**Supplementary Table 2. Primer sequences**

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| Gene name | Forward primer | Reverse primer |
| Acl | CATCGGCCATCGAGTAAAAT | TCCACTTCCAGGGCATAGTC |
| Actinb | CTAAGGCCAACCGTGAAAAG | ACCAGAGGCATACAGGGACA |
| Atgl | TACTGTGGCCTCATTCCTCC | GGGGACACTGTGATGGTATTC |
| Cpt1a | TGCCTCTATGTGGTGTCCAA | AAACAGTTCCACCTGCTGCT |
| Ddit3 | GGAGGTCCTGTCCTCAGATG | GGACGCAGGGTCAAGAGTAG |
| Fasn | GTTGGGGGTGTCTTCAACCT | CAGCTCAGGGCAGGCTTC |
| Gapdh | TGAAGGTCGGTGTGAACG | CCATTCTCGGCCTTGACT |
| Gck | TGGTGGATGAGAGCTCAGTG | CCTCTCCGTGGAACAGAAGA |
| Glut4 | ACGGTCTTCACGTTGGTCTC | CTCAAAGAAGGCCACAAAGC |
| Hsl | TCATGGCTCAACTCCTTCCT | CTGCCTCAGACACACTCCTG |
| Hspa5 | GCTTCCGATAATCAGCCAAC | GCAGGAGGAATTCCAGTCAG |
| Nr1h3 | GAGAGCATCACCTTCCTCAAG | GCTCATTCATGGCTCTGGAG |
| Pck | ATGAAGTTTGATGCCCAAGG | CGTTGGTGAAGATGGTGTTTT |
| Ppara | TGACATTTCCCTGTTTGTGG | CTTAAGCACGTGCACAATCC |
| Srebf1 | TTCCATTGACAAGGCCATGC | TACCTGGACTGAAGCTGGTG |