

Supplemental Table 1 Primers used for qRT-PCR

Primer name	Primer sequence: 5'-3'
Forward Smad4	AGGATCAGTAGGTGGAATAG
Reverse Smad4	TCTAAAGGTTGTGGGTCTGC
Forward TGF- β	ATGTTGAGACCTTCAACACC
Reverse TGF- β	AGGTAGTCAGTCAGGTCCCGGCC
Forward β -actin	ATGTTGAGACCTTCAACACC
Reverse β -actin	AGGTAGTCAGTCAGGTCCCGGCC
Forward miR-34a	CCTCCTGCATCCTTTCTTT
Reverse miR-34a	CCTGTGCCTTTTTCCTTCC
Forward U6	CTCGCTTCGGCAGCACA
Reverse U6	AACGCTTCACGAATTGCGT

Supplemental Table 2 Antibodies used for Western blot

Name of antibody	Manufacturer	Species	Dilution
Smad4	sc-7966 (Santa Cruz Biotechnology, United States)	Mouse	1:500
TGF- β	sc-59778 (Santa Cruz Biotechnology, United States)	Mouse	1:500
MAPLC3 β	sc-28266 (Santa Cruz Biotechnology, United States)	Rabbit	1:500
BECN 1	sc-11427 (Santa Cruz Biotechnology, United States)	Rabbit	1:500
β -actin	sc-69879 (Santa Cruz Biotechnology, United States)	Mouse	1:1000