

Table SI. Primers used for reverse transcription-quantitative PCR.

Gene	Primer
Ccl20	Forward: 5'-CTGTGTGCGCTGATCCAAAG-3' Reverse: 5'-CTTCTTGACTCTTAGGCTGAGGA-3'
Mmp9	Forward: 5'-CAGCCGACTTTTGTGGTCTTC-3' Reverse: 5'-CGGTACAAGTATGCCTCTGCCA-3'
Cdk1	Forward: 5'-CCGTTGCACTGGTTTGACAG-3' Reverse: 5'-ACTCACTTCCCTCAGTGCG-3'
Clic6	Forward: 5'-GAAGAGTTGGGGCGAGTGAA-3' Reverse: 5'-GCCGTCATAACCAGCCTTGA-3'
Colla1	Forward: 5'-CCCTGGTCCCTCTGGAAATG-3' Reverse: 5'-GGACCTTTGCCCCCTTCTTT-3'
Coll1a1	Forward: 5'-CCCAAGGCAGCATACTGACTA-3' Reverse: 5'-TCCTCAGGTGCATACTCATCA-3'
Comp	Forward: 5'-AGTTGGCTACATCAGGGTGC-3' Reverse: 5'-CGCAGGTTAGCCAGATGAT-3'
Cxcl10	Forward: 5'-CCACGTGTTGAGATCATTGCC-3' Reverse: 5'-GAGGCTCTCTGCTGTCCATC-3'
Apoc2	Forward: 5'-GCTTTGTTGGCCAGGACTTT-3' Reverse: 5'-ATGCTGTCTGGGACCTGAATG-3'
Fgf23	Forward: 5'-TTCTACACTGTTCGCCACG-3' Reverse: 5'-CTTTCTTCGACTTGCAGGCAC-3'
Gdf15	Forward: 5'-CCTCCATCTTCTATCTGAGCCTG-3' Reverse: 5'-CCATGTCGCTTGTGTCCTTTC-3'
Gstp1	Forward: 5'-TCTACGCAGCACTGAATCCG-3' Reverse: 5'-GGAGCTGCCCATACAGACAA-3'
Lama2	Forward: 5'-TGAGTATGAAAGCAAGGCCAGA-3' Reverse: 5'-AAGCTCCACAAAACCAGGCT-3'
Itgb11	Forward: 5'-CTCCAGATGGCAAAGTCTGT-3' Reverse: 5'-GTTACACTGCCCATGACCTGA-3'
Il1rn	Forward: 5'-TAGACATGGTGCCTATTGACCT-3' Reverse: 5'-TCGTGACTATAAGGGGCTCTTC-3'
Serpine1	Forward: 5'-TCTGGGAAAGGGTTCACCTTACC-3' Reverse: 5'-GACACGCCATAGGGAGAGAAG-3'
Apoa4	Forward: 5'-GGCCAATGTGGTGTGGGATT-3' Reverse: 5'-TGTCCTGGAAGAGGGTACTGAG-3'
Trem2	Forward: 5'-CTGGAACCGTCACCATCACTC-3' Reverse: 5'-CGAAACTCGATGACTCCTCGG-3'
Itgax	Forward: 5'-CTGGATAGCCTTTCTTCTGCTG-3' Reverse: 5'-GCACACTGTGTCCGAACTCA-3'
Vcan	Forward: 5'-TTTTACCCGAGTTACCAGACTCA-3' Reverse: 5'-GGAGTAGTTGTTACATCCGTTGC-3'
Igfbp2	Forward: 5'-GCAGACCTCGGGTGAGAAAA-3' Reverse: 5'-TCGTCATCACTGTCTCCCAAC-3'
Akr1d1	Forward: 5'-AATGTTCTTGAGCCAGGAGCC-3' Reverse: 5'-ACATGGACTCCACCCAGCAATG-3'
Plin1	Forward: 5'-CTGTGTGCAATGCCTATGAGA-3' Reverse: 5'-CTGGAGGGTATTGAAGAGCCG-3'
Cxcl14	Forward: 5'-ACTGCTGCTTAAAGGACTTGG-3'

	Reverse: 5'-CACGCATCTGTCCCGTCAAA-3'
Pklr	Forward: 5'-CCGAGATACGCACTGGAGTC-3'
	Reverse: 5'-CTGTGTGGCACAAACGACAG-3'
Enho	Forward: 5'-CAATGGCCTCGTAGGCTTCT-3'
	Reverse: 5'-CTTGATCCGATTCCACGCT-3'
Pon3	Forward: 5'-AACTGCCACCTGATTGAGGG-3'
	Reverse: 5'-AAAGTGCTGATCCCGTGAGG-3'
Gapdh	Forward: 5'-AGGTCGGTGTGAACGGATTTG-3'
	Reverse: 5'-TGTAGACCATGTAGTTGAGGTCA-3'

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Ccl20, C-C motif chemokine ligand 20; Cdk1, cyclin-dependent kinase 1; Clic6, Clic6 chloride intracellular channel 6; Colla1, collagen type I  $\alpha$ 1 chain; Comp: cartilage oligomeric matrix protein; Cxcl10, C-X-C motif chemokine ligand 10; Apoc2, apolipoprotein C2; Fgf23, fibroblast growth factor 23; Gdf15, growth differentiation factor 15; Gstp1, glutathione S-transferase  $\pi$ 1; Lama2, laminin subunit  $\alpha$ 2; Itgb11, integrin subunit  $\beta$ -like 1; Il1rn, interleukin 1 receptor antagonist; Serpine1, serpin family E member 1; Trem2: triggering receptor expressed on myeloid cells 2; Vcan, versican; Igfbp2: insulin-like growth factor binding protein 2; Akrl1d1, aldo-keto reductase family 1 member D1; Plin1, perilipin 1; Pklr, pyruvate kinase liver and red blood cell; Enho, energy homeostasis-associated; Pon3, paraoxonase3.