Supplemental Table S3: *In silico* analysis of miR-339-3p targets

Physiological effect	Predicted targets for miR-339-3p (miRanda/TargetScan)
Apoptosis	AKT1 substrate 1, CASP8 and FADD-like apoptosis regulator, DnaJ homolog, GLI family zinc finger 3, TNF receptor-associated factor 3, alpha 1A voltage dependent calcium channel, cardiotrophin-like cytokine factor 1, glutamate receptor, homeodomain interacting protein kinase 2, inositol hexabisphosphate kinase 2, insulin-like growth factor 1 receptor, lymphotoxin beta, **myeloid cell leukemia sequence 1 (MCL1)**, nuclear receptor subfamily 3, nucleolar protein 3, Pim-2 proto-oncogene, protein kinase C, retinoid X receptor alpha, telomerase reverse transcriptase, tubulin beta
Proliferation	SRY (sex determining region Y), aristaless related homeobox, epithelial membrane protein 2, low density lipoprotein receptor-related protein associated protein 1, neurofibromin 2 (merlin), Pim-2 proto-oncogene, retinoid X receptor alpha, scavenger receptor class B, similar to mitogen-activated protein kinase phosphatase x, solute carrier family 11, taxilin alpha
Motility (Cytoskeleton)	CDC42 binding protein kinase alpha, DnaJ homolog, NCK adaptor protein 2, rootletin, cytohesin 2, growth arrest-specific 7, microtubule-associated protein tau, neurofibromin 2 (merlin), NudE nuclear distribution gene E homolog 1, tubulin polymerization promoting protein, tubulin beta

Target prediction analysis for miR-339-3p based on two different prediction websites, miRanda and TargetScan. Displayed are predicted targets shared by both algorithms. Putative targets were assigned to three functional categories by DAVID analysis: apoptosis, proliferation and effects on cell motility (cytoskeleton).