

**Supplemental Table S1.** List of Human Primers for Quantitative Real-Time Polymerase Chain Reaction

Gene	Forward primer	Reverse primer
<i>SGLT2</i>	CTTCAGTCTCCGGCATAGCA	GGCCTGGGGCTCATTATCT
<i>GLUT2</i>	AGTTAGATGAGGAAGTCAAAGCAA	TAGGCTGTCGGTAGCTGG
<i>SIRT1</i>	ACATAGACACGCTGGAACAG	AGGACATCGAGGAACTACCT
<i>PGC-1<math>\alpha</math></i>	TGCCCTGGATTGTTGACATGA	TTTGTGAGGCTGGGGGTAGG
<i>G6pase</i>	CTCTCAACTCCAGCATGTAC	TCAAGGAGTCAAAGACGTGC
<i>PEPCK</i>	CAACTGGTTCCGGAAGGACA	CCGGTTGAACATCCACTCCA
<i><math>\beta</math>-Actin</i>	TACGTTGCTATCCAGGCTGT	CTCGGTGAGGATCTTCATGA

*SGLT2*, sodium-dependent glucose cotransporter 2; *GLUT2*, glucose transporter 2; *SIRT1*, sirtuin 1; *PGC-1 $\alpha$* , peroxisome proliferator-activated receptor gamma co-activator 1 alpha; *G6pase*, glucose 6 phosphatase; *PEPCK*, phosphoenolpyruvate carboxykinase.