

Table S1 Primer sequences

Gene name	Primer	Primer Sequence (5' to 3')
AMPK α 1	Reverse	GGG AGG TCA CGG ATC AGG
	Forward	GGG ATC CAT CAG CAA CTA TCG
AMPK α 2	Reverse	TGT CGT ATG GTT TGC TCT GG
	Forward	TCG CAG TGG CTT ATC ATC TC
PGC-1 α	Reverse	GGCCTGCAGTTCCAGAGAGT
	Forward	GACCCCAGAGTCACCAAATGA
GAPDH	Reverse	GGC ATG GAC TGT GGT CAT GAG
	Forward	TGC ACC ACC AAC TGC TTA GC