

Supplementary Table S2 Primers used for RT-qPCR in this study

Gene name	Primer sequences(5'→3')	Product length (bp)	Source
<i>GALNT1</i>	F: ACGACAAGCGTGGTGATT R: CTCGCAGTGAGCATCTAA	291	XM_039097137.1
<i>GALNT2</i>	F: TGCCAAGCAACAACAAGA R: TTAGCAGCGGACATCGTG	783	NM_001106196.2
<i>GALNT6</i>	F: GCTTTAATGCCTTTGCCAGT R: CCAGGCTTCGTTGTGGAATA	149	XM_039078233.1
<i>GALNT7</i>	F: CAGAGCCCACTGAGCAGGAT R: TGAATCTGTCTATCTCCAGGAGCTA	97	XM_006253083.3
<i>GALNT12</i>	F: CAGCTAGAGGGTGCATGTGG R: GTGAGGAGTCCGAGTGGGTA	170	XM_232988.10
<i>C1GALTI</i>	F: CTTTGTCTGGAGCCGGTTGA R: TTCAGCCAAGATTTAGAGGCCA	110	NM_022950.3
<i>C1GALTI1</i>	F: TACAACCTGGTTCTTCCTTGCAC R: AGAAGGCCATTGAGTCTT	194	XM_006257487.2
<i>ST3GAL1</i>	F: GACAGTCCACAACGCTCTGA R: CAACCCACCAACCTCTTGTT	159	NM_001013219.2
<i>ST3GAL2</i>	F: ATGGCTACCTTGCCCTACCT R: GTCCAGACGGGTGAGATGTT	203	XM_039097961.1
<i>ST3GAL3</i>	F: AGGCTGCCTTCACTCTCATT R: CATTGGGTGTGTTTCATGTCA	156	XM_039110707.1
<i>ST3GAL4</i>	F: CTACACCTCTGCGACTTGGT R: GGTTCTTGACAGCTCCCATC	181	NM_203337.3
<i>ST3GAL6</i>	F: ATGCCTGGTTGTGGAAGTC R: GCCTGCATGGGCTACATAGT	192	XM_039088387.1
<i>ST6GALNAC1</i>	F: AGCCTCGGTGGGATTTTGAG R: TAGCCTGTACCACTCGCTCT	179	NM_001105859.1
<i>ST6GALNAC2</i>	F: GTCCCAAATGCCAAAGCCAT R: CCAGACATAACCACCTTGCACT	212	NM_001031652.2
<i>ST6GALNAC4</i>	F: GCTAGCATGGTGAAAACCCC R: TGTGACAACGTGTCCCATCC	245	NM_001399379.1
<i>MUC2</i>	F: TGCTGCTTCTGGTCTGACTG R: TGCAAATGAGCCCCCTCTGAG	190	NM_022174.1
<i>GAPDH</i>	F: GGTGGACCTCATGGCCTACA R: CTCTCTTGCTCTCAGTATCCTTGCT	84	NM_017008.4
<i>TNF-α</i>	F: CCCAGACCCTCACACTCAGAT R: TTGTCCCTTGAAGAGAACCTG	215	NM_012675.3

<i>IL-1β</i>	F: TGCTGATGTACCAGTTGGGG R: CTCCATGAGCTTTGTACAAG	145	NM_031512.2
<i>TLR4</i>	F: AGTTGGCTCTGCCAAGTCTCAGAT R: TGGCACTCATCAGGATGACACCAT	144	NM_019178.2
<i>MyD88</i>	F: AACTGAAGGACCGCATCGAG R: AGCAGATGAAGGCGTCGAAA	189	NM_198130.2
<i>NF-κB</i>	F: GATCGCCACCGGATTGAAGA R: CTCGGGAAGGCACAGCAATA	130	XM_039079521.1
NEU1	F: CGTAGACACTTTTCGAATCC R: CTCCTCATAGCGATGAACTTG	120	NM_031522.3
NEU2	F: GAGCCACCAACCATGTCAAG R: AAGGGACATGGATTCATGGAG	88	XM_006245362.4
NEU3	F: TGA CTGAGGAAGTCGTTGGC R: GGGGCTTGACTGAACATGGA	159	NM_001393673.1
NEU4	F: CCGGACTGTGGTTGGTAGAC R: ACCAGGGAGCGTAAAGCAAT	106	NM_001108234.1
<i>β-actin</i>	F: TCAGGTCATCACTATCGGCAAT R: AAAGAAAGGGTGTA AACGCA	232	NM_031144.3
