A

gene	sense	antisense
β-actin	GGCCCAGAGCAAGAGAGGTATCC	ACGCACGATTTCCCTCTCAGC
PIAS3	GGACGTGTCCTGTGTGTGAC	TGACGTCTGACCGACAGC
c-Fos	ATGGGCTCTCCTGTCAACAC	GCAGCCATCTTATTCCGTTC
NFATc1	TGCTCCTCCTCCTGCTGCTC	CGTCTTCCACCTCCACGTCG
RANKL	TATGATGGAAGGCTCATGGT	TGTCCTGAACTTTGAAAGCC
TRAP	CAGTTGGCAGCAGCCAAGGAGGAC	GTCCCTCAGGAGTCTAGGTATCAC
Cathepsin K	GGGAGAAAAACCTGAAGC	ATTCTGGGGACTCAGAGC
MMP9	ACTACTCTGAAGACTTGCCG	GGTACAGGAAGAGTACTGCT-

B

gene	sense	antisense
β-actin	CTGAACCCTAAGGCCAACCGTG	GGCATACAGGGACAGCACAGCC
PIAS3	TTTCGATGCTGCCCTTTATC	CTCTGATGCCTCCTTCTTGG
c-Fos	GTCAAGAGCATCAGCAACGTG	GTAGTGCAGCCCCGGAGTACAG
NFATc1	CCTTCCCACAGCACACTCTG	TAGGCCCAGGTAGGAGGTGA
TRAP	CAGGAGACCTTTGAGGACGTG	GTGGAATTTTGAAGCGCAAAC
Cathepsin K	TGGCTCGGAATAAGAACAACG	GCACCAACGAGAGGAGAAATG
RANKL	TGTACTTTCGAGCGCAGATG	CCACAATGTGTTGCAGTTCC

C

gene	sense	antisense
c-Fos promoter	TCTGCCTTTCCCGCCTCCCC	GGCCGTGGAAACCTGCTGAC
Cathepasin K promoter	GTGGTTGGCCAAGTCAGACTC	CTGCTAGACTCTCGGGTGGTAG
TRAP promoter	GGACCTACAGATGCCCAGTACAC	TCCGAGGATTGTCCAGAAGC