

224 **Supplementary Table 1. Primers sequences used for RT-PCR**

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Gene (Mice)	Forward primer (5'-3')	Reverse primer (5'-3')
Cdkn2a	AATCTCCGCGAGGAAAGC	GTCTGCAGCGGACTCCATS
Cdkn1a	ATTCCATAGGCGTGGGACCT	TCCTGGGCATTTCCGGTCAC
Il6	GCTACCAAACCTGGATATAATCA GGA	CCAGGTAGCTATGGTACTCCAGA A
Mmp13	GGAGCCCTGATGTTTCCCAT	GTCTTCATCGCCTGGACCATA
Il1β	GTATGGGCTGGACTGTTTC	GCTGTCTGCTCATTACAG
Sox9	ACCCACAGCTCCCCTGAAG	CTCACCTTCAGTGGCAAGAGC
Col2a1	CCTCCGTCTACTGTCCACTGA	ATTGGAGCCCTGGATGAGCA
Acan	CGTTGCAGACCAGGAGCAAT	CGGTCATGAAAGTGGCGGTA
Runx2	GCCGGGAATGATGAGAATA	GGTGAAACTCTTGCCCTCGTC
Bglap	GGCGCTACCTTGGGTAAAGTG	GACCACTCCAGCACAACCTCC
Ctsk	GCACCCTTAGTCTTCCGCTC	ACCCACATCCTGCTGTTGAG
Rankl	GAGCACGAAAACTGGTCGG	AGGGTTGGACACCTGAATGC
Opg	CAGCCATTTGCACACCTCAC	TTAGAGATCTTGGCCAGCC
β-actin	CAACCGTGAAAAGATGACCC	GTAGATGGGCACAGTGTGGG

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Gene (human)	Forward primer (5'-3')	Reverse primer (5'-3')
cdkn2a	AGCTGGAATTACACAGCTGC	GGACTGGCTTGCAATCTTGT
mmp3	CACTCACAGACCTGACTCGG	GAGTCAGGGGGAGGTCCATA
il6	CCCCTGACCCAACCACAAAT	ATTTGCCGAAGAGCCCTCAG
mmp13	TGGTCCAGGAGATGAAGACC	TCCTCGGAGACTGGTAATGG
il1β	GGACAAGCTGAGGAAGATGC	TCGTTATCCCATGTGTGCGAA
col2a1	CGCCGCTGTCCTTCGGTGTC	AGGGCTCCGGCTTCCACACAT
acan	TGGGAACCAGCCTATACCCCA G	CAGTTGCAGAAGGGCCTTCTGTA C
β-actin	GCTCCTCCTGAGCGCAAGTAC	GGACTCGTCATACTCCTGCTTGC