**Supplemental Table S1. Primer sequences outlined in the 5'-3' direction**

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| Gene | Sequences | Accession number |
| *HMGCR* | Forward: 5’-TGATTGACCTTTCCAGAGCAAG-3’ | NM\_001130996.1 |
| 　 | Reverse: 5’-CTAAAATTGCCATTCCACGAGC-3’ | NM\_000859.2  |
| [*SREBP-1c*](http://www.kyoto-u.ac.jp/static/ja/news_data/h/h1/news6/2013_1/131203_2.htm#b) | Forward: 5’-TCAGCGAGGCGGCTTTGGAGCAG-3’ | NM\_004176.4  |
| 　 | Reverse: 5’-CATGTCTTCGATGTCGGTCAG-3’ | NM\_001005291.2 |
| [*SREBP-2*](http://www.kyoto-u.ac.jp/static/ja/news_data/h/h1/news6/2013_1/131203_2.htm#b) | Forward: 5’-TGGCTTCTCTCCCTACTCCA-3’ | NM\_004599.3 |
| 　 | Reverse: 5’-GAGAGGCACAGGAAGGTGAG-3’ | NR\_103834.1 |
| *PPARα* | Forward: 5’-CAGAACAAGGAGGCGGAGGTC-3’ | NM\_001001928.2 |
| 　 | Reverse: 5’-TTCAGGTCCAAGTTTGCGAAGC-3’ | NM\_005036.4 |
| *PPARδ* | Forward: 5’-CTCTATCGTCAACAAGGACG-3’ | NM\_001171820.1 |
|  | Reverse: 5’-GTCTTCTTGATCCGCTGCAT-3’ | NM\_001171819.1 |
|  |  | NM\_001171818.1 |
|  |  | NM\_006238.4 |
| 　 | 　 | NM\_177435.2 |
| *LDLR* | Forward: 5’-GCTTGTCTGTCACCTGCAAA-3’ | NM\_001195803.1 |
|  | Reverse: 5’-AACTGCCGAGAGATGCACTT-3’ | NM\_001195800.1 |
|  |  | NM\_001195799.1 |
|  |  | NM\_001195798.1 |
| 　 | 　 | NM\_000527.4 |
| *LXRα* | Forward: 5’-GGAGGTACAACCCTGGGAGT-3’ | NM\_001251935.1 |
|  | Reverse: 5’-AGCAATGAGCAAGGCAAACT-3’ | NM\_001251934.1 |
|  |  | NM\_001130102.2 |
|  |  | NM\_001130101.2 |
| 　 | 　 | NM\_005693.3 |
| *CPT-1α* | Forward: 5’-CGCTACTCCCTGAAAGTG-3’ | NM\_001031847.2 |
| 　 | Reverse: 5’-CTTGACCATACCCATCCAG-3’ | NM\_001876.3 |
| *FAS* | Forward: 5’-AACTCCAAGGACACAGTCACCAT-3’ | NM\_004104.4 |
| 　 | Reverse: 5’-CAGCTGCTCCACGAACTCAA-3’ | 　 |
| *ACC-1* | Forward: 5’-TTAACAGCTGTGGAGTCTGGCTGT-3’ | NM\_198836.2 |
|  | Reverse: 5’-AACACTCGATGGAGTTTCTCGCCT-3’ | NM\_198834.2 |
|  |  | NM\_198839.2 |
|  |  | NM\_198838.1 |
| 　 | 　 | NM\_198837.1 |
| *SCD-1* | Forward: 5’-CTCCACTGCTGGACATGAGA-3’ | NM\_005063.4 |
| 　 | Reverse: 5’-AATGAGTGAAGGGGCACAAC-3’ | 　 |
| *SPT-1* | Forward: 5’-GCGCGCTACTTGGAGAAAGA-3’  | NM\_001281303.1 |
| 　 | Reverse: 5’-TGTTCCACCGTGACCACAAC-3’ | NM\_006415.3 |
| *TNF-α* | Forward: 5’-TTGAGGGTTTGCTACAACATGGG-3’ | NM\_000594.3 |
| 　 | Reverse: 5’-GCTGCACTTTGGAGTGATCG-3’ | 　 |
| *IL-6* | Forward: 5’-TTTTGTACTCATCTGCACAGC-3’ | NM\_001318095.1 |
| 　 | Reverse: 5’-GGATTCAATGAGGAGACTTGC-3’ | NM\_000600.4 |
| *ACTB* | Forward: 5’-AGAGCTACGAGCTGCCTGAC-3’ | NM\_001101.3 |
| 　 | Reverse: 5’-AGCACTGTGTTGGCGTACAG-3’ | 　 |