

**Supplementary Table 1.** Primer sequences used for qRT-PCR amplification.

| Gene                           | Accession number | Primer sequence 5' to 3'                                                 |
|--------------------------------|------------------|--------------------------------------------------------------------------|
| <i>GAPDH</i>                   | NM_008084.2      | Forward, GACCTCAACTACATGGTCTACA<br>Reverse, ACTCCACGACATACTCAGCAC        |
| <i>PPAR<math>\gamma</math></i> | NM_001127330.1   | Forward, CCAACTTCGGAAGTCAGCTCTG<br>Reverse, AACCTGATGGCATTGTGAGACA       |
| <i>Srebp1</i>                  | NM_011480.3      | Forward, GGCACTAAGTGCCCTCAACCT<br>Reverse, GCCACATAGATCTCTGCCAGTGT       |
| <i>Acaca</i>                   | NM_133360.2      | Forward, TAACAGAATCGACACTGGCTGGCT<br>Reverse, ATGCTGTTCCCTCAGGCTCACATCT  |
| <i>Fasn</i>                    | NM_007988.3      | Forward, GCAGCAAGTGTCCACCAACAA<br>Reverse, CTCATCGGAGCGCAGGATAGA         |
| <i>Scd1</i>                    | NM_009127.4      | Forward, GATAGAGCAAGTCCCCGTTG<br>Reverse, CCTGCATTAACCCCTTCAC            |
| <i>Hmgcr</i>                   | NM_008255.2      | Forward, CAGCTTACAGAGCCAATGATGGAG<br>Reverse, AGCCCATAAATGATTCAAGTCACCAA |
| <i>PPAR<math>\alpha</math></i> | NM_011144.6      | Forward, CCTCAGGGTACCACTACGGAGT<br>Reverse, GCCGAATAGTTCGCCGAA           |
| <i>Cpt1</i>                    | NM_031559        | Forward, CACTGGCCGAATGTCAAG<br>Reverse, TGCAAACATCCAGCCGTG               |
| <i>Cpt2</i>                    | NM_009949        | Forward, GACAGCCAGTTCAGGAAGACAG<br>Reverse, TATTCTGTTTATCCTGAGCGAGC      |
| <i>Slc25a20</i>                | NM_020520        | Forward, GAGAGGGCATCACAGGGCT<br>Reverse, CTTCCCCAGACCAAACCCA             |
| <i>Gck</i>                     | NM_010292        | Forward, TGGACAAGCATCAGATGAAACA<br>Reverse, TGGACAAGCATCAGATGAAACA       |
| <i>Pck1</i>                    | NM_011044.2      | Forward, GTGTTTGTAGGAGCAGCCATGAGA<br>Reverse, GCCAGGTATTTGCCGAAGTTGTAG   |
| <i>Bmal1</i>                   | NM_007489.4      | Forward, AAGTGCAACAGGCCTTCAGT<br>Reverse, GGTGGCCAGCTTTTCAAATA           |
| <i>Per1</i>                    | NM_011065.4      | Forward, CCCAGCTTTACCTGCAGAAG<br>Reverse, AGCTGGGGCAGTTTCCTATT           |
| <i>Cry1</i>                    | NM_007771.3      | Forward, AGCTGGGGCAGTTTCCTATT<br>Reverse, CATCTCGTTCCTTCCCAAAA           |
| <i>Dec1</i>                    | NM_011498.4      | Forward, GACCGGATTAACGAGTGCAT<br>Reverse, TCAATGCTTTCACGTGCTTC           |
| <i>mTOR</i>                    | NM_020009.2      | Forward, GTCCGCCTTCACAGATACCC<br>Reverse, TGATGTCAAGTACACGGGGC           |

qRT-PCR: quantitative real-time PCR.