

**ESM Table 2.** The human oligonucleotide primer sequences for real-time RT-PCR (*in vitro* studies).

Name		Primer Sequences
<i>GLUT1</i>	sense	GCCTGGATCTCCCCACTCTA
	antisense	CAGTGCTCCCAACTGGTCTC
<i>GLUT2</i>	sense	TCCAGCTACCGACAGCCTAT
	antisense	GCTGATACCAGCCGTCTGAA
<i>SGLT1</i>	sense	AGCAGACTTGTGTGGAAGCA
	antisense	GGGAGGCTCCAATCTCATGT
<i>SGLT2</i>	sense	CTGGTCATTGGCGTTGGCTT
	antisense	ATGTTGCTGGCGAAGAGAGAG
$\beta$ -actin	sense	CACAGAGCCTCGCCTTTGCCGATC
	antisense	ACGAGCGCGGCGATATCATCATC

*GLUT1*, glucose transporter 1; *GLUT2*, glucose transporter 2; *SGLT1*, sodium dependent glucose transporter 1; *SGLT2*, sodium dependent glucose transporter 2.