

Supplementary Table S1. Primers for Q-PCR analysis.

Gene	Forward	Reverse
<i>β-Actin</i>	CTATTGGCAACGAGCGGT	GGTCTTTACGGATGTCAACG
<i>Col1A1</i>	AGCAGACGGGAGTTTCTCCTC	GACATGTAGACTCTTTGCGGC
<i>Cxcl2</i>	GCGGTCAAAAAGTTTGCCTTG	CAGGTACGATCCAGGCTTCC
<i>Fn1</i>	ATGTGGACCCCTCCTGATAGT	GCCCAGTGATTTTCAGCAAAGG
<i>Myh11</i>	CTCCCAACCTTTCCCTGACC	AGTGTGATTGCTCTGCTCCG
<i>Acta2</i>	GTTTTGTGGATCAGCGCCTC	TTCCTGACCACTAGAGGGGG
<i>Myl9</i>	GCGCCGAGGACTTTTCTTCT	TCTTGGCCTTGGCTCTCTTG
<i>Cnn1</i>	GCAGTGGACACACGCATTTT	AACAACCTGGCCCCAAGACTC
<i>Ramp1</i>	GAGACTATTGGGAAGACGCTATG	CTCCTCCAGACCACCAGTG
<i>TNF-α</i>	CCCTCACACTCAGATCATCTTCT	GCTACGACGTGGGCTACAG
<i>TNFAIP3</i>	GAACAGCGATCAGGCCAGG	GGACAGTTGGGTGTCTCACATT
<i>TNFSF10</i>	ATGGTGATTTGCATAGTGCTCC	GCAAGCAGGGTCTGTTCAAGA
<i>TNFSF9</i>	CGGCGCTCCTCAGAGATAC	ATCCCGAACATTAACCGCAGG
<i>TNFRSF1A</i>	CCGGGAGAAGAGGGATAGCTT	TCGGACAGTCACTACCAAGT
<i>IL-1β</i>	GCAACTGTTCCCTGAACTCAACT	ATCTTTTGGGGTCCGTCAACT
<i>IL-6</i>	TAGTCCTTCCTACCCCAATTTCC	TTGGTCCTTAGCCACTCCTTC
<i>IL-10</i>	GCTCTTACTGACTGGCATGAG	CGCAGCTCTAGGAGCATGTG
<i>MCP-1</i>	TTAAAAACCTGGATCGGAACCAA	GCATTAGCTTCAGATTTACGGGT
<i>MMP9</i>	CTGGACAGCCAGACACTAAAG	CTCGCGGCAAGTCTTCAGAG
<i>MMP2</i>	CAAGTTCCCCGGCGATGTC	TTCTGGTCAAGGTCACCTGTC
<i>ADAMTS</i>	CATAACAATGCTGCTATGTGCG	TGTCCGGCTGCAACTTCAG

Supplementary Table S2. Antibodies for western blot.

Antibody	Vendor name	Catalog number	Dilution
β -Actin	Proteintech	81115-1-RR	1:5000
MYH11	Abcam	ab124679	1:1000
ACTA2	Cell signalling	19245	1:1000
CNN1	Proteintech	26689-1-AP	1:1000
TNF- α	Proteintech	60291-1-AP	1:1000
IL-1 β	Proteintech	26048-1-AP	1:1000
IL-6	Abcam	ab259341	1:1000