

Supplementary Table 1: List of Antibodies.

- Polyclonal rabbit anti-AKT antibody (Cell Signaling Technology Cat# 9272, RRID:AB_329827)
- Monoclonal rabbit anti-phosphorylated AKT (Ser473) antibody (Cell Signaling Technology Cat# 4060, RRID:AB_2315049)
- Monoclonal mouse anti-ERK1/2 (p44/42) antibody (Cell Signaling Technology Cat# 4696, RRID:AB_390780)
- Monoclonal rabbit anti-phosphorylated p44:42 MAPK (ERK1/2) (Thr202/Tyr204) antibody (Cell Signaling Technology Cat# 4376, RRID:AB_331772)
- Monoclonal mouse anti-GAPDH (p44/42) antibody (Sigma Cat# G8795, RRID: AB_1078991)
- Monoclonal rabbit anti-KIT antibody (DB Biotech Cat# DB 062, RRID:AB_2315699)
- Monoclonal rabbit anti-phosphorylated KIT (Tyr703) antibody (Cell Signaling Technology Cat# 3073, RRID:AB_1147635)
- Polyclonal rabbit anti-LIX1 antibody (Aviva Systems Biology Cat# ARP53147_P050, RRID:AB_2045922)
- Monoclonal rabbit anti-TAZ antibody (Cell Signaling Technology Cat# 72804, RRID:AB_2904134)
- Monoclonal rabbit anti-YAP1 antibody (Cell Signaling Technology Cat# 14074, RRID: AB_2650491)

Supplementary Table 2: Human gene-specific primers used for RT-qPCR.

Target	Forward primer (5'-3')	Reverse primer (5'-3')	Amplicon (bp)
<i>HMBS</i>	GGC AAT GCG GCT GCA A	GGG TAC CCA CGC GAA TCA C	64
<i>LIX1</i>	CTG CAG TGA CCC TGA CAC TT	AAT CTG GCC TCT GCC ATC AC	118
<i>SPROUTY2</i>	ATG GCA TAA TCC GGG TGC AA	ACT TGC CAC AGT CCT CAC AC	92
<i>SPROUTY4</i>	CCT TCA TGG GTG CTC TCT CC	GCT TTG CAG ATG ACG CTG TT	148
<i>YWHAZ</i>	ACT TTT GGT ACA TTG TGG CTT CAA	CCG CCA GGA CAA ACC AGT AT	94