

Table S1: Primers used for qPCR.

Gene	Forward primer (5' - 3')	Reverse primer (5' - 3')
common adipocyte genes		
<i>AdipoQ</i>	GCACTGGCAAGTTCTACTGCAA	GTAGGTGAAGAGAACGGCCTTGT
<i>Pparγ</i>	GTGCCAGTTTCGATCCGTAGA	GGCCAGCATCGTGTAGATGA
<i>Fabp4</i>	ACACCGAGATTTCTTCAAACCTG	CCATCTAGGGTTATGATGCTCTTCA
thermogenic genes		
<i>Prdm16</i>	CAGCACGGTGAAGCCATTC	GCGTGCATCCGCTTGTG
<i>Ebf2</i>	GCTGCGGGAACCGGAACGAGA	ACACGACCTGGAACCGCCTCA
<i>Cidea</i>	TGCTCTTCTGTATCGCCCAGT	GCCGTGTTAAGGAATCTGCTG
<i>Pgc1α</i>	CCCTGCCATTGTTAAGACC	TGCTGCTGTTCTGTGTTTC
<i>Ucp1</i>	ACTGCCACACCTCCAGTCATT	CTTTGCCTCACTCAGGATTGG
<i>Dio2</i>	CAGTGTGGTGACGTCTCCAATC	TGAACCAAAGTTGACCACCAG
<i>Cox5b</i>	GCTGCATCTGTGAAGAGGACAAC	CAGCTTGTAATGGGTTCCACAGT
<i>Cox7a1</i>	CAGCGTCATGGTCAGTCTGT	AGAAAACCGTGTGGCAGAGA
<i>Cox8b</i>	GAACCATGAAGCCAACGACT	GCGAAGTTCACAGTGGTTCC
<i>Cyts</i>	GCAAGCATAAGACTGGACCAAA	TTGTTGGCATCTGTGTAAGAGAATC
beige adipocyte selective genes		
<i>CD137</i>	CGTGCAGAACTCCTGTGATAAC	GTCCACCTATGCTGGAGAAGG
<i>Tmem26</i>	ACCCTGTCATCCCACAGAG	TGTTTGGTGGAGTCCTAAGGTC
white-selective genes		
<i>Retn</i>	CTGTCCAGTCTATCCTTGACAC	CAGAAGGCACAGCAGTCTTGA
<i>Leptin</i>	GAGACCCCTGTGTCGGTTC	CTGCGTGTGTGAAATGTCATTG
reference gene		
<i>β-actin</i>	CGTGAAAAGATGACCCAGATCA	CACAGCCTGGATGGCTACGT