Supplementary Material

# Supplementary Table S1 - Primers used for quantitative PCR in the femur and osteocyte cells.

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| Gene | Forward | Reverse |
| Gapdh (femur) | 5’-ACGGCCGCATCTTCTTGTGCA-3’ | 5’-CGCCAAATCCGTTCACACCGA-3’ |
| Rankl (femur) | 5’-CGTGCAGAAGGAACTGCAACAC-3’ | 5’-TGGTGAGGTGTGCAAATGGCT-3’ |
| Opg (femur) | 5'-TCATCCAAGACATTGACCTCTGTGA-3' | 5'-GCTGCTCGCTCGATTTGCAG-3' |
| Sost (femur) | 5'- TGTCAGGAAGCGGGTGTAGT -3' | 5'- GAGCCTCCTCCTGAGAACAA -3' |
| Gapdh (cells) | 5’-GGCAAATTCAACGGCACA-3’ | 5’-GTTAGTGGGGTCTCGCTCCTG-3’ |
| Fgf2 (cells) | 5’-GGCTGCTGGCTTCTAAGTGT-3’ | 5’-TCTGTCCAGGTCCCGTTTTG-3’ |
| Sost (cells) | 5’-GGAATGATGCCACAGAGGTCAT-3’ | 5’-CCCGGTTCATGGTCTGGTT-3’ |
| Bcl2 (cells) | 5’-GCATGCGACCTCTGTTTGAT-3’ | 5’-ATTTGTTTGGGGCAGGTTTGT-3’ |
| Bax (cells) | 5’-TGAAGACAGGGGCCTTTTTG-3’ | 5’-AATTCGCCGGAGACACTCG-3’ |
| Rankl (cells) | 5’-ctgaggcccagccatttg-3’ | 5’-gttgcttaacgtcatgttagagatcttg-3’ |
| Opg (cells) | 5’-TGCTCCTGGACATCATTG-3’ | 5’-CCTTCCTCACACTCACACAC-3’ |