

**Supplementary Table 1.** Primer sequences used in this study

Primer	Sequence
<i>Acc</i>	Forward 5'-TGAGATTGGCATGGTAGCCTG-3'
	Reverse 5'-CTCGGCCATCTGGATATTCAG-3'
<i>Fas</i>	Forward 5'-AAGCGGTCTGGAAAGCTGAA-3'
	Reverse 5'-AGGCTGGGTTGATACCTCCA-3'
<i>Cd11c</i>	Forward 5'-CTGGATAGCCTTCTTCTGCTG-3'
	Reverse 5'-GCACACTGTGTCCGA ACTCA-3'
<i>Mcp1</i>	Forward 5'-AGCACCAGCCAACTCTCAC-3'
	Reverse 5'-TCTGGACCCATTCCTTCT TG-3'
<i>Ucp1</i>	Forward 5'-AGGCTTCCAGTACCATTAGGT-3'
	Reverse 5'-CTGAGTGAGGCAAAGCTGATT T-3'
<i>Dio2</i>	Forward 5'-TTGGGGTAGGGAATGTTGGC-3'
	Reverse 5'-TCCGTTTCCTCTTCCGGTG-3'
<i>Cidea</i>	Forward 5'-TCCTCGGCTGTCTCAATG-3'
	Reverse 5'-TGGCTGCTCTTCTGTATCG-3'
<i>Pgc1α</i>	Forward 5'-GTCAACAGCAAAAGCCACAA-3'
	Reverse 5'-GTGTGAGGAGGGTCATCGTT-3'
<i>Tmem26</i>	Forward 5'-ACCCTGTCATCCCACAGAG-3'
	Reverse 5'-TGTTTGGTGGAGTCCTAAGGTC-3'
<i>Sirt1</i>	Forward 5'-GATGACGATGACAGAACGTCACA-3'
	Reverse 5'-GGATCGGTGCCAATCATGAG-3'
<i>Cox2</i>	Forward 5'-ACCGAGTCGTTCTGCCAATA-3'
	Reverse 5'-TAAGTCCTAGTGAGGGGACGG-3'
<i>Cpt1a</i>	Forward 5'-GGGAGGACAGAGACTGTACGCTC-3v
	Reverse 5'-TGTAGGAAACACCATAGCCGTCAT-3'
<i>Acad</i>	Forward 5'-TGACGGAGCAGCCAATGA-3'
	Reverse 5'-TCGTCACCCTTCTTCTGCTT-3'
<i>Acs1</i>	Forward 5'-CTGGTTGCTGCCTGAGCTTG-3'
	Reverse 5'-TTGCCCTTTCACACACACC-3'
<i>Gapdh</i>	Forward 5'-TGCCTCCTGCACCACCAACT-3'
	Reverse 5'-CCCCTCAGCTCAGGGATGA-3'

*Acc*, acetyl-CoA carboxylase; *Fas*, fatty acid synthase; *Mcp1*, monocyte chemoattractant protein 1; *Ucp1*, uncoupling protein 1; *Dio2*, type 2 selenodeiodinase; *Pgc1α*, peroxisome proliferator-activated  $\gamma$  coactivator 1 $\alpha$ ; *Tmem26*, transmembrane protein 26; *Sirt1*, sirtuin 1; *Cox2*, cytochrome c oxidase subunit II; *Cpt1a*, carnitine palmitoyl-transferase 1a; *Acad*, acyl-coenzyme A dehydrogenase; *Acs1*, acyl-CoA synthetase long-chain family member 1; *Gapdh*, glyceraldehyde 3-phosphate dehydrogenase.