**Supplementary table 1**

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| **Gene** | **Sequence (5'>3')** |
| *ppar-γ* | **Forward primer** CCGAGTCTGTGGGGATAAAGC**Reverse primer** GGTCTCTCGGAAACTCCCTTTG |
| *lpl* | **Forward primer** AGCCCTTGCTAGGAGAAAGC**Reverse primer** ATAATGGGGATGCCGGTGAC |
| *runx2* | **Forward primer** CCTCACAAACAACCACAGAACC**Reverse primer** CAAAACAAAACGGAGTGAGCAAATA |
| *alp* | **Forward primer** CTTCATAAGCAGGCGGGGGA**Reverse primer** GAGCCCAGATGGTGGGAAGA |
| *β-actin* | **Forward primer** CTGGCACCACACCTTCTACA |
| **Reverse primer** GGTACGACCAGAGGCATACA |