

Integrated microRNA analysis identifies miR-512-3p as a potential biomarker of poor outcome in pediatric medulloblastoma

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SUPPLEMENTAL TABLE 2. Enrichment of biological pathways by using Diana-miRPath for miR-512-3p.

miR-512-3p								
Signaling Pathways	Adherens Junction	Proteoglycans in cancer	Signaling pathways regulating pluripotency of stem cells	Hippo signaling pathway	Glioma	Prolactin signaling pathway	Wnt signaling pathway	Pathways in cancer
Target genes		SMAD2						SMAD2
								FGF13
		PTCH1 ♦, ●	TCF3					PTCH1 ♦, ●
	SMAD2	PIK3R5	SMAD2	SMAD2			ROCK2	PIK3R5
	TCF7L1	ROCK2	SMAD9 ♦, +, ●	TCF7L1	PIK3R5	PIK3R5	TCF7L1	ROCK2
	CSNK2A1	WNT2B	PIK3R5	WNT2B	SOS1	SOS1	WNT2B	TCF7L1
	SSX2IP ♦, +, ●	ERBB3	WNT2B	FZD3	SHC4	SHC4	CUL1	WNT2B
		FZD3	FZD3	DLG2	MAPK1	MAPK1	FZD3	F2RL3
	LEF1	ANK2	PCGF5	LEF1		IRF1	NFATC4	FZD3
	MAPK1	SOS1	MAPK1	LATS2		MAPK10 ♦, +, ●	CSNK2A1	EDNRB
	TGFBR2	DDX5	JAK1	TGFBR2			LEF1	SOS1
		SDC4	BMPR2 ♦, +	BMPR2 ♦, +			NFATC3	LEF1
		MAPK1					MAPK10 ♦, +, ●	MAPK1
		ERBB4						TGFBR2
		CD44						JAK1
								CCDC6 ♦, +
								MAPK10 ♦, +, ●

Legend: ♦: Overall Survival; +: Death; ●: Metastasis.