Table S1 Primers used in quantitative RT-PCR analysis

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| Target gene | Forward (5’ to 3’) | Reverse (5’ to 3’) |
| mCidea | cagtctgcaagcaaccaaag | tcgtacatcgtggctttgac |
| mG6Pase | atgactttgggatccagtcg | tggaaccagatgggaaagag |
| mHSL | ACACAAAGGCTGCTTCTACG | TCGTTGCGTTTGTAGTGCTC |
| mLPL | CATTGACTCCCTGCTGAATG | AGCCCTTTCTCAAAGGCTTC |
| mPPARγ | CTGGCCTCCCTGATGAATAA | GGCGGTCTCCACTGAGAATA |
| mPEPCK | atcatctttggtggccgtag | atcttgcccttgtgttctgc |
| mMCP-1 | tgtaattcccttgcctggtc | tcagggtttctgaggtaggttc |
| mTNF-α | TCGTAGCAAACCACCAAGTG | CTTTGAGATCCATGCCGTTG |
| mF4/80 | ataccctccagcacatccag | agtttgccatccggttacag |
| mFAS | AGTATAAGCCAAGGCCAAG | CAATGATGTGCACAGACACC |
| mACC-α | TCTATTCGGGGTGACTTTCG | TGCACTTTCTCTGCGATCAG |
| mUCP-1 | TCAGCCGGCTTAATGACTG | TGCATTCTGACCTTCACGAC |
| mUCP-2 | ACAAGACCATTGCACGAGAG | ATGAGGTTGGCTTTCAGGAG |
| mUCP-3 | CAACGGTTGTGAAGTTCCTG | TGTCCAGGGGAAAAGTGAG |
| mPGC-1α | ATGTGTCGCCTTCTTGCTC | TGTCTGTAGTGGCTTGATTC |
| mCPT-1α | ATGTGGACCTGCATTCCTTC | TCCTTGTAATGTGCGAGCTG |
| mGAPDH | TCAAGAAGGTGGTGAAGCAG | AAGGTGGAAGAGTGGGAGTTG |

Cidea, cell death-inducing DNA fragmentation factor, α subunit-like effector A; G6Pase, glucose-6-phosphatase; HSL, hormone sensitive lipase; LPL, lipoprotein lipase; PPARγ, peroxisome proliferator-activated receptor γ; MCP-1, monocyte chemotactic protein-1; PEPCK, phosphoenolpyruvate carboxykinase 1; TNF-α, tumor necrosis factor-α; FAS, fatty acid synthase; ACC-α, acetyl-CoA carboxylase-α; UCP, uncoupling protein.