

Table S1. **Primers used in real-time/RT-PCR**

<b>Gene</b>	<b>Primers (forward and reverse)</b>
18s rRNA	5'-GAGAAACGGCTACCACATCC-3'; 5'-CCTCCAATGGATCCTCGTTA-3'
BSP	5'-AGGGAACGACCAGTGTGG-3'; 5'-TCGTTGCCCTGTTGTCGTA-3'
OCN	5'-AAGCAGGAGGGCAATAAGGT-3'; 5'-GCGGTCTTCAAGCCATACTG-3'
CHIP	5'-CCTATGACCGCAAGGACCATT-3'; 5'-CTCTACCCAGCCGTTCTCAG-3'
CEBP $\alpha$	5'-GCAGTGTGCACGTCTATGCT-3'; 5'-CCCAAACATCCCTAAACCAA-3'
PPAR $\gamma$	5'-AGCCCATCGAGGACATCAA-3'; 5'-TGCTCTGTGACGATCTGCCT-3'
Runx2	5'-CTTCACAAATCCTCCCAAG-3'; 5'-GAATGCGCCCTAAATCACTG-3'
Smurf1	5'-ATCGACTCCCACCCTATGA-3'; 5'-TCTGGTGGTTGTGAGCAAGA-3'
WWP1	5'-TACGAATGCGACTCTTGCAAG-3'; 5'-AACCAGGTGTCTTTGCCAAC-3'
Shn3	5'-CTCAGACACGCTCCAAA-3'; 5'-AGCTGCCGTAGTCAAAGGA-3'