

S3 Table. Key signaling pathways associated with Wnt3a targets

Enriched pathways associated with up-regulated genes		
Pathway	No. of genes	FDR
<i>MAPK signaling pathway</i>	17	1.66E-04
<i>Hippo signaling pathway</i>	15	9.43E-06
<i>Cytokine-cytokine receptor interaction</i>	15	2.15E-03
<i>Wnt signaling pathway</i>	14	1.98E-05
<i>TGF-beta signaling pathway</i>	9	7.47E-04
<i>p53 signaling pathway</i>	6	2.80E-02
<i>integrin signaling</i>	5	1.47E-02
<i>Signaling by BMP</i>	4	2.03E-02

Enriched pathways associated with down-regulated genes		
Pathway	No. of genes	FDR
<i>Cytokine Signaling in Immune system</i>	34	4.44E-02
<i>PI3K-Akt signaling pathway</i>	24	8.39E-04
<i>Rap1 signaling pathway</i>	15	1.63E-02
<i>Integrin signalling pathway</i>	13	1.71E-02
<i>Toll-like receptor signaling pathway</i>	10	1.61E-02
<i>Interferon gamma signaling</i>	9	2.67E-02
<i>EphrinA-EPHA pathway</i>	4	2.17E-03