

Identification of Survival Genes in Human Glioblastoma Cells Using siRNA Screening

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Molecular Pharmacology

Supplementary Table S9

Functional classification of survival genes.

Cellular Function	Genes
Dermatological Diseases and Conditions	POLR2A,PSMA1,PSMA2,PSMA3,PSMA5, PSMC3, PSMC5,GPX2,TLR2,PRKCD,ITGB3
Infectious Disease	POLR2A,PSMA1,PSMA2,PSMA3,PSMA5, PSMC3, PSMC5,GRIN1,ITGB3,RRM1
Embryonic Development	POLR2A,PSMA1,PSMA2,PSMA3,PSMA5, PSMC3, PSMC5,POMT1,TLR2,RRM1
Cellular Compromise	POLR2A,PSMA1,PSMA2,PSMA3,PSMA5, PSMC3, PSMC5,CLCN3,PRKCD,ITGB3
Cell-To-Cell Signaling and Interaction	CHN1,ITGB3,PRKCD,TL2,GRIN1
Cellular Function and Maintenance	CHN1,ITGB3,PRKCD,TLR2,GRIN1
Inflammatory Response	CHN1,ITGB3,PRKCD,TLR2,SLC7A2
Nervous System Development and Function	GRIN1,ITGB3,CLCN3,GALNS,TLR2,GALNS, CHN1
Cell Morphology	TLR2,ITGB3,PRKCD,ARHGEF11,CHN1, GALNS, AKT3
Gastrointestinal Disease	ITGB3,TLR2,AKT3,BUB1B,DDX39,GPX2, PSMB14,RRM1,PRKCD,SPINK1,RRM1, GUSB, KIF20B
Cancer	AKT3,GRIN1,ITGB3,RRM1,PSMA2,BUB1B, CLCN3,POLR2A,DDX39,GPX2,PSMD14, CYP1B1,KIF20B,PRKCD,SMS,PSMA6, RAN, ARHGEF11,CHN1,TLR2