

**Table S1.** Sequences of primers used in reverse transcription-quantitative PCR.

Gene	Forward primer (5'-3')	Reverse primer (5'-3')
P16	ATGGAGCCTTCGGCTGACT	GTA ACTATTCGGTGC GTTGGG
P21	CGATGGA ACTTCGACTTTGTCA	GCACAAGGGTACAAGACAGTG
IL6	ACTCACCTCTTCAGAACGAATTG	CCATCTTTGGAAGGTT CAGGTTG
IL8	ACTGAGAGTGATTGAGAGTGGAC	ACCCTCTGCACCCAGTTTTTC
MMP12	GATCCAAAGGCCGTAATGTTCC	TGAATGCCACGTATGTCATCAG
GAPDH	CTGGGCTACACTGAGCACC	AAGTGGTCGTTGAGGGCAATG
Caspase3	GGTGCTATTGTGAGGCGGTTG	AGAGTCCATTGATT CGCTTCCA
Caspase7	CGGTCCTCGTTTTGTACCGTC	CGCCCATACTGTCACTTTATCA
Caspase9	GGCTGTCTACGGCACAGATGGA	CTGGCTCGGGGTTACTGCCAG
CCND1	CAATGACCCCGCACGATTTTC	CATGGAGGGCGGATTGGAA
GS3KB	AGACGCTCCCTGTGATTTATGT	CCGATGGCAGATTCCAAAGG
JAK2	AGCCTATCGGCATGGAATATC	TAACACTGCCATCCCAAGACA
NF-κB	GGTGCGGCTCATGTTTACAG	GATGGCGTCTGATACCACGG
PIK3CA	AGTAGGCAACCGTGAAGAAAAG	GAGGTGAATTGAGGTCCCTAAGA
PTK2	AGTGGACCAGGAAATTGCTTTG	GTGTTTTGGCCTTGACAGAATC
TLR4	AGTTGATCTACCAAGCCTTGAGT	GCTGGTTGTCCCAAATCACTTT

MMP12, matrix metalloproteinase 12; CCND1, Cyclin D1; GSK3B, glycogen synthase kinase-3β; JAK2, Janus kinase 2; PIK3CA, phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit α; PTK2, protein tyrosine kinase 2; TLR4, toll-like receptor 4.