**Primer sequences of qRT-PCR**

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| Primer | Sequence (5′-3′) |
| APOE4 | Forward: 5'-CAGTCTCTCACACTCGTCCTGGC-3'Reverse: 5'-CTGCTCCTTCACCTCGTCCA-3' |
| FAS | Forward: 5′-CAAGAACTGCACGGAGGTGT-3′Reverse: 5′-AGCAGCCAGAGTCGGAGAAC-3′ |
| ACC | Forward: 5′- CACGCTCAAGTCACCAAGAA-3′Reverse: 5′- CCAAATGGGAGGCAATAAGA-3′ |
| SCD1 | Forward: 5′-GGCTCCTAGCCTAATCCCCT-3′Reverse: 5′-CTTGCGATATGCTGTGGTGC-3′ |
| GPT-1 | Forward: 5′-TCTTGTCCTCAGTGCTTGGG-3′Reverse: 5′-TGCGTCACAGCTGAAAGTGA-3′ |
| SREBP1 | Forward: 5′- AAACAGGGCATCACACACATC-3′Reverse: 5′- GTGCTCGCAAAATGGCTGTA-3′ |
| PPARγ | Forward: 5′-CGTCCCCGCCTTATTATTCT-3′Reverse: 5′-GCTTTATCCCCACAGACTCG-3′ |
| ABCA1 | Forward: 5′-CCCCTGTTTCCGTTACCC-3′Reverse: 5′-AGCCCTCAGCATCTTGTC-3′ |
| GAPDH | Forward: 5′-GGACCAATACGACCAAATCCG-3′Reverse: 5′-AGCCACATCGCTCAGACAC-3′ |