

## Supplementary Data

SUPPLEMENTARY TABLE S1. NAMES, SYMBOLS, AND PRIMER SEQUENCES OF SELECTED GENES FOR qRT-PCR ANALYSIS

<i>Gene name</i>	<i>Gene symbol</i>	<i>Primer sequence</i>
Collagen type I A1	COL1A1	5'-AGCCAGCAAGATCGAGAACAT-3' 5'-CGTCTCCATGTTGCAGAAGA-3'
Collagen type II A1	COL2A1	5'-GGCAATAGCAGGTTACGTACA-3' 5'-CGATAACAGTCTTGCCCCACTT-3'
Aggrecan	ACAN	5'-AAGACAGGGTCTCGCTGCCCAA-3' 5'-ATGCCGTGCATCACCTCGCA-3'
Matrix metalloproteinase-3	MMP-3	5'-TTTTGGCCATCTCTTCCTTCA-3' 5'-TGTGGATGCCTCTTGGGTATC-3'
Matrix metalloproteinase-13	MMP-13	5'-CAAGGGATCCAGTCTCTCTATGGT-3' 5'-GGATAAGGAAGGGTCACATTTGTC-3'
Matrix metalloproteinase-14	MMP-14	5'-GGACTGTCCGGAATGAGGATCT-3' 5'-TTGGAATGCTCAAGGCCCA-3'
Hypoxanthine-guanine-phosphoribosyltransferase 1	HPRT-1	5'-TGGACAGGACTGAACGGCTTGC-3' 5'-GCAGGTCAGCAAAGAATTTATAGCCCC-3'
Signal recognition particle 14kDa	SRP-14	5'-TGCTGGAGAGCGAGCAGTTCCT-3' 5'-AGCCCTCCACGGAACCTTTCCT-3'

For each primer pair, the top sequence denotes the forward primer and the bottom sequence the reverse.  
qRT-PCR, quantitative reverse transcription-polymerase chain reaction.