Table S1: Sequences of the primers used for the site-directed mutagenesis of the rPDK4 promoter.

Promoter region	Primer sequence
DR4 -1112 FP	5'-GAGGGCTAAGGGCACCTTG**AAC**AACAAACTGCCTTTGCTGC-3'
DR4 -1112 RP	5'-CTCCCGATTCCCGTGGAAC**TTG**TTGTTTGACGGAAACGACG-3'
DR4 -1173 FP	5'-GCAAAGTAAGAGTGCACCTAG**TTC**CACCCATGACTTTCATCACAC -3'
DR4 -1173 RP	5'-GTGTGATGAAAGTCATGGGTG**GAA**CTAGGTGCACTCTTACTTTGC -3'
Mut -338 FP	5'-AGATGGCTCCTGAGTTGTAAACAA**AA**ACAAGTCTGGGCGGG-3'
Mut -338 RP	5'-CCCGCCCAGACTTGT**TT**TTGTTTACAACTCAGGAGCCATCT-3'
Mut -347 FP	5'-TGACATTGAGATGGCTCCTGAGTT**TGC**AACAAGGACAAGTCTGGGC-3'
Mut -347 RP	5'-GCCCAGACTTGTCCTTGTT**GCA**AACTCAGGAGCCATCTCAATGTCA-3'
Mut -370 FP	5'-CAGTTTCTGGCGAGGAATGCGTG**TTCG**TGAGATGGCTCCTGAGTTGTAA-3'
Mut -370 RP	5'-TTACAACTCAGGAGCCATCTCA**CGAA**CACGCATTCCTCGCCAGAAACTG-3'

Table S2: Sequences of the primers used in the ChIP assay to demonstrate interactions of TRβ and PGC-1α with the different genes.

Rat CPT-1a -3079/-2825 (TRE site)	
FP:	GACAGGCAGGGTACATTTCACAG
RP:	GAAGGCAGTGCTTTTCCCTAC
Rat CPT1a +927/+674 (intron)	
FP:	AGACTGCTCAAGGTCGCGCT
RP:	GAGAGTCCTGAGCCTGATTGT
Rat CPT1a -6473/-6099 (upstream)	
FP:	CTCTGGTGTCCTGTAACCTGTGG
RP:	GAAGGCTGGAATTACACTGGTCAG
Rat PEPCK -512/-267	
FP:	AACTCGGCTGTTGCAGACTT
RP:	CATCAGCAACAGTCACGGTC
Rat PDK4 -1535/-1228 (TRE site)	
FP:	AGTGTCTCCACCAGATTGT
RP:	CTAAGAGAGCTAACCTAGT
Rat PDK4 -591/-338 (proximal)	
FP:	CACAGTAATAATAAGGCTAT
RP:	ACTCAGGAGCCATCTCAATG
Rat PDK4 -6634/-6377 (upstream)	
FP:	TATGAGAAGTGCTGCAATAA
RP:	CCAGACTTGTCCTTGTTTAC

Table S3: Sequences of the primers used for real time PCR.

Primer	Primer sequence
rPDK4 FP	GGATTACTGACCGCCTCTTTAGTT
rPDK4 RP	GCATTCCGTGAATTGTCCATC
rPGC-1α FP	ATGAATGCAGCGGTCTTAGC
rPGC-1α RP	AACAATGGCAGGGTTTGTTC
rCPT-1a FP	CGGTTCAAGAATGGCATCATC
rCPT-1a RP	TCACACCCACCACCACGAT
r18S FP	CGGCTACCACATCCAAGGAA
r18S RP	TTTTCGTCACTACCTCCCCG