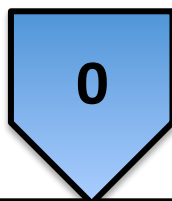


A

*siRNA
silencing*



*Treatment
with Stimulus*



*Assessment
of Activity*

B

Homeostasis Pathway	Specific Stimulus	Reporter	Assay Type
<i>Wnt Mediated Signaling</i>	Wnt Proteins	Beta-catenin	Phospho-WB/ELISA
		TCF/LEF Promoter	Luciferase Assay
<i>Epithelial to Mesenchymal Transition Signalling</i>	TGF- β , Wnt3a	E-cadherin, vimentin, fibronectin	WB/ELISA
		Cell Migration	Cellular Migration Assay
<i>Hypoxia Signaling</i>	Low Oxygen	HIF-1 Alpha	WB/ELISA
<i>Sonic the Hedgehog Signalling</i>	SHH protein	VEGF	WB/ELISA
<i>mTOR Signaling</i>	Glucose, Insulin, Leucine, TNF α , Wnts	mTOR	Phospho-WB/ELISA