Supplementary Table 1

Permethylated N-glycans observed in the MALDI-TOF MS spectrum of CTB

The theoretical and observed m/z values of the glycans and the manual interpretations of the composition of these glycans are shown in the table. m/z is mass to charge ratio. Hex, hexose; HexNAc, N-acetylhexosamine; Fuc, Fucose; NeuAc, N-acetylneuraminic acid; NeuGc, N-glycolylneuraminic acid. The number behind the monosaccharide is its number in the corresponding glycan.

Theoretical m/z value	Observed m/z value	Glycan composition	Theoretical m/z value	Observed m/z value	Glycan composition
1579.8	1579.8	Hex5HexNAc2	2792.4	2792.3	Hex5HexNAc4NeuAc2
1783.9	1783.9	Hex6HexNAc2	2837.4	2837.3	Hex5HexNAc5Fuc3
1835.9	1835.9	Hex3HexNAc4Fuc1	2850.4	2850.3	Hex5HexNAc5Fuc1NeuAc1
1988.0	1988.0	Hex7HexNAc2	2880.4	2880.3	Hex6HexNAc5NeuAc1
2040.0	2040.0	Hex4HexNAc4Fuc1	2966.5	2966.3	Hex5HexNAc4Fuc1NeuAc2
2081.1	2081.1	Hex3HexNAc5Fuc1	3024.5	3024.3	Hex5HexNAc5Fuc2NeuAc1
2156.1	2156.1	Hex4HexNAc3Fuc1NeuAc1	3054.5	3054.3	Hex6HexNAc5Fuc1NeuAc1
2192.1	2192.1	Hex8HexNAc2	3140.6	3140.3	Hex5HexNAc4Fuc2NeuAc2
2244.1	2244.1	Hex5HexNAc4Fuc1	3142.6	3142.3	Hex7HexNAc6Fuc1
2285.2	2285.1	Hex4HexNAc5Fuc1	3211.6	3211.4	Hex5HexNAc5Fuc1NeuAc2
2315.2	2315.1	Hex5HexNAc5	3299.7	3299.5	Hex6HexNAc6Fuc1NeuAc1
2396.2	2396.1	Hex9HexNAc2	3415.7	3415.3	Hex6HexNAc5Fuc1NeuAc2
2431.2	2431.1	Hex5HexNAc4NeuAc1	3589.8	3589.4	Hex6HexNAc5Fuc2NeuAc2
2489.3	2489.2	Hex5HexNAc5Fuc1	3602.8	3602.4	Hex6HexNAc5NeuAc3
2592.3	2592.2	Hex5HexNAc4Fuc3	3660.8	3660.4	Hex6HexNAc6Fuc1NeuAc2
2600.3	2600.2	Hex10HexNAc2	3776.9	3776.5	Hex