|  |  |
| --- | --- |
| Gene | Primer sequence |
| UCP-1 F | CGTCCCCTGCCATTTACTGT  |
| UCP-1 R | GACCCGAGTCGCAGAAAAGA  |
| Cidea F | TCACAACTGGCCTGGTTACG  |
| Cidea R | CCTTGAAGCTTGTGCATCGG  |
| PRDM16 F | CCCCACATTCCGCTGTGAT |
| PRDM16 R | CTCGCAATCCTTGCACTCA |
| HSL-F | GTGGCGAAAAGGCAAGATCA |
| HSL-R  | TTCCCGAACACCTGCAAAGA |
| ATGL-F  | GACAGCTCCACCAACATCCA  |
| ATGL-R | GCAAAGGGTTGGGTTGGTTC  |
| FABP4-F  | TCACCTGGAAGACAGCTCCT  |
| FABP-4-R | AATCCCCATTTACGCTGATG |
| CPT-1-F  | TGTCCATCATGGCTTGTCTC  |
| CPT-1-R  | AGTACCCAAGCGTACCAAGC |
| PGC-1α F | CCCTGCCATTGTTAAGACC |
| PGC-1α R | TGCTGCTGTTCCTGTTTTC |
| Adipoq F | GCACTGGCAAGTTCTACTGCAA  |
| Adipoq R | GTAGGTGAAGAGAACGGCCTTGT  |
| Perilipin F | GGATGGAGACCTCCCTGAG |
| Perilipin R | CTCACAGGTCCCGCTCAC |
| TFAM F | ATTAGGAGGGTCTCGCTCCA |
| TFAM R | GGCCATGCAAGGCTTTTCC |
| β-actin F | GACCTCTATGCCAACACAGT |
| β-actin R | AGTACTTGCGCTCAGGAGGA |

**Table S1. Quantitative real-time PCR gene-specific primer sequences.**