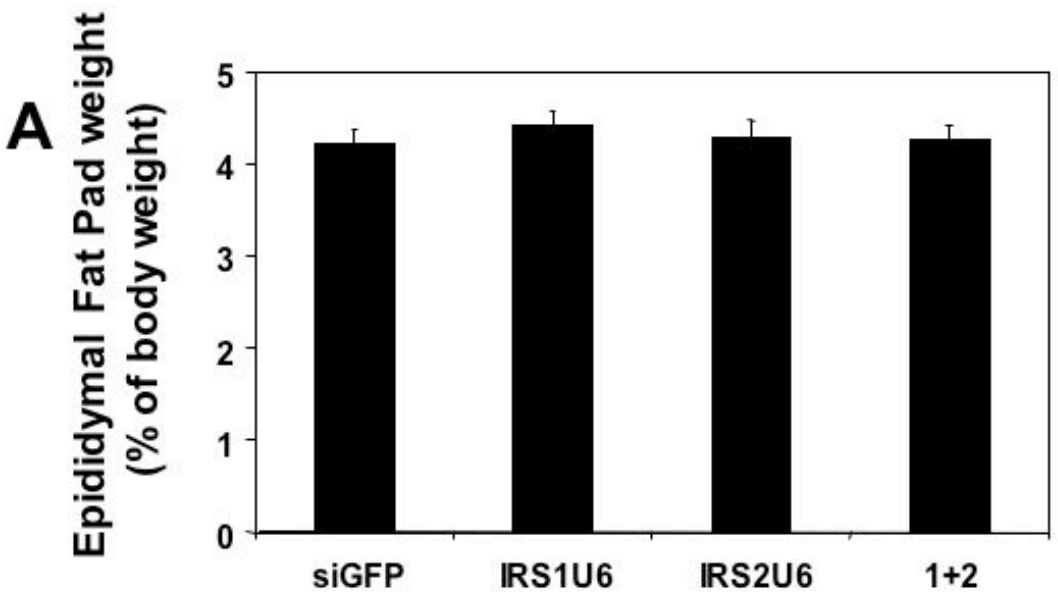

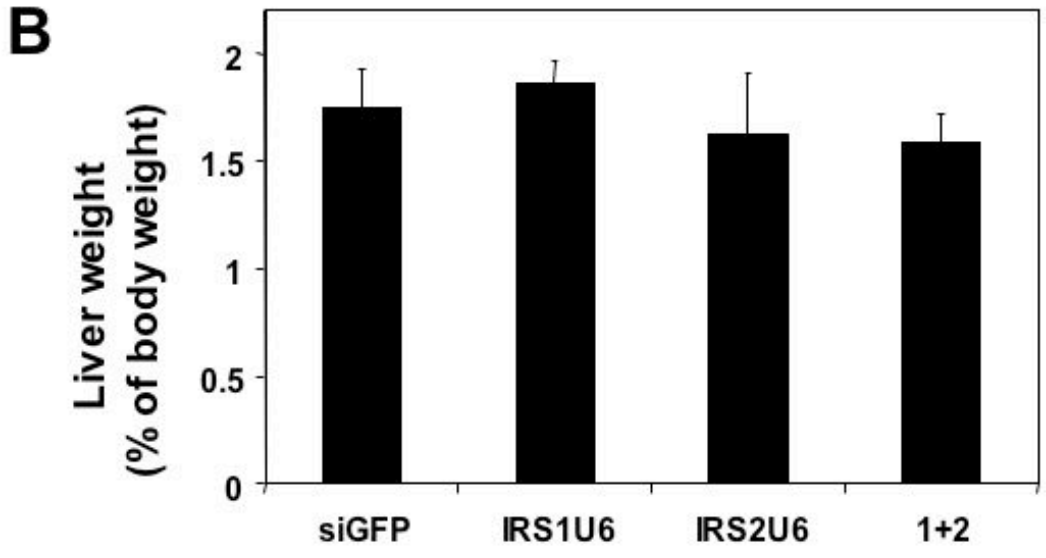

