

Supporting Information

Table S1. Genes and corresponding primer sequences used for qRT-PCR.

| Abbreviation | Gene name | 5'prime | 3'prime |
|---------------|--|---------------------------|-----------------------|
| <i>Srebf1</i> | Sterol regulatory element-binding transcription factor 1 | GGAGCCATGGATTGCACATT | GCTTCCAGAGAGGAGCCCAG |
| <i>Acaca</i> | Acetyl-Coenzyme A carboxylase alpha | TGCTGCCCCATCCCCGGG | TCGAACTCTCACTGACACG |
| <i>Fasn</i> | Fatty acid synthase | CTTCGCCAACTCTACCATGG | TCCACACCCATGAGCGAGT |
| <i>Scd-1</i> | Stearoyl-CoA desaturase-1 | GATGTTCCAGAGGAGGTACTACAAG | ATGAAGCACATCAGCAGGAGG |
| <i>Dgat-1</i> | Diacylglycerol acyltransferase-1 | GGTGCCATCGTCTGCAAGA | CCACCAGGATGCCATACTTGA |
| <i>Hmgcr</i> | 3-Hydroxy-3-Methylglutaryl-Coenzyme A reductase | ATCATCCTGACGATAACGCG | GCCAGCAATACCCAGAATGT |
| <i>Pck-1</i> | Phosphoenol pyruvate carboxykinase-1 | CCACACCATTGCAATTATGC | CATATTTCTTCAGCTTGCGG |
| <i>Hk2</i> | Hexokinase 2 | AGAGAACAAGGGCGAGGAG | GGAAGCGGACATCACAATC |
| <i>Hk4</i> | Hexokinase 4 | CAAGAGGAGAGGGGACTTTG | TTGGCGGTCTTCATAGTAGC |
| <i>Pfkl</i> | Phosphofructokinase, liver, B-type | GCCTATCTCATCCAGCTACG | CTTGCTACTCAGGATTCGGT |
| <i>Pklr</i> | Pyruvate kinase liver and red blood cell | GAGTCTTCCCCTTGCTCTACC | CCTGTCACCACAATCACCA |
| <i>Tbp</i> | TATA-box binding proten | ACCCTTCACCAATGACTCCTATG | ATGATGACTGCAGCAAATCGC |