

Supplementary Figure 1: The H295A human ACC cell line is Notch responsive. Immunoblot analysis of protein lysate from H295A cells treated with 2.5 and 5mM EDTA or vehicle (PBS) for 4h. Blots were probe for NICD and β -actin, used as loading control.

Supplementary Figure 2: Jag1 knockdown or inhibition of Notch-dependent transcription in Y1 cells reduces proliferation but has no effect on apoptosis. *A*, Immunoblot analysis of protein lysates from stable cell lines expressing shRNAs for either Scramble or Jag1 [Scramble (GFP+) and Jag1KD (GFP+) respectively]. Blots were probed for Jag1, Proliferating Cell Nuclear Antigen (PCNA) and β -actin, used as loading control. *B*, Immunoblot analysis of protein lysates from stable cell lines expressing either Control (GFP+) or DN Maml (GFP+) constructs. Blots were probed for PCNA, Cleaved-Caspase-6 (Clv-Casp-6) and β -actin, used as loading control.

Supplementary Figure 3: A model of Jag1-Notch signaling occurring in co-culture experiments. A visual representation of the types of signaling occurring between normal Y1 (Red+) and Scramble/Jag1KD (GFP+) cells in the two co-culture conditions. Jag1KD cells (Right panel) are able to receive Notch inputs (90/10) but not send them (10/90). Red+ and Scramble cells (Left panel) are both able to signal through Jag1 and receive signals from Jag1.