

Tab.1. Primers used for gene expression

Gene	Forward primer	Reverse primer
<i>NEU1</i>	5'-CCTGGATATTGGCACTGAA-3'	5'-CATCGCTGAGGAGACAGAAG-3'
<i>NEU2</i>	5'-TGCGCAGAGGAGACTACGA-3'	5'-GTCTGCGCGTCATACAAGG-3'
<i>NEU4</i>	5'-ACCGCCGAGAGTGTGTTTGG-3'	5'-CGTGGTCATCGCTGTAGAGG-3'
<i>BAD</i>	5'-GTTCCAGATCCCAGAGTTTG-3'	5'-CCTCCATGATGGCTGCTG-3'
<i>BAX</i>	5'-TTTCTGACGGCAACTTCAAC-3'	5'-GGAGGAAGTCCAATGTCCAG-3'
<i>BCL-2</i>	5'-GAGGATTGTGGCCTTCTTTG-3'	5'-CCCAGCCTCCGTTATCCT-3'
<i>BCL-XL</i>	5'-ACATCCCAGCTCCACATCAC-3'	5'-CGATCCGACTCACCAATACC-3'
<i>MMP1</i>	5'-TGTGGTGTCTCACAGCTTCC-3'	5'-TTTTCAACTTGCCTCCCATC-3'
<i>MMP2</i>	5'-GTTGGTGGGAACTCAGAAGG-3'	5'-TGACTCGCTTCTTCATATCC-3'
<i>MMP7</i>	5'-AGCTCATGGGGACTCCTACC-3'	5'-AGACTGCTACCATCCGTCCA-3'
<i>MMP9</i>	5'-AGTCCACCCTTGTGCTCTTC-3'	5'-ATTTCGACTCTCCACGCATC-3'
<i>RAB25</i>	5'-TTGACCTAACCAAGCACCAGA-3'	5'-TCTCCAGGAAGAGCAGTCCA-3'
<i>CLIC3</i>	5'-TCTTCATGGTCCTGCTCCTC-3'	5'-GCGTCTCCTCCAGAAAGTCC-3'
GD1a synthase	5'-TCTACCACCCAGCCTTCATC-3'	5'-TAGTGGTGCCAGTTCCTTT-3'
GM1 synthase	5'-CGCCTTCCAGGACTCCTACC-3'	5'-CCGTCTTGAGGACGTATCGG-3'
GM2 synthase	5'-TCTCACTGGAGAGGGTCAGG-3'	5'-CGGACTGTGTCTGCTGTGTT-3'
GM3 synthase	5'-CCCTGAACCAGTTCGATGTT-3'	5'-CATTGCTTGAAGCCAGTTGA-3'
<i>A4GALT</i>	5'-TTCTCAAGAACCTGCGGAAC-3'	5'-GATCCAGCCGTTGTAGTGGT-3'
<i>ACTB</i> (β actin)	5'-CGACAGGATGCAGAAGGAG-3'	5'-ACATCTGCTGGAAGGTGGA-3'