

Supplemental Table.1

Gene primers

Genes	Forward primer	Reverse primer
<i>Mgp</i> (rat)	CAGCAGAGGTGGCGAGCTAA	ATGGCGTAGCGCTCACACAG
<i>Ank</i> (rat)	CTTCGTCTGCATGGCACTGTC	TTCTGCAAAGGCGAAGTCCAC
<i>Npp1</i> (rat)	AGGGCATTACACGGACCA	CTTCAGGCCATCCATCAGCA
<i>Tnap</i> (rat)	CACGTTGACTGTGGTTACTGCTGA	CCTTGTAACCAGGCCCGTTG
<i>CD73</i> (rat)	GGGCTATCTGAAGGTTGAGTTTGA	CACTGGTTAATGTCTGCTTTGATGG
<i>Mmp13</i> (rat)	GCAGCTCCAAAGGCTACAA	CATCATCTGGGAGCATGAAA
<i>Col2a1</i> (rat)	CGCCACGGTCCTACAATGTC	GTCACCTCTGGGTCCTTGTTAC
<i>Col10a1</i> (rat)	CAGCCAAGCAGTCATAACC	AGTGCTGCTGCCTGTTGT
<i>Aggrecan</i> (rat)	TGGCATTGAGGACAGCGAAG	TCCAGTGTGTAGCGTGTGGAAATAG
<i>Gapdh</i> (rat)	GGCACAGTCAAGGCTGAGAATG	ATGGTGGTGAAGACGCCAGTA
<i>Il-1β</i> (mouse)	CTTCGTAAATGACCTGCAGCTTG	AGGTCGGTCTCACTACCTGTGATG
<i>Tnf-a</i> (mouse)	AACTCGAGTGACAAGCCCGTAG	GTACCACCAGTTGGTTGTCTTTGA
<i>Mmp3</i> (mouse)	TCTTTCACCTCAGCCAATGCT	GGGAGGTCCATAGAGGGATT
<i>Mmp9</i> (mouse)	AGCCGGGAACGTATCTGGA	TGGAAACTCACACGCCAGAAG
<i>Mmp13</i> (mouse)	TCCCTGGAATTGGCAACAAAG	GCATGACTCTCACAATGCGATTAC
<i>Adamts5</i> (mouse)	AAGGGCACAGGCTACTATGTGGTC	CAATAATGCCGTCACATCCAGTTC
<i>Col2a1</i> (mouse)	CATCCAGGGCTCCAATGATGTA	ATGTCCATGGGTGCGATGTC
<i>Col10a1</i> (mouse)	GTTCTTGACCCTGGTTCA	CTGAGGGACCTGGGTGT
<i>Aggrecan</i> (mouse)	TTCCACCAGTGCGATGCAG	TGGTGTCCCGGATTCCGTA

Gapdh (mouse)

TGTGTCCGTCGTGGATCTGA

TTGCTGTTGAAGTCGCAGGAG
