Supplementary table 1- Primer sequences used in this study.

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|  | Sequences (5' to 3') |  |
| sense | anti-sense |
| H19 | TGACTTCATCATCTCCCTCCTGTC | GGGTAAATGGGGAAACAGAGTCAC |
| hnRNPA1 | ATGTCTAAGTCCGAGTCTCCCA | TGTTAGTGTTCCCCATTGCTC |
| CPT1b | ATCATGTATCGCCGCAAACT | CCATCTGGTAGGAGCACATGG |
| CD36 | TGTGTTTGGAGGCATTCTCA | TGGGTTTTGCACATCAAAGA |
| PGC1a | GGACATGTGCAGCCAAGACTCT | CACTTCAATCCACCCAGAAAGCT |
| PPARa | CTCTGTGTGGATGCGGAAGAT | TCCAGACTTCCAACATGAGGA |
| SCD1 | AGGGCAGGTTTCCAAGCGCA | ACTGGAGATCTCTTGGAGCATGTGG |
| TFAM | GGCACAGGAAACCAGTTAGG | CAGAACACCGTGGCTTCTAC |
| NRF1 | CTACTCGTGTGGGACAGCAA | AATTCCGTCGATGGTGAGAG |
| PDK4 | ATCTAACATCGCCAGAATTAAACC | GGAACGTACACAATGTGGATTG |
| SIRT1 | TGTGGTGAAGATCTATGGAGGC | TGTACTTGCTGCAGACGTGGTA |
| ACTIN | GAGACCTTCAACACCCCAGC | ATGTCACGCACGATTTCCC |