

Table S1 Sequences of the primers used in the quantitative RT-qPCR

Gene	Primer sequence 5'-3'	Sequences
<i>st3gal5p1</i>	Forward	TGCTAGGGGACACGGGC
	Reverse	GGGAGGTCCTTGAGCAATCA
<i>b4galnt1</i>	Forward	TACCAGGCCAACACAGCAG
	Reverse	CCGTAGGGTAAAAGCGTCGG
<i>b3galt4</i>	Forward	GCCCCGCCTCTTGATTTCTAA
	Reverse	GGCCGTACACACCAGGATG
<i>hexa</i>	Forward	CCCAGCTTCTCAAATAAACAGCA
	Reverse	TCAGAGGCGAGTAAACACTGG
<i>glb1</i>	Forward	CGGATACCCCGCTTCTACTG
	Reverse	CACGGTCCCCAGAAAACACTCA
<i>st8sial1</i>	Forward	TCCACGTA CTCCCTCTTCCC
	Reverse	AGAATCCCACCGTTTCCCAC
<i>st3gal2</i>	Forward	CTTTGCGACAGGGTTTCATT
	Reverse	CAGGGTTTGCTCAACAAGTG
<i>soat</i>	Forward	ATCACATCTCGGGAGCAAGC
	Reverse	GAGAAATGCCCGTACCCTGT
<i>siae</i>	Forward	AGAGTTGGTCAGCCCGAGAT
	Reverse	GTCTTGTCGGTCCAGTCACA