

Supplementary Table 1 List of primers designed to introduce mutations into mouse *Galntl5* and human *GALNTL5* cDNAs

mouse <i>Galntl5</i>	sense	anti-sense
N68K	5'-GAGGT <u>TAA</u> GTTCAGATCCAGAACTT-3'	5'-TGAAA <u>ACTT</u> AACCTCATCATGAGTGAC-3'
N140K	5'-GTGGT <u>GAA</u> GCTCAGTCCGCAGCATCTC-3'	5'-ACTGAG <u>CTT</u> CACCACACTCGACACTGC-3'
N353K	5'-CGTGCA <u>AA</u> GCAGAGTGCCTTGTCAAGG-3'	5'-ACTCTG <u>CTT</u> TGCACGCCTGTGTTGACT-3'
N390K	5'-TGTGGAA <u>A</u> GATTAGTGAGCGCGTGGAA-3'	5'-ACTAAT <u>CTT</u> TCCACAGGAAACGTATGT-3'
human <i>GALNTL5</i>		
N87K	5'-GATTTT <u>AAG</u> CATACAAACCCAGAACTT-3'	5'-TGTATG <u>CTT</u> AAAAATCTGTACCTAACAT-3'
N140K	5'-GTCACG <u>AAG</u> CTCACGCCACACTATTTT-3'	5'-CGTGAG <u>CTT</u> CGTGACACTGGACATGGT-3'

The mutated regions are underlined.