

Table S3. The primers for qPCR

Name	Sequence
UCP3	F: CAACAGGAAGTACAGCGGGA R: GTGATGTTGGGCAGAATTCCTTT
PDK4	F: GGCAGCAGTGGTCCAAGAT R: CGACTGTAGCCCTCATTGCA
CIDEA	F: GTCAAGGCCACCATGTACGA R: AGCATTCGGAGCATGTACGT
EBF2	F: AACAACGGCACCCTACTACAA R: TATGGGCTGCTTGGTGA CTG
DIO2	F: CCTCTTCCTGGCGCTCTATG R: GTAGGCATCGAGGAGGAAGC
CD137	F: ACTGTGCTGCTGGTCATGAA R: AACACCTTCACACTTCCTGCA
ADCY5	F: CAGACATCAACGCCAAGCAG R: AAGCCCTCGATGTCAGCAAA
LEPTIN	F: TGGCCCTATCTGTCCTACGT R: TGGACAGACTCAGGACAGGA
TCF21	F: AGGCTCAAGACCACACTGC R: TCTTTCAGGTCACTTTCGGGTT
ADIPOQ	F: AGATTGGCTGGTTGATGCTCA R: AAACCAGATGTCACACTTGCC
FABP4	F: GGCCAAACCCAACCTGATCA R: CATCCCCTTCTGCACCTGT
PPARG	F: GTCATGGGTGAAACTCTGGGA R: TGTCAACCATGGTCACCTCTTG
ITGA2	F: GGCCTCCCAGAAGCAAAGAT R: TCTCCCATTCGGTTCTCAGGA
HMGA1	F: GGAAAAGGACGGCACTGAGA R: CTTCTGACTCCCTACCAGCG
HMGA2	F: AAGAGTCCCTCCAAAGCAGC R: CACCCATTTCCTAGGTCTGCC
HMGB1	F: TTTGAAGACATGGCAAAGGCG R: AAAACAAGAAAAAGGCCGAAGGAG
HMGB2	F: CAAGGGTGACAAGAAGGGCA R: CTTTGGGCGATGTTTCAGAGC
BMP2	F: CCTACATGCTGGACCTGTACC R: TTAAAGAAGAAGCGCCGGGT

CTCF	F: TAGTGGAGAATTGGTGCGGC R: GTGTCCCTGCTGGCATAACT
AMCF-II	F: AGGCGGCTGTAGTGAGAGA R: CCATTCTTCAGGGTGGCTATCA
KIF18A	F: CTGCTGAACCTGGAGTGATGTA R: ACCCTTGAACGACTACCCCT
ANKZF1	F: CAGCGATGATAATGAGGGGGCT R: AGGTCTCGTTTCCTCTCCCT
SEMA3A	F: CAGAAGGGATGAATGCAAGTGG R: GCAAATTGGATGAAAAGCCCCA
CNN1	F: AGCCCCACGACATCTTTGAA R: CCACGTTACCTTGTTCCCT
IGFBP5	F: GTTTGCCTCAACGAAAAGAGCT R: TCAGCTTCTTTCTGCGGTCC
COL1A1	F: CATGACCGAGACGTGTGGAA R: GGACAGTTCTTGATTTCTGTCGC
RIMKLB	F: GGACATTTCAAGAGTTGGCAGG R: CACGTACATCCCTTCCATGAGA
COL11A1	F: AACTCAGTGCCCCAACGAAA R: ATCGCCCCAACCTCAATACCG
STC2	F: GCAGAACACAGCGGAAATCC R: TCCCATGTAAGCCCCGAATC
HSPB6	F: TGAGCACGGATACATCGCG R: GATGGACAGGACGCCTTCAG
ZNF423	F: GCGCTCGGTGAAAGTTGAAG R: TCACGCTGTTCTGTCTTCC
ADGRD1	F: GAACATTGGCATCCTCATCGC R: CAGCAAGCACACCAAAGAGC
18S	F: GTAACCCGTTGAACCCCAT R: CCATCCAATCGGTAGTAGCG
