**Supplementary file 1.** Sequences of the primers used for each gene used in this article

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| --- | --- |
| Name | Sequence |
| *Sost*-F | CATCCCAGGGCTTGGAGAGTA |
| *Sost*-R | TGTCAGGAAGCGGGTGTAGT |
| *Ptgs2*-F | CCTTCTCCAACCTCTCCTACTA |
| *Ptgs2*-R | GGAAGCTCCTTATTTCCCTTCA |
| *Runx2*-F | CTCTGGCCTTCCTCTCTCAGTAA |
| *Runx2*-R | TAGGTAAAGGTGGCTGGGTAGT |
| *Bgalp2*-F | AGCAGGAGGGCAATAAGGTAGT |
| *Bgalp2*-R | TAGGCGGTCTTCAAGCCATACT |
| *Ctnnb1* -F | GACACCTCCCAAGTCCTTTATG |
| *Ctnnb1* -R | CTGAGCCCTAGTCATTGCATAC |
| *Dmp1*-F | CCCAGTTGCCAGATACCACAATAC |
| *Dmp1*-R | GCTGTCCGTGTGGTCACTATTT |
| *Gapdh*-F | CTTCAACAGCAACTCCCACTCTTC |
| *Gapdh*-R | TCTTACTCCTTGGAGGCCATGT |