

**Table S1.** List of gene-specific primer sequences used in this study

Target		Primer sequence
Actb(Rat)	Forward	5'-TGTCACCAACTGGGACGATA-3'
	Reverse	5'-GGGGTGTGAAGGTCTCAA-3'
MMP9(Rat)	Forward	5'-CCTGGAACACACGACATCTT-3'
	Reverse	5'-GAGTGGGGATGCTGATCTT-3'
MMP2(Rat)	Forward	5'-GATACCCTTTGACGGTAAGGA-3'
	Reverse	5'-CAGTGGACATAGGGCAGCAA-3'
Cyclin D1(Rat)	Forward	5'-GCTGTGCATCTACACCGACA-3'
	Reverse	5'-AGGTCCACTTGAGCTTGTTCAC-3'
PCNA(Rat)	Forward	5'-GTTCCCTGGAGTGTTCGCA-3'
	Reverse	5'-GCGTTTGGATGACGTGTGTC-3'
SM22 $\alpha$ (Rat)	Forward	5'-CCTGGAGAAGAGGAGCCAGA-3'
	Reverse	5'-AGTCCAGGAAGGTCCCAATC-3'
$\alpha$ -SMA(Rat)	Forward	5'-GTCCCAGACATCAGGGAGTAA-3'
	Reverse	5'-TCGGATACTCAGCGTCAGGA-3'