

Supplementary Materials for

**Berberine modulates deacetylation of PPAR γ to promote
adipose tissue remodeling and thermogenesis via
AMPK/SIRT1 pathway**

Table 1

Primer sequences	
Pgc-1 α forward	GGATATACTTTACGCAGGTCTGA
Pgc-1 α reverse	CGTCTGAGTTGGTATCTAGGTC
Ucp1 forward	ATTCAGAGGCAAATCAGCTTTG
Ucp1 reverse	GTGTTTCTCTCCCTGAAGAGAA
Cidea forward	CAATGTCAAAGCCACGATGTAC
Cidea reverse	CTGTGCAGCATAGGACATAAAC
Prdm16 forward	CAACAAAGAGAAGCCGTTCAAG
Prdm16 reverse	TTTCGGATCTCGGAGAAGTAAG
Dio2 forward	AATTATGCCTCGGAGAAGACCG
Dio2 reverse	GGCAGTTGCCTAGTGAAAGGT
Cox7a1 forward	CTCTTCCAGGCCGACAATGA
Cox7a1 reverse	GCCCAGCCCAAGCAGTATAA
Fatp1 forward	CCTCTCTGTTCTGATTCGTGTT
Fatp1 reverse	GTCCAGCATATAACCACTACTGG
Cpt forward	CTACATCACCCCAACCCATATT
Cpt reverse	GATCCCAGAAGACGAATAGGTT