

Gene symbol	Name	Sequence
Actb	Actin, beta	F 5'-GAACCCTAAGGCCAACCGTGAA-3' R 5'-GCGCGTAACCCTCATAGATG-3'
Ankh	ANKH inorganic pyrophosphate transport regulator	F 5'-GGGCGACGCAACCATAAGAAAGAT-3' R 5'-TGTGGGCCGAGGTGACCGTGTGT-3'
Bglap	Osteocalcin	F 5'-CCGTTTAGGGCATGTGTTGC-3' R 5'-CCGTCCATACTTTCGAGGCA-3'
Cdh13	T-cadherin	F 5'-GACTGGCACCGGGACTCTGATGA-3' R 5'-GAGGGCGTGGGTGTTGTTGATTTT-3'
Ctsk	Cathepsin K	F 5'-GGGAGACATGACCAGCGAAGAA-3' R 5'-CACACTGGCCCTGGTTTTTGAC-3'
Eef1a1	Eukaryotic translation elongation factor 1 alpha 1	F 5'-CATCGTCGTAATTGGACACG-3' R 5'-CACGCTAGCTTTCAGTTTG-3'
Fgfr1	Fibroblast growth factor receptor 1	F 5'-CCAGATCCTGAAGACTGCTGGAGT-3' R 5'-CTCTTCCAGGGCTTCCAGAACGGT-3'
Fn1	Fibronectin 1	F 5'-GGGCGAAGGCAATGGGCGTATCA-3' R 5'-CTGGGGGTGGGTCTGGGGTTGGTA-3'
Gapdh	Glyceraldehyde-3-phosphate dehydrogenase	F 5'-CAAGATGGTGAAGGTCGGTGTG-3' R 5'-TGAGGTCAATGAAGGGGTCGTT-3'
Hprt	Hypoxanthine phosphoribosyltransferase 1	F 5'-CCCAGCGTCGTGATTAGTGA-3' R 5'-CCAAATCTTCAGCATAATGATTAGGTAT-3'
Ibsp	Bone sialoprotein	F 5'-TACCGGCCACGCTACTTTCT-3' R 5'-GCGCAGCTAACTCCAACCTTTC-3'
Inhba	Inhibin beta A subunit	F 5'-AGTGGGGGAAAACGGGTATGTGGA-3' R 5'-CCTGTTGGCCTTGGGGACTTTCA-3'
Kl	Klotho	F 5'-GGCCGACCATTTCAGGGATTAC-3' R 5'-TGGGGCGGAAGGAGGTGTTGTAGA-3'
Postn	Periostin	F 5'-GAACCCGGAGTCACCAACATC-3' R 5'-TGCTGCCACGAACGAACCTTA-3'
Rplp0	Ribosomal protein lateral stalk subunit P0 (Arbp)	F 5'-AAAGGTCCTGGCTTTGTCT-3' R 5'-GCAAATGCAGATGGATCG-3'
Rpl13a	Ribosomal protein L13A	F 5'-CCCTCCACCCTATGACAAGA-3' R 5'-CCTTTTCCTTCCGTTTCTCC-3'
Runx2	Runt-related transcription factor 2	F 5'-TCCATTCCACCACGCCGCTGTCTT-3' R 5'-GCCTGGGAACTGCCTGGGGTCTGA-3'
Slc20a1	Pit1	F 5'-CCGAAGTGAATAAAATTGTGATGT-3' R 5'-GTTTGTCAAAGCCCAGCAATGGTG-3'
Slc20a2	Pit2	F 5'-CTGGCGTGGTGACCCTGAGACA-3' R 5'-AGACCGCTGAGCCGACCATT-3'
Slc34a1	Napi2a	F 5'-CTGGCGGGCTCCCTGGTGGTC-3' R 5'-AGGGGGCTGGGAAGTCTGTGTTGA-3'
Slc34a3	Napi2c	F 5'-TCTTCGCAGTTCAGGTTG-3' R 5'-GTGAGTAGTAAGTAGACAATGG-3'
Snail	Snail1	F 5'-ATATTGTAATAAGGAGTACCTCA-3' R 5'-AGGCCTGACACTGGTATCTCTTC-3'
Sost	Sclerostin	F 5'-GCCTCCTCAGGAAGTAGAGAAC-3' R 5'-TACTCGGACACGTCTTTGGTG-3'
Spp1	Osteopontin	F 5'-CCGAGGTGATAGCTTGGCTT-3' R 5'-TCGGAAGTCTGGCTCTTCAT-3'
Tgfb1	Transforming growth factor, beta 1	F 5'-TCCACGTGGAAATCAATGGGATCA-3' R 5'-CAGTTCTTCTCTGTGGAGCTGAA-3'
Vim	Vimentin	F 5'-CGTGATGTCCGCCAGCAGTAT-3' R 5'-TGGCGCAGGGCATCGTTGTT-3'

S1 Table. Primer sequences.