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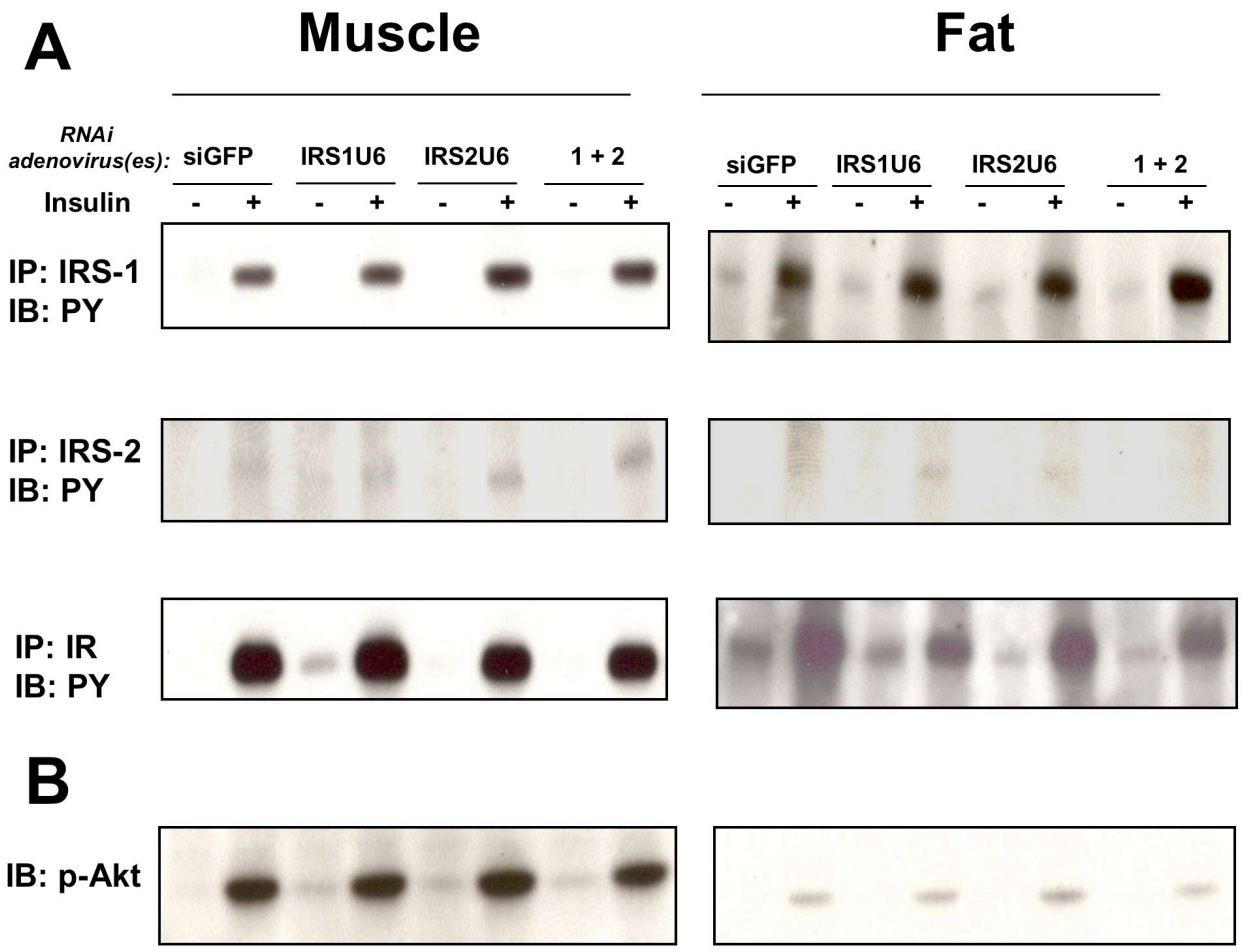
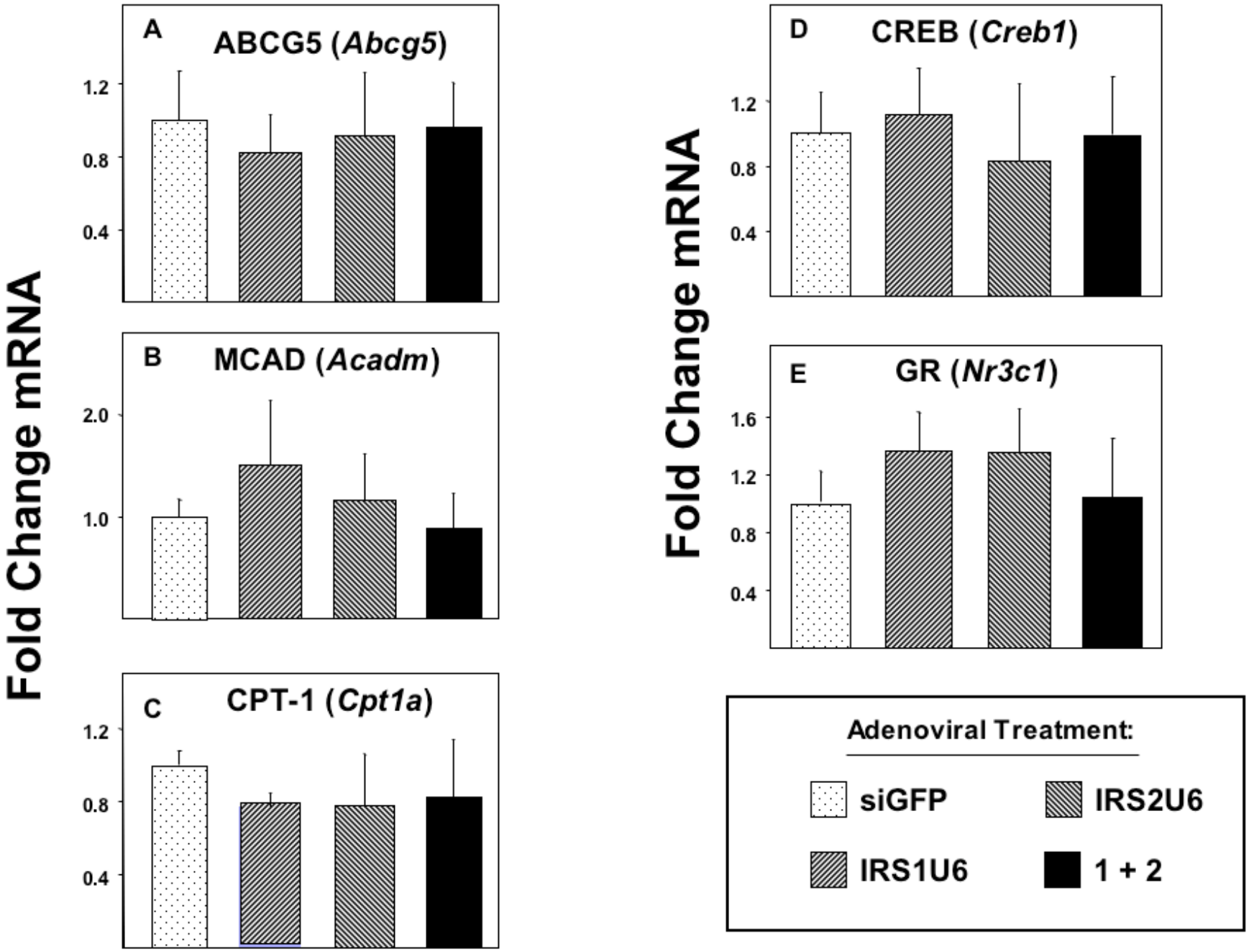


