

## Supplementary material

**Table S1.** Primer sequences used in this study.

Gene name	F/R	Sequences 5'-3'
$\beta$ -actin	F	TGCTATGTTGCCCTAGACTTCG
	R	GTTGGCATAGAGGTCTTTACGG
p16	F	GAGGACCCCACCACCCTCTC
	R	ATACCGCAAATACCGCACGA
p21	F	AGCAGTTGAGCCGCGATTG
	R	ACCCAGGGCTCAGGTAGATCTTG
TNF $\alpha$	F	TCCAGAACTCCAGGCGGT
	R	TTGGTGGTTTGCTACGAC
IL-6	F	AAATCTGCTCTGGTCTTC
	R	AGGGTTTCAGTATTGCTC
MMP3	F	CATGAACTTGGCCACTCCCT
	R	TGGGTACCACGAGGACATCA
ADAMTS5	F	ACAAGAGTCTGGAGGTGAGCAAG
	R	ACATATGGTCCCAACGTCTGC
iNOS	F	CAGGCTGGAAGCCGTAACAA
	R	CGATGCACAACCTGGGTGAAC
COX2	F	GTTCCAACCCATGTCAAAACCGT
	R	GGCCCTGGTGTAGTAGGAGAGGT