**Supplementary Table 1.** Primer sequences used for gene expression analysis.

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| --- | --- | --- | --- | --- |
| **gene** | **protein** | **directionnn** | **Sequences** | **Bp** |
| **Pgp** | Phosphoglycolate phosphatase | 5' > | CCTGGACACAGACATCCTCCT | 100 |
| > 3' | TTCCTGATTGCTCTTCACATCC  |
| **Fasn** | Fatty acid synthase | 5' > | CCCGTTGGAGGTGTCTTCA | 117 |
| > 3' | AAGGTTCAGGGTGCCATTGT |
| **Cox 4i1** | Cytochrome C oxidase subunit 4 isoform 1 | 5' > | AGATGTAGACACCCGAGCCT | 172 |
| > 3' | TGTTAGGCCCCCTACTGTGA |
| **Hmgcs2** | Hydroxymethyl-glutaryl-CoA synthase 2, mitochondrial | 5' > | CAACCTCTTCCCAGGCACTT | 108 |
| > 3' | CCGGGGAATGGTTGTATGGA |
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|  |  |
| --- | --- |
| ***CPT1a***  | *Carnitine O-palmitoyltransferase 1, liver isoform* |

 | Carnitine O-palmitoyl-transferase 1, liver isoform | 5' > | CCGCTCATGGTCAACAGCA | 105 |
| > 3' | CAGCAGTATGGCGTGGATGG |
| ***Srebf2*** | Sterol regulatory element-binding protein 2 | 5' > | ACCGTTTAGCAGCCACAGCA | 121 |
| > 3' | CCACAACCCTGACCAACACC |
| **Pparα** | Peroxisome proliferator activated receptor alpha | 5’ > | GCACAATCCCCTCCTGCAAC | 124 |
| > 3’ | TTCAATGCCCTCGAACTGGA |
| **Uqcrc1** | Ubiquinol-cytochrome C reductase Core Protein 1 | 5’ > | TCGCAGCCTCCTGACTTATG | 78 |
| > 3’ | ATCTGGGCATCCACCTCCT |
| **PPIA** | Peptidylprolyl isomerase A (cyclophillin A) [housekeeping gene] | 5' > | CTGAGCACTGGGGAGAAAGGA | 87 |
| > 3' | GAAGTCACCACCCTGGCACA |