

**Supplementary Table S1.** Primer sequence of mouse used in the paper.

Collagen I-F	5'-TAAGGGTCCCCAATGGTGAGA-3'
Collagen I-R	5'-GGGTCCCTCGACTCCTACAT-3'
$\beta$ -ACTIN-F	5'-GAGATTACTGCTCTGGCTCCTAG-3'
$\beta$ -ACTIN-R	5'-CTCATCGTACTCCTGCTGCT-3'
ACTA2 ( $\alpha$ -SMA)-F	5'-CCTGAAGAGCATCCGACACTG-3'
ACTA2 ( $\alpha$ -SMA)-R	5'-TCCAGAGTCCAGCACAAATCCA-3'