

Supplementary Material

**Table S1.** Nucleotide sequence and properties of primers used for qRT-PCR analysis.

Gene	Sequence 5' to 3'	Reference
AMPK-F	GTCGACGTAGCTCCAAGACC	[21]
AMPK-R	ATCGTTTTCCAGTCCCTGTG	
IRS1-F	ACATCACAGCAGAATGAAGACC	[41]
IRS1-R	CCGGTGTCACAGTGCTTTCT	
GLUT2-F	TCAGAAGACAAGATCACCGGA	
GLUT2-R	GCTGGTGTGACTGTAAGTGGG	[22]
GAPDH-F	ACCCAGAAGACTGTGGATGG	
GAPDH-R	CACATTGGGGGTAGGAACAC	