

gene name	forward sequence	reverse sequence
p21 (human)	GACACCACTGGAGGGTGA CT	CAGGTCCACATGGTCTTCC T
p16 (human)	CCAACGCACCGAATAGTT ACG	GCGCTGCCCATCATCATG
cxcl1 (human)	GAAAGCTTGCCTCAATCCT G	CACCAGTGAGCTTCCTCCT C
cxcl2 (human)	AACTGCGCTGCCAGTGCT	CCCATTCTTGAGTGTGGCT A
IL-6 (human)	CCGGGAACGAAAGAGAAG CT	GCGCTTGTTGGAGAAGGAG TT
IL-8 (human)	CTTTCCACCCCAAATTTAT CAAAG	CAGACAGAGCTCTCTTCC ATCAGA
MMP-2 (human)	CCCACTGCGGTTTTCTCGA AT	CAAAGGGGTATCCATCGC CAT
MMP-9 (human)	GCCACTACTGTGCCTTTGA GTC	CCCTCAGAGAATCGCCAG TACT
MMP-3 (human)	ACTCACAGACCTGACTCG GTT	AAGCAGGATCACAGTTGG CTGG
MMP-12 (human)	GATGCTGTCACTACCGTG GGAA	CAATGCCAGATGGCAAGG TTGG
TIMP1 (human)	GGAGAGTGTCTGCGGATA CTTC	GCAGGTAGTGATGTGCAA GAGTC
IL-1 $\alpha$ (human)	TGTATGTGACTGCCCAAG ATGAAG	AGAGGAGGTTGGTCTCAC TACC
cyclinD1 (human)	TCTACACCGACAACCTCCAT CCG	TCTGGCATTTTGGAGAGG AAGTG
cyclinE (human)	TGTGTCCTGGATGTTGACT GCC	CTCTATGTCGCACCACTGA TACC
18sRNA (human)	GCTTAATTTGACTCAACAC GGGA	AGCTATCAATCTGTCAATC CTGTC
DBC1 (human)	ATGTCCCAGTTTAAGCGCC AG	CCCAAAGTAGTCATGCAA GCTG
BLM (human)	CAGACTCCGAAGGAAGTT GTATG	TTTGGGGTGGTGTAACAA ATGAT
HPRT (human)	CCTGGCGTCGTGATTAGTG AT	AGACG TTCAGTCCTGTCCA TAA
<i>Gapdh</i> (mouse)	GGAGAGTGTTTCCTCGTCC C	ACTGTGCCGTTGAATTTGC C
<i>Colla1</i> (mouse )	GCTCCTCTTAGGGGCCACT	ATTGGGGACCCTTAGGCC AT
<i>Col2A1</i> (mouse)	TGGTGCTCGGGGTAACGA T	GGCTCCAGGAATACCATC AGT

<i>Ctgf</i> (mouse)	GCGCCTGTTCTAAGACCTG T	TTCATGATCTCGCCATCGG G
<i>Mmp2</i> (mouse)	ACCTGAACACTTTCTATGG CTG	CTTCCGCATGGTCTCGATG
<i>Mmp9</i> (mouse)	GCAGAGGCATACTTGTAC CG	TGATGTTATGATGGTCCCA CTTG
<i>Fn1</i> (mouse)	AGGAAGCCGAGGTTTTAA CTG	AGGACGCTCATAAGTGTC ACC
<i>Tgf-<math>\beta</math></i> (mouse)	TCAGACATTCGGAAGCA GT	ACGCCAGGAATTGTTGCT AT
<i>ANF</i> (mouse)	GTGCGGTGTCCAACACAG AT	TCCAATCCTGTCAATCCTA CCC
<i>MHC</i> (mouse)	CCTGCGGAAGTCTGAGAA GG	CTCGGGACACGATCTTGG C
<i>Colla2</i> (mouse)	CTGGTCCTGTTGGAAGTCG T	CAGATGCACCTGTTTCTCC A
<i>PPIA</i> (mouse)	GAGCTGTTTGCAGACAAA GTTC	CCCTGGCACATGAATCCT GG
<i>actin</i> (mouse)	GTGACGTTGACATCCGTA AAGA	GCCGGACTCATCGTACTCC
<i>Collagen I</i> (mouse)	ACCTTACCAGACTGAGAC TCC	TTTGGCTCATTCGATCCTG ATACCC

**Supplementary Table S2.** The list for the primer sequences used in RT-PCR.