**Supplementary Table 1. Sequences of primers for real-time PCR analysis.** Actb: β-actin, Agrp: agouti related protein, Fasn: fatty acid synthase, Npy: neuropeptide Y, Ppard: peroxisome proliferator-activated receptor delta, Pparg: peroxisome proliferator-activated receptor gama, Srebf1: sterol regulatory element binding transcription factor 1.

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| --- | --- | --- | --- |
| **Gene** | **Forward primer** | **Reverse primer** | **Accession number** |
| Actb | TCTGTGTGGATTGGTGGCTCTA | CCTGCTTGCTGATCCACATCT | NM\_031144 |
| Agrp | GCAGAGGTGCTAGATCCACAGA | GGACTCGTGCAGCCTTACACA | NM\_033650 |
| Fasn | GTCTGCAGCTACCCACCCGTG | CTTCTCCAGGGTGGGGACCAG | NM\_017332 |
| Npy | TGATGCTAGGTAACAAACGAATGG | GCCAGAATGCCCAAACACA | NM\_012614 |
| Ppard | CCTTCATCATCCACGACATTGA | TCCACACCAGGCCCTTCTC | NM\_013141 |
| Pparg | ATGGAGCCTAAGTTTGAGTTTGCT | GGATGTCCTCGATGGGCTTCA | NM\_001145366 |
| Srebf1 | TGATGGAGACAGGGAGTTCTCA | AGCGTCAGAACAGCTATTTAGCAA | NM\_001276707 |