Taniguchi, et al. Supplemental Figure 2



Taniguchi, et al. Supplemental Figure 3

Table 1. Primers used in Quantitative RT-PCR analysis

Gene Name	Forward Primer	Reverse Primer	Product Size
Phosphoenolpyruvate Carboxykinase (*Pck1*)	CTAACTTGGCCATGATGAACC	CTTCACTGAGGTGCCAGGAG	155
Glucose-6-phosphatase (*G6pc*)	TCGGAGACTGGTTCAACCTC	ACAGGTGACAGGGAACTGCT	131
Fructose bisphosphatase 1 (*Fbp1*)	GACCCTGCCATCAATGAGTA	GTTGGCGGGGTATAAAAAGA	144
Glucokinase (*Gck*)	GAGATGGATGTGGTGGCAAT	ACCAGCTCCACATTCTGCAT	146
Carnitine Palmitoyltransferase-1 (*Cpt1a*)	CTTCCATGACTCGGCTCTTC	AGCTTGAACCTCTGCTCTGC	124
Fatty Acid Synthase (*Fasn*)	GAGGACACTCAAGTGGCTGA	GTGAGGTTGCTGTCGTCTGT	100
Hepatic Nuclear Factor 4 alpha (HNF-4α, *Hnf4a*)	CTCACCTCAGCAATGGACAG	GGCAGGAGCTTGTAGGATTC	121
Sterol Regulatory Element Binding Protein-1c (*Srebf1c*)	GAGCCATGGATTGCACATTT	CTCAGGAGAGTTGGCACCTG	143
Liver X Receptor Alpha (*Nr1h3* or LXRα)	ACTTCAGTTACAACCGGGAAGA	GAGCAAACTCAGCATCATTGAG	110
Medium Chain Acyl-CoA Dehydrogenase (*Acadm*)	CAAAGCAGAGAAGAAGGGTGAC	TAGCGGGTACTTTAGGATCTGG	125
CREB (*Creb1*)	AGTATGCACAGACCACTGATGG	GTGCGGATCTGGTATGTTTGTA	100
Glucocorticoid Receptor (*Nr3c1*)	CTCTACCCTGCATGTATGACCA	TGGCTCTTCAGACCTTCCTTAG	145
ABCA1	TACCAGCATTAAGGACATGCAC	CCAGAGAATGTTTCATTGTCCA	122
ABCG5	GCGGACTTCTACAACAAGAAGG	ACTGGAAATTCCCCCAAAATTA	105
ABCG8	GGACTTCTACGTGGACTTGACC	TTCCACAGAAAGTCATCAAAGC	132
CYP7A1	CTGCAAACTGATGGGGAAATA	TGGGTCTATGCTTCTGTGTCC	145

- All of the above sequences are for gene products of the mouse genome.
- Primers were designed across exon-exon junctions and were all confirmed to give a single product of a size predicted by the cDNA sequence of the associated genes.