

Supplementary Table 2. Sequences of primers¹ used in gene expression analysis

Gene	Forward Primer (5'-3')	Reverse Primer (5'-3')
B3AR	5'- CGCCTTCAACCCGGTCACTACTG -3'	5'- GGTGGACTCTGCCTGGCTTCAAC -3'
CEBPA	5'- GGGTGGCGGGGCTGACTTTGACTAC -3'	5'- CGCGCTCGTACAGGGGCTCCAG -3'
CEBPD	5'- TCGCCGACCTTCAACAGCAACC -3'	5'- GTCGCCGTCGCCCCAGTCG -3'
CD36	5'- CCGGTGTGGTGGCTGCTTCTC -3'	5'- GCTGCCATCTCCCCGCCATAAATG -3'
CPT1B	5'- CGAGAGGGGCGGACTGAGACTG -3'	5'- GGCTAGGCGGTACATGTTTTGGTG -3'
CRH	5'-GGAATGGCCCGGGCAGAGCAG-3'	5'-TGGCCAAGCGCAACATTTCAATTC-3'
FASN	5'- TCCACCTTTAAGTTGCCCTG -3'	5'- TCTGCTCTCGTCATGTCACC -3'
FATP1	5'- CCGGTGTGGTGGCTGCTTCTC -3'	5'- GCTGCCATCTCCCCGCCATAAATG -3'
FGF21	5'-AGCGCAGCCCTGATG-3'	5'-TCAGGGATGGGGTAT-3'
GCCR	5'- ACCTGACTTCTTGGGGGCTATGA -3'	5'- CAGGCAGAGTTTGGGAGGTGGTC -3'
GLUT4	5'- GGCCCTGCCGAAAGAGTC -3'	5'- AGGAGCTGGAGCAAGGAC -3'
HSD11B1	5'- CCTTGGCTGGGAAAATGACC -3'	5'- CTATGAGGCCAAGGACACAGAGAG -3'
INSR	5'- GATTTCCCAACGTCTCCTCTAC -3'	5'- CAATGCGGTACCCAGTGAAGTG -3'
IRS1	5'- GCGCAGGCACCATCTCAACAACC -3'	5'- GCACGCACCCGGAAGGAACC -3'
LEP	5'- CCCCGCACCCGCTGGAAGTAC -3'	5'- ATGTGCCCTGAAATGCGGTAT -3'
LPL	5'- TGCTCCCAACAATATAAGACTCC -3'	5'- AAGGCCAGGTGTTCAATC -3'
NPY	5'- CTCGCTCTGCGACACTACA -3'	5'- AATCAGTGTCTCAGGGCTGGA -3'
ObR	5'- GACCACCGAACACAACCGATGAC -3'	5'- ACACCTAGCTGGCGAAAACTGAAG -3'
PPARA	5'- ATGGGGGTGATCGGAGGCTAATAG -3'	5'- GGGTGGCAGGAAGGGAACAGAC -3'
PPARG	5'- TCAGGTTTGGGCGGATGC -3'	5'- TCAGCGGGAAGGACTTTATGTATG -3'
POMC	5'- GGGCAAGCGCTCCTACTCCATG -3'	5'- CTCGCCTTCCAGCTCCCTCTTG -3'
UCP3	5'- ACAGGCCACACGGTCCAGAACC -3'	5'- CCCATCAGGTCAAGTCAAAAACAGAGG -3'
V1A	5'-CTAACAAACCGAAGCCCAACAAAC-3'	5'-ACACAAGCCCCGTCCAAGAGTC-3'
Reference Genes		
18-S	5'- AGGACCGCGTTCTATTTTGTGG -3'	5'- ATGCTTTCGCTCTGGTCCGCTCTG -3'
ACTB	5'- AGAGGGAAATCGTGCGTGAC -3'	5'- CAATAGTGATGACCTGGCCGT -3'
YWHAZ	5'- CGGAGCTGCGTGACATCTGC -3'	5'- CCTCGCCAAGTAACGGTAGTAG -3'

¹ B3AR, Beta-3 Adrenergic Receptor; CEBPA/D, CCAAT/Enhancer Binding Protein alpha/delta; CD36, fatty acid translocase CPT1/B, Carnitine Palmitoyltransferase B; CRH, corticosterone hormone; FABP1, Fatty Acid Binding Protein 1; FASN, Fatty Acid Synthase; FATP1, Fatty Acid Transport Protein 1; FGF21, fibroblast growth factor; GCCR, Glucocorticoid Receptor; GLUT4, glucose transporter 4; HSD11B1, Hydroxysteroid (11-beta) Dehydrogenase 1; INSR, insulin receptor; IRS1, insulin receptor substrate 1; LEP, Leptin; LPL, Lipoprotein Lipase; NPY, Neuropeptide Y; ObR, Leptin Receptor; PPARA/G, Peroxisome Proliferator-Activated Receptor alpha/gamma; POMC, Pro-opiomelanocortin; UCP 3, Uncoupling Protein 3; V1A, arginine vasopressin receptor 1a
18-S, 18-S ribosomal RNA; ACTB, Beta Actin; YWHAZ, Tyrosine 3-monooxygenase/ Tryptophan 5-monooxygenase Activation Protein Zeta Polypeptide