**Supplemental Table**. qRT-PCR primer sequences for gene analysis

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| Genes | Forward primer | Reverse primer |
| GAPDH | 5’-TGTGTCCGTCGTGGATCTGA-3’ | 5’-CCTGCTTCACCACCTTCTTGAT-3’ |
| ACOX-1 | 5’-CCCAAGACCCAAGAGTTCATTC-3’ | 5’-CAGGCCACCACTTGATGGA-3’ |
| SREBP-1c | 5’-GGAGCCATGGATTGCACATT-3’ | 5’-GGCCCGGGAAGTCACTGT-3’ |
| PPARγ | 5’-CACAATGCCATCAGGTTTGG-3’ | 5’-GCTGGTCGATATCACTGGAGATC-3’ |
| PPARδ | 5’-GCCACAACGCACCCTTTG-3’ | 5’-CCTTCTCTGCCTGCCACAGT-3’ |
| FAS | 5’-TCCTGGAACGAGAACACGATCT-3’ | 5’-GAGACGTGTCACTCCTGGACTTG-3’ |
| CPT-1α | 5’-GAACCCCAACATCCCCAAAC-3’ | 5’-TCCTGGCATTCTCCTGGAAT-3’ |
| CPT-1β | 5’-GCTCTGAGACACATCTACC-3’ | 5’-CTAAGGATGCCATTCTTGATTC-3’ |
| SCD-1 | 5’-CAGTGCCGCGCATCTCT-3’ | 5’-CCCGGGATTGAATGTTCTTG-3’ |
| F4/80 | 5’-GTATTCCAACTGCTCTAA-3’ | 5’-CATTCATCTTCATCTTCAC-3’ |
| MCP-1 | 5’-TTCCTCCACCACCATGCAG-3’ | 5’-CCAGCCGGCAACTGTGA-3’ |
| CD68 | 5’-ACAACTGTCACTCATAACC-3’ | 5’-ATTTGTGGTGGGAGAAAC-3’ |
| IL-10 | 5’-AGCAGGTGAAGAGTGATT-3’ | 5’-GCAGTTGATGAAGATGTCA-3’ |
| LPL | 5’-AAGTAGCAATTAACTGGTCTG-3’ | 5’-TTCCGTCGCAATCGTAAT-3’ |
| SR-B1 | 5’-GATGTGGGCACCCTTCATG-3’ | 5’-CCGGGCTGAAGAATTCCA-3’ |
| LDLR | 5’-GGGTTGATTCCAACTCCATTC-3’ | 5’-TCCGATTGCCCCCATTG-3’ |
| UCP-3 | 5’-TTTTGCGGACCTCCTCACTT-3’ | 5’-TGGATCTGCAGACGGACCTT-3’ |
| TFAM | 5’-CACCCAGATGCAAAACTTTCAG-3’ | 5’-CTGCTCTTTATACTTGCTCACAG-3’ |