

Supplementary Table 1. Primers sequences used in the study

Gene	Usage	Forward (5'-3')	Reverse (5'-3')
<i>ppial</i>	qPCR	ACACTGAAACACGGAGGCAAAG	CATCCACAACCTTCCCGAACAC
<i>zfglut12</i>	qPCR	GGGACAATCCTGGACCACTA	ACATCCCAACCAGCATTCTC
<i>zfglut12</i>	RT-PCR	CAAGGACAGACAAGTTACAGGCACCAG	ACATCCCAACCAGCATTCTC
<i>zfglut5</i>	qPCR	TCTCTGGTTGCTGGATTTGGTT	CAAGAGGGTGAGGAGATTGTCC
<i>pck1</i>	qPCR	GAGAATTCTCACACACACACACGTGAGCAGTA	GTAAAAGCTTCCGCCATAACATCTCCA
<i>insrb</i>	qPCR	GCCTCTGCGGATCACTACATGGAGAA	GGAAAGAGGCTGCCAAGGCTCTCCAGG
<i>irs1</i>	qPCR	GAGAGCAACATGTTCTGATTGGAATGCT	TCTGAGGTCCGGCTTGCAGTGAATTGG
<i>klf2a</i>	qPCR	ACCTATTGCTTGTAGCTGGTT	TAAAAGGCACTGTCGTGATG