07
AC107398.3	EMP2	-0.339	5.66E-07
AC107398.3	HNMT	-0.338	6.14E-07
AC107398.3	ACSM2A	-0.337	6.62E-07
AC107398.3	MASP2	-0.337	7E-07
AC107398.3	SLC2A2	-0.335	7.91E-07
AC107398.3	GLYAT	-0.333	9.72E-07
AC107398.3	ACSM2B	-0.333	9.54E-07

AC107398.3	ADH1C	-0.333	9.25E-07
AC107398.3	SPPL2A	-0.329	1.33E-06
AC107398.3	APOC1	-0.328	1.36E-06
AC107398.3	43161	-0.326	1.63E-06
AC107398.3	CYP4A22	-0.326	1.61E-06
AC107398.3	ASPDH	-0.325	1.77E-06
AC107398.3	AC009119.2	-0.325	1.8E-06
AC107398.3	BPHL	-0.325	1.81E-06
AC107398.3	CES5A	-0.322	2.15E-06
AC107398.3	ECM2	-0.321	2.41E-06
AC107398.3	SOD1	-0.321	2.45E-06
AC107398.3	CYP2A6	-0.32	2.58E-06
AC107398.3	CYP4A11	-0.32	2.56E-06
AC107398.3	ABCA6	-0.319	2.72E-06
AC107398.3	SLC27A5	-0.319	2.78E-06
AC107398.3	CES2	-0.318	2.92E-06
AC107398.3	FAM213A	-0.317	3.17E-06
AC107398.3	TTPA	-0.317	3.17E-06
AC107398.3	OSGIN1	-0.317	3.26E-06
AC107398.3	SERPING1	-0.316	3.56E-06
AC107398.3	C1S	-0.315	3.75E-06
AC107398.3	MYO1B	-0.315	3.67E-06
AC107398.3	FGGY	-0.315	3.83E-06
AC107398.3	GYS2	-0.313	4.3E-06
AC107398.3	HPD	-0.313	4.35E-06
AC107398.3	ALDH5A1	-0.313	4.36E-06
AC107398.3	HAO1	-0.313	4.24E-06
AC107398.3	CCL16	-0.312	4.63E-06
AC107398.3	NIT2	-0.312	4.83E-06
AC107398.3	DEPDC7	-0.312	4.91E-06
AC107398.3	DSG1	-0.311	5.09E-06
AC107398.3	ACAT1	-0.311	5.17E-06
AC107398.3	PEX19	-0.311	5.03E-06
AC107398.3	CES1	-0.31	5.33E-06
AC107398.3	ALDH2	-0.308	6.53E-06
AC107398.3	CPT2	-0.308	6.16E-06
AC107398.3	TAT	-0.307	6.77E-06
AC107398.3	COL18A1	-0.307	6.63E-06
AC107398.3	HPR	-0.307	6.85E-06
AC107398.3	MAT1A	-0.307	6.97E-06
AC107398.3	PCCB	-0.306	7.33E-06
AC107398.3	FAH	-0.305	7.93E-06
AC107398.3	CAT	-0.304	8.52E-06
AC107398.3	MGAT4B	-0.304	8.41E-06

AC107398.3	HMGCL	-0.304	8.7E-06
AC107398.3	ETFA	-0.304	8.6E-06
AC107398.3	PIPOX	-0.303	9.4E-06
AC107398.3	CYP8B1	-0.303	8.9E-06
AC107398.3	EFCAB1	-0.301	1.05E-05
AC107398.3	AQP9	-0.301	1.03E-05
AC107398.3	CFHR4	-0.301	1.04E-05
AC107398.3	LIMK1	0.301	1.02E-05
AC107398.3	PGM2L1	0.302	9.83E-06
AC107398.3	SH3BP1	0.302	9.55E-06
AC107398.3	ATP6V1B1	0.303	9.14E-06
AC107398.3	SSTR3	0.306	7.4E-06
AC107398.3	MAMSTR	0.306	7.48E-06
AC107398.3	GUCY2C	0.306	7.13E-06
AC107398.3	CDC25A	0.307	6.72E-06
AC107398.3	ITGAE	0.309	5.81E-06
AC107398.3	PRMT1	0.309	5.93E-06
AC107398.3	SH3TC1	0.309	5.73E-06
AC107398.3	TFF1	0.31	5.48E-06
AC107398.3	PCDHA6	0.313	4.23E-06
AC107398.3	COMMD8	0.313	4.44E-06
AC107398.3	CNOT3	0.314	4.2E-06
AC107398.3	FER1L5	0.314	4.11E-06
AC107398.3	SPATS2	0.318	2.98E-06
AC107398.3	NDRG3	0.319	2.7E-06
AC107398.3	CA9	0.321	2.49E-06
AC107398.3	LYAR	0.321	2.46E-06
AC107398.3	SERPINI1	0.321	2.39E-06
AC107398.3	PAK4	0.322	2.21E-06
AC107398.3	ZNF488	0.322	2.19E-06
AC107398.3	FGF9	0.325	1.84E-06
AC107398.3	LRRN1	0.331	1.14E-06
AC107398.3	ARID3A	0.333	9.3E-07
AC107398.3	FIZ1	0.333	9.29E-07
AC107398.3	DFNA5	0.333	9.31E-07
AC107398.3	TXLNB	0.338	6.43E-07
AC107398.3	AGR2	0.338	6.32E-07
AC107398.3	HMGA2	0.344	3.87E-07
AC107398.3	SMARCD1	0.353	1.85E-07
AC107398.3	CDX2	0.366	5.65E-08
AC107398.3	SOX2	0.368	4.81E-08

LncRNA, long non-coding RNA; RFS, recurrence-free survival; HCC, hepatocellular carcinoma.