

Table S1: Oligonucleotides used for Gene Expression Analysis by RT-PCR

Name	Gene Symbol	Primer Sequence
G _M	<i>Ppp1r3a</i>	5'-TCTGTCTGATTCTGTGTGTGAGG-3' 5'-GAGGTTGGAGTGTCCAGATACA-3'
G _L	<i>Ppp1r3b</i>	5'-AGCCGTACAATGGACCAGAT -3' 5'-AGTAGTAGGGCCCCAGCTTT-3';
PTG	<i>Ppp1r3c</i>	5'-AGGAAGCCAAATCGCAGAGT-3' 5'-AAGTTTTAAGCTGGAGGAGATA-3'
GYS2	<i>Gys2</i>	5'-CGCTCCTTGTCGGTGACATC-3' 5'-CATCGGCTGTCTGTTTTGGC-3'
Glycogen Phosphorylase (GP)	<i>Pygl</i>	5'-GAGAAGCGACGGCAGATCAG-3' 5'-CTTGACCAGAGTGAAGTGCAG-3'
Glucokinase	<i>Gck</i>	5'-CCCTGAGTGGCTTACAGTTC-3' 5'-ACGGATGTGAGTGTGAAGC-3'
Glucose Phosphate Isomerase	<i>Gpi1</i>	5'-TCAAGCTGCGGAACTTTTTG-3' 5'-GGTCTTGAGTAGTCCACCAG-3'
Liver Phosphofructokinase	<i>Pfkl</i>	5'-GGAGGCGAGAACATCAAGCC-3' 5'-CGGCCTTCCCTCGTAGTGA-3'
Aldolase-B	<i>Aldob</i>	5'-GAAACCGCCTGCAAAGGATAA-3' 5'-GAGGGTCTCGTGGAAAAGGAT-3'
Triose Phosphate Isomerase	<i>Tpi1</i>	5'-CCAGGAAGTTCTTCGTTGGGG-3' 5'-CAAAGTCGATGTAAGCGGTGG-3'
Glyceraldehyde-3-Phosphate Dehydrogenase	<i>Gapdh</i>	5'-AGGTCCGGTGTGAACGGATTTG-3' 5'-GGGGTCGTTGATGGCAACA-3'
Phosphoglycerate kinase	<i>Pgk1</i>	5'-ATGTCGCTTCCAACAAGCTG-3' 5'-GCTCCATTGTCCAAGCAGAAT-3'
Phosphoglycerate mutase	<i>Pgam1</i>	5'-TCTGTGCAGAAGAGAGCAATCC-3' 5'-CTGTCAGACCGCCATAGTGT-3'
Enolase	<i>Eno1</i>	5'-TGCGTCCACTGGCATCTAC-3' 5'-CAGAGCAGGCGCAATAGTTTTA-3'
Liver Pyruvate Kinase (L-PK)	<i>Pklr</i>	5'-TCAAGGCAGGGATGAACATTG-3' 5'-CACGGGTCTGTAGCTGAGTG-3'
PEP Carboxykinase (PEPCK)	<i>Pck1</i>	5'-CTGCATAACGGTCTGGACTTC-3' 5'-CAGCAACTGCCCGTACTCC-3'
Glucose-6-Phosphatase	<i>G6pc</i>	5'-CGACTCGCTATCTCCAAGTGA-3' 5'-GGGCGTTGTCCAAACAGAAT-3'
β-actin	<i>Actb</i>	5'-TTGGGTATGGAATCCTGTGG-3' 5'-CTTCTGCATCCTGTCAGCAA-3'
18S	<i>18s</i>	5'-CTTAGAGGGACAAGTGGCG-3' 5'-ACGCTGAGCCAGTCAGTGTA-3'