

Table SI. Sequences of primers used for reverse transcription-quantitative PCR.

Gene	NCBI reference sequence	Sequence (5'→3')	Product size (bp)
PCNA	NM_022381.3	F: ATCTAGACGTCGCAACTCCG R: GCTGCACTAAGGAGACGTGA	173
Notch-3	NM_020087.2	F: GGCAGGTGATGGCCTAAGTT R: AAGGAAGTGGAAGCCGGAAG	276
Jagged-1	NM_019147.1	F: CAGCAGAAAGTCCGGTTTGC R: CGGGGTGCCCTCAAACCTCTA	208
Hes-5	NM_024383.1	F: TACAGCGAGGGTTACTCGTG R: GCAGATTGGCGCGAGGT	215
GAPDH	NM_017008.4	F: CAGCCCCAGAGTGTGTATCC R: GAAGATGCGGTCACCTCACA	142

PCNA, proliferating cell nuclear antigen; Hes-5, hes family bHLH transcription factor 5; F, forward; R, reverse.

Table SII. Primary antibodies used for western blotting.

Protein	Cat. no.	MW (kDa)	Source/subtype	Dilution	Supplier details
PCNA	13110	36	Rabbit IgG	1:400 (WB) 1:200 (IHC)	Cell Signaling Technology, Inc.
GAPDH	5174S	37	Rabbit mAb	1:100 (WB)	Cell Signaling Technology, Inc.
Jagged-1	70109S	180	Rabbit mAb	1:400 (WB)	Cell Signaling Technology, Inc.
Hes-5	PA5-23498	18	Polyclonal Rabbit IgG antibody	1:200 (WB)	Thermo Fisher Scientific, Inc.
α -smooth muscle actin	68463	42	Rabbit mAb	1:200 (IHC)	Cell Signaling Technology, Inc.
Notch-3	5276S	90	Rabbit mAb	1:400 (WB)	Cell Signaling Technology, Inc.

PCNA, proliferating cell nuclear antigen; Hes-5, hes family bHLH transcription factor 5; MW, molecular weight; mAb, monoclonal antibody; WB, western blotting; IHC, immunohistochemistry.