

Table S1. Primers

mouse primers for Real-time PCR		
Gene name	Forward Primer 5'-3'	Reverse Primer 5'-3'
ATF3	5'CTCCTgggTCACTggTATTTg3'(21)	5'CCgATggCAGAggTgTTTAT3'(20)
C/EBP α	5'TggACAAgAACAgCAACgAgTAC3'(23)	5'gCAGTTgCCCATggCCTTgAC3'(21)
PPAR γ 2	5'TggAgCCTAAgTTTgAgTTTgC3'(22)	5'CAggTTgTCTTggATgTCCTC3'(21)
FABP4	5'gCTCCTCCTCgAAggTTTAC3'(20)	5'CCCACTCCCACTTCTTTCAT3'(20)
Resistin	5'CTAAgCTgAgggTCTggAAATg3'(22)	5'CACACACCCTTCTCCACTAAAg3'(22)
FAS	5'AgACCCgAACTCCAAGTTATTC3'(22)	5'gCAGCTCCTTgTATACTTCTCC3'(22)
SCD1	5'ggTggAAGAAgTgAgCgAATAg3'(22)	5'gCgTgggCAGgATgAAg3'(17)
ChREBP	5'TgTTCAGCATCCTCATCCgACCTT3'(24)	5'TgAgTTggCgAAgggAATTCAGgA3'(24)
ATGL	5'TAgCTAACAgTTgggCTTCAC3'(21)	5'CAGAgAgAACAgAgCAGCTTAC3'(22)
HSL	5'CATCAACCACTgTgAgggTAAg3'(22)	5'AAgggAggTgAgATggTAACT3'(21)
MGL	5'gACAgAAAgAgTgTgggAAgAg3'(22)	5'CTgAgCACAgTAGTCTggAATg3'(22)
Cpt1 α	5'gAAgTgTCggCAGACCTATTT3'(21)	5'gTCCTCCTCTCTATATCCCTgTT3'(23)
HSP70	5'TggTgCTgACgAAgATgAAg3'(20)	5'CgCTgAgAgTCgTTgAggTAG3'(21)
UCP1	5'gAggTCgTgAAggTCAGAAAg3'(21)	5'AAgCTTTCTgTggTggCTATAA3'(22)
Zic1	5'ATATgCgCCAACCCATCAA3'(19)	5'TCgTgCATggTgCTgAAA3'(18)
CIDEA	5'gCAACCAAAgAAATCgggAATAg3'(23)	5'CTCgTACATCgTggCTTTgA3'(20)
Elovl3	5'TACATCTggAggCAGgAgAA3'(20)	5'ggTggAAgAAgTgAgCgAATAg3'(22)
Tbx1	5'CCCgATTCCATgTTgTCTATgT3'(22)	5'gTgAAgCgTgTCTCCTCAAA3'(20)
Cox4-1	5'AgTTgTACCgCATCCAgTTT3'(20)	5'gCAGTgAAgCCAATgAAgAAC3'(21)
Cox4-2	5'ACgAATggAAgACAgTgATgg3'(21)	5'gTCAGggTgACAACCTTCTTAG3'(22)
CHOP	5'CCCAGgAAACgAAgAggAAg3'(20)	5'gAACTCTgACTggAATCTggAg3'(22)
GAPDH	5'ggAgCCAAACgggTCATCATCTC3'(23)	5'gAggggCCATCCACAgTCTTCT3'(22)
mouse Primers for ChIP assay.		
CEBPα promoter	Forward Primer 5'-3'	Reverse Primer 5'-3'
Primer 1	5'CgCCgCCggggTggggCTgAgC3'	5'TggTgTCCAAACgggTCTCggA3'
Primer 2	5'CAgCAGACCTCCCTAACAgTTT3'	5'gCACCCCgAAgACCGCggCTTC3'
Primer 3	5'CTTTggTgTCCCCCTCTATgAT3'	5'TCTCCAgTCgCTgACAgAATCC3'