

Table S1: Primers used in the present study.

Gene	Forward sequence (5' -3')	Reverse sequence (5' -3')	Reference
<i>ira</i>	CCCTTGATCCCTCTCGTTT	CCAATTTCTGTTCTCTCC	[40]
<i>irb</i>	TGTGTGTCGGAAATAAAACG	TCTGCGAACAGTCAGGTAGC	[40]
<i>pi3kr1</i>	AAGACCTTCCTCATCACGAC	CCTTCCACTACAACACTGCA	[40]
<i>akt1</i>	CTTAATTTACCGCCGAAAC	CCTCCTTGACAATCACCAC	[40]
<i>gk</i>	GGGTTTTACCTTCTCCTTTC	GGTGGCTACTGTGTCATTCA	[40]
<i>pfkl</i>	CTGGCTGAGCTCGTAAAG	GTGCCGCAGAAGTCGTTG	[40]
<i>pk</i>	CTCTTTCATCCGCAAAGC	AATTCCCAGGTCACCACG	[40]
<i>g6pc</i>	AGAAAGCACAGAAGTGTTG	CTTGGTCTCGGTGTAGAGG	[40]
<i>pepck</i>	GGAAACGGCCAACATTCT	GCCAACCAGCAGTTCTCAT	[40]
<i>fbp1</i>	GCGATTGGCGAATTTATC	ACTCTGTGACGGCGGGTT	[40]
<i>mapk</i>	CTGCTTGAGAAGATGCTGGTT	AGGCTGTCGAAATATGGGTG	[18]
<i>ikb</i>	CACACTCGGTGATGATACTGG	CTCCAGTAACGAGTAGTATGTA	XM_038699792.1
<i>nfkb</i>	GCTGGTGTCTGGTTCATT	GCCTCCTCTTCCATCTCT	[18]
<i>il-10</i>	CGGCACAGAAATCCCAGAGC	CAGCAGGCTCACAAAATAAACATCT	[53]
<i>tnf-α</i>	CTTCGTCTACAGCCAGGCATCG	TTTGGCCACACCGACCTCACC	[18]
<i>il-1β</i>	CGTGACTGACAGCAAAAAGAGG	GATGCCCAGAGCCACAGTTC	[18]
<i>β-Actin</i>	AAAGGGAAATCGTGCGTGAC	AAGGAAGGCTGGAAGAGGG	[40]

ira: insulin receptor a; *irb*: insulin receptor b; *pi3kr1*: phosphoinositide-3-kinase regulatory subunit 1; *akt1*: AKT serine/threonine kinase 1; *gk*: glycerol kinase; *pfkl*: phosphofructokinase liver type; *pk*: pyruvate kinase; *g6pc*: glucose-6-phosphatase catalytic subunit; *pepck*: phosphoenolpyruvate carboxykinase; *fbp1*: fructose-bisphosphatase 1; *mapk*: p38δ mitogen-activated protein kinase; *ikb*: inhibitory protein of nuclear factor; *nfkb*: nuclear factor-kappa B p65/RelA; *il-10*: interleukin 10; *tnf-α*: tumor necrosis factor-α; *il-1β*: interleukin