

Table 1 List of Primer Sequences for RT-PCR.

Gene	primer	sequences
IRS-1	Forward (5'→3')	CAGGCACCATCTCAACAATC
	Reverse (3'→5')	GTTTCCCACCCACCATACTG
Pik3r1	Forward (5'→3')	CCTTGGAGAGGTTTGACCATTA
	Reverse (3'→5')	CATCCCAGCTATGCTGTATCTATC
Akt1	Forward (5'→3')	GGCAGGATGTGTATGAGAAGAA
	Reverse (3'→5')	GTGATCATCTGAGCTGTGAACT
GSK-3β	Forward (5'→3')	GCCAATGCAGAGGTCCTAAA
	Reverse (3'→5')	CGAAAGGGAAGAGAAGGTAACA
Glut4	Forward (5'→3')	CCCACAGAAAGTGATTGAACAG
	Reverse (3'→5')	AGAGAGCCCAAAGGGTAGTGAG
β-actin	Forward (5'→3')	CACCCGCGAGTACAACCTTC
	Reverse (3'→5')	CCCATACCCACCATCACACC