

Supplemental Table S1. Pathways Predicted to be Altered by miR-24 and miR-24-2*

Targets

miR-24-2*	miR-24
RAC1 signaling pathway	Regulation of RhoA activity
IL4-mediated signaling events	IL2-mediated signaling events
ErbB1 downstream signaling	Signaling events mediated by TCPTP
Lissencephaly gene (LIS1) in neuronal migration and development	IL2-mediated signaling events mediated by STAT5
RhoA signaling pathway	Nectin adhesion pathway
Regulation of RhoA activity	PDGF-beta signaling pathway
Canonical Wnt signaling pathway	EPO signaling pathway
Calcineurin-regulated NFAT-dependent transcription lymphocytes	GMCSF-mediated signaling events
Cellular roles of Anthrax toxin	IL12-mediated signaling events
Calcium signaling in the CD4+ TCR pathway	Regulation of RAC1 activity
Regulation of Telomerase	Direct p53 effectors
IL6-mediated signaling events	TRK receptor signaling mediated by the MAPK pathway
Glucocorticoid receptor regulatory network	IL27-mediated signaling events
IL2 signaling events mediated by PI3K	IL3-mediated signaling events
Class PI3K signaling events	Signaling events HDAC Class I
Insulin-mediated glucose transport	IL6-mediated signaling events
Regulation of cytoplasmic and nuclear SMAD2/3 signaling	IL23-mediated signaling events
Ceramide signaling pathway	FAS (CD95) signaling pathway
VEGFR1 specific signals	PDGF receptor signaling network
Caspase cascade in apoptosis	CXCR4-mediated signaling events

Pathway analysis obtained from National Cancer Institute [42]