

Supplemental Table S1. Oligonucleotide primers for qRT-PCR.

Each primer pair listed amplifies a single cDNA based on the derivative of the thermal dissociation curve of each qRT-PCR product using VAT, SAT, and/or BAT cDNA.

Endogenous Controls	Forward	Reverse
Bactin	5' ACCTTCCAGCAGATGTGGAT 3'	5' TAGAAGCACTTGCGGTGCACGA 3'
SDHA-S3	5' CTCTTTCCTACCCGATCACATAC 3'	5' CCATCTCCAGTTGCTCTCTC 3'
Figure 4A		
ADIPOq	5' CCGGGACTCTACTACTTCTCTT 3'	5' TTCCTGATACTGGCTAGGT 3'
PPARG2	5' CAGGCTTCCACTATGGAGTTC 3'	5' GGCAGTTAAGATCACACCTATCA 3'
FABP4	5' GCTCCTCCTCGAAGGTTTAC 3'	5' CCCACTCCCATTCTTTCAT 3'
LEP	5' TGAGGGTAGAGGATGTGTTAGA 3'	5' GTGGCCACAGAGGTAAGAAA 3'
EDNRB	5' GGTGGCTGTT'CACTTCTACT3'	5' ATCTGCATACCGCTCTTCTC3'
Figure 4B		
IKZF1	5' AAGAGCGATGCCACAACACTAC 3'	5' GGACCTCTCTGCTCTATCTT 3'
PCAM1	5' CACCCATCACTTACCACCTTATG 3'	5' TGTCTCTGGTGGGCTTATCT 3'
FAM132A	5' TGCACCAGGGATCTCACTA 3'	5' CAGCCAGCAGAGCTAACAA 3'
RETN	5' GACAGGAGCTAATACCCAGAAC 3'	5' CAGTTCAGGGACAAGGAAAGAA 3'
SERPINF1	5' GGAGTGCAGATCTCTTTAGC 3'	5' CCTCCTCATTCACTTCCACATAG 3'
TNFα	5' TTGTCTACTCCAGGTTCTCT 3'	5' GAGGTTGACTTTCCTCGGTATG 3'
SERPINE1	5' GGGACGAACTGGAGATGTTAT 3'	5' GGGATGCTGGTTGGAAAGA 3'
CD144	5' CATCTAGGGTTCTGGTCTTTGG 3'	5' CTGGTGTCACTCCTTGGAAAT 3'
ET1	5' GACCATCTGTGTGGCTTCTAC 3'	5' GGAACACCTCAGCCTTCTT 3'
Figure 4C		
ILF3	5' CTTCCCTTCAGATGCCACTAC 3'	5' CATATTTGAGGCCACGTCTCT 3'
Figure 4D		
GATA2	5' ATACCCACCTATCCCTCTATG 3'	5' AGCCTTGCTCTCTGCTTAG 3'
KLF2	5' GGCTAGATGCCTTGAGAAA 3'	5' TGCCATCGTCTCCCTTATAGA 3'
IHH	5' CCATCACTCAGAGGAGTCTTTAC 3'	5' CGCCAGCAGTCCATACTTATT 3'
VEGFA	5' AGGCTGCTGTAAACGATGAAG 3'	5' TCTCCTATGTGCTGGCTTTG 3'
CEBPA	5' GGTTCCTGGGTGAGTTCAT 3'	5' AACCTAGGTCTCTGTCTCTAC 3'
Figure 4E & 4F		
UCP1	5' CACTGTCTGTCTGGACTTCATC 3'	5' CAAAGGGTTTGTGGCTTCTT 3'
PRDM16	5' ACCTGCCACAGCAAAGAA 3'	5' CCATCCAAGCAGAGAAGTAGAC 3'
Figure 5A		
TET1	5' CTGAAGATGACAAGCAGCAAAC 3'	5' GGTGTGTGTCAGTGGGTAAA 3'
TET2	5' CTCATGCCTCGGGTTCATATT 3'	5' CTGGCACACTCCCATTGTAT 3'
TET3	5' CTTCCCTCCTTGGCTACTATG 3'	5' GAGGTCTGGCTTCTCTCAA 3'
TDG	5' CCACGAATAGCGGTGTTAATG 3'	5' GAGTTTCTGTCTGGGATCTT 3'
DNMT1	5' CCATCTTCTTGTCTCCCTGTATG 3'	5' GGTGCTTTTGTCTTCTCCTT 3'
DNMT3A	5' GTCTCAACAGCACCATTCTT 3'	5' TGTGGTAGGCACCTGAAATAC 3'
GADD45B	5' GTGAAGAGAGCAGAGGCAATAA 3'	5' CGACAGTTGCTTTAGATGTTTGG 3'
GADD45A	5' GATGACTTTGCAGAGGGAGAG 3'	5' CTTTCTTGCAGTGCCTTGTAGTT 3'
Figure 5B		
KAT2B	5' AGGAGACCTCCAGCAGATAAT 3'	5' CCATCTCTTCTCTGACACATTC 3'
KDM4A	5' ATTTGGAGCCTTCACTCAGAG 3'	5' CAGTGGTGGTAAAGCACATTTT 3'
PRMT1	5' TGGAGGACTACCTAACAGTGAA 3'	5' GAAGTCCAGGTCGATGGTAAAG 3'
CARM1	5' GCGGATTTGCACAGGATAGA 3'	5' GGAGCCAATGAAAGCAACATC 3'
PRMT5	5' GAACTCTGAAGCGGCTATGT 3'	5' CTGGCCAGATTCGTGTTATCT 3'
PAXIP1	5' GCTAACATCCAGCCTTCTTCT 3'	5' ACCCAGTGAAGAGCACTAAAG 3'
ARID1A	5' TATGGAGGTCCTTACGACAGAG 3'	5' GGGTGAAGGCATGAGATTT 3'
SETDB1	5' CGCCTGGAACCTATGTTTAGT 3'	5' CTCCTCACAGCACCATATTAG 3'
Figure S8 A-E		
mRFP	5' CCGTAATGCAGAAGAAGACCA 3'	5' CTTCAGCTTCAGCCTCATCTT 3'