

Supplementary Data

SUPPLEMENTARY TABLE S1. PRIMERS USED FOR REAL-TIME RT-PCR

Gene	Primer
<i>Runx2</i>	5'-ACAA CCA CAG AAC CAC AAG-3' and 5'-TCT CGG TGG CTG GTA GTG A-3'
<i>osterix</i>	5'-GGA GGT TTC ACT CCA TTC CA-3' and 5'-TAG AAG GAG CAG GGG ACA GA-3'
<i>Dlx5</i>	5'-ATGACAGGAGTGTGGTGGACAG-3' and 5'-ATAAGAAGCAGAGGTAGG-3'
<i>Msx2</i>	5'-CAA GCC CTT CGA GAC CGC C-3' and 5'-CAG GTA CTG TTT CTG GCG G-3'
<i>ALP</i>	5'-GAC AAG AAG CCC TTC ACA GC-3' and 5'-CTG GGC CTG GTA GTT GTT GT-3'
<i>BSP</i>	5'-TGG TCT TCA TTC CCC TCA GA-3' and 5'-TGA AAC GGT TTC CAG TCC AG-3'
<i>OCN</i>	5'-GAC AAG TCC CAC ACA GCA GCT-3' and 5'-GGA CAT GAA GGC TTT GTC AGA-3'
<i>OPN</i>	5'-TGC ACC CAG ATC CTA TAG CC-3' and 5'-CTC CAT CGT CAT CAT CAT CG-3'
<i>ADD-1</i>	5'-GAT CAA AGA GGA GCC AGT GC-3' and 5'-TAG ATG GTG GCT GCT GAG TG-3'
<i>PPARγ2</i>	5'-TAT GGG YGA AAC TAT GGG A-3' and 5'-TGG CAT CTC TGT GTC ACC AT-3'
<i>Ap2</i>	5'-ATG GGA TGG AAA ATC AAC CA-3' and 5'-GTG GAA GTG ACG CCT TTC AT-3'
<i>Adiponectin</i>	5'-GCA GAG ATG GCA CTC CTG-3' and 5'-CCC TTC AGC TCC TGT CAT TCC-3'
<i>ID-1</i>	5'-CTG AAC GGC GAG ATC AG-3' and 5'-CCA TCT GGT TCC TCA GTG C-3'
<i>Smad6</i>	5'-TACCACTTCAGCCGGCTCTG-3' and 5'-AGTACGCCACGCTGCACCAG-3'
<i>β-actin</i>	5'-CTT TCT ACA ATG AGC TGC GTG-3' and 5'-ATG GCT GGG GTG TTG AAG G-3'

Sequences of the forward and reverse primers used for real-time RT-PCR amplifications of osteogenic transcription factors (*Runx2*, *Osterix*, *Dlx5*, and *Msx2*), osteoblast markers (*ALP*, *BSP*, *OCN*, and *OPN*), adipocyte markers (*ADD-1*, *PPAR γ 2*, *aP2*, and *adiponectin*), *ID-1*, *Smad6*, and β -actin.

ADD-1, adipocyte differentiation and determination factor 1; *aP2*, adipocyte protein 2; *ID-1*, inhibitor of DNA binding protein 1; *PPAR γ 2*, peroxisome proliferator-activated receptor γ 2; RT-PCR, reverse transcription PCR.