

Table S8. List of candidate survival-associated genes developed by method B from primary GBM data in UCSF-1.

Gene Symbol	Score	Gene Symbol	Score	Gene Symbol	Score	Gene Symbol	Score
CBX7	0.02	EPHB4	0.03	PTOV1	0.04	NCBP1	0.01
HCK	0.04	PECAM1	0.05	CHD8	0.2	RRM2	0.02
IGF1R	0.02	ERF	0.02	NID1	0.03	ICMT	0.02
IRAK1	0.02	RRAS	0.03	CHPF	0.01	CNN3	0.02
JUN	0.01	GRIN1	0	VDP	0.03	IFNAR1	0
PLCG1	0.03	CDK2	0	YKT6	0	BMP4	0
ROBO1	0.01	GSPT1	0.03	RGS16	0.05	ACTB	0.04
CCND2	0.02	SHH	0.05	RPS6KA5	0	CEBPG	0
MDM2	0.02	ATP1A3	0.05	GRAP2	0.2	IL13RA2	0
NDEL1	0.04	GDI1	0.01	ITGB2	0.01	NFKB2	0.01
CREBBP	0.05	VAMP2	0	SH3BP2	0	GLG1	0.04
STAT1	0.02	KIAA1128	0	SYK	0.05	UPF2	0
ACTA1	0.03	NFKBIE	0	EPB41L3	0.01	GPRASP1	0.04
VIM	0.02	SH3GL3	0.02	CR2	0.01	DOCK3	0
AR	0.02	CDC25B	0.05	LAMA4	0	ATP4B	0.02
EP300	0.02	IFRD1	0.04	S100A4	0.04	MAPK10	0.04
UBE2I	0.02	CHGB	0	CHEK1	0.03	MAP2K4	0
CAV2	0	NFE2	0.02	FASN	0	ZFYVE16	0
IL13	0.05	SCNN1G	0.05	RPL31	0.05	SAT	0.03
IRS1	0.04	HSPA4	0	SLC1A1	0.04	EIF2S2	0.02
NTRK1	0	SH3GL2	0.01	ZNF165	0.05	CAPZB	0.04
PIK3R1	0.04	CTDP1	0.02	MTMR9	0	RPA2	0.02
MAPK8	0.05	CUTL2	0	ZAP70	0.03	TK1	0.02
COL5A2	0	KIF5A	0.05	SMAD9	0.04	YLPM1	0
ATXN1	0	TP53BP2	0.01	TNNT1	0.05	CYCS	0.04
RAPGEF4	0.01	NCOA2	0	GRIA1	0	ITGA4	0.04
SPEN	0	GRM3	0.01	NUMA1	0	CKS2	0.03
TMEM23	0.04	FOSL2	0.05	GJA7	0	SPTAN1	0
BCR	0.01	CTCF	0.01	TAF13	0.04	GRIA2	0
ALOX12	0	FLNA	0.01	BUB1	0.04	PRKCB1	0.02
YES1	0.03	TRAF2	0.02	CDC20	0.04	FOXO1A	0
NRP1	0.01	FCER1G	0.01	ACTC	0.01	MYCBP2	0
NGFR	0.05	TIAM1	0.02	ZNF42	0	NEFL	0.05
JAK2	0.01	CHP	0.03	RHOQ	0.02	DAG1	0.04
ARHGDI1	0.03	MAPK8IP2	0.01	CALD1	0.02		