

Effects of loganin on bone formation and resorption *in vitro* and *in vivo*

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Supplementary Table S1. Gene specific primers used in this study.

| Gene | Primer sequence |
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| <i>Alpl</i> | Forward: 5'-TCC CAC GTT TTC ACA TTC GG-3' Reverse: 5'-CCC GTT ACC ATA TAG GAT AGC C-3' |
| <i>Runx2</i> | Forward: 5'-TAA AGT GAC AGT GGA CGG TCC C-3' Reverse: 5'-AAT GCG CCC TAA ATC ACT GAG G-3' |
| <i>Bglap</i> | Forward: 5'-TAG TGA ACA GAC TCC GGC GCT A-3' Reverse: 5'-TGT AGG CGG TCT TCA AGC CAT-3' |
| <i>Ctsk</i> | Forward: 5'-AAT ACC TCC CTC TCG ATC CTA CA-3' Reverse: 5'-TGG TTC TTG ACT GGA GTA ACG TA-3' |
| <i>Acp5</i> | Forward: 5'-TGG TAT GTG CTG GCT GGA AAC-3' Reverse: 5'-GCA GAG GCA TAC TTG TAC CG-3' |
| <i>Mmp9</i> | Forward: 5'-GCA GAG GCA TAC TTG TAC CG-3' Reverse: 5'-TGA TGT TAT GAT GGT CCC ACT TG-3' |
| <i>Gapdh</i> | Forward: 5'-AGG TCG GTG TGA ACG GAT TTG-3' Reverse: 5'-TGT AGA CCA TGT AGT TGA GGT CA-3' |
| <i>Hprt</i> | Forward: 5'-GAG GAG TCC TGT TGA TGT TGC CAG-3' Reverse: 5'-GGC TGG CCT ATA GGC TCA TAG TGC-3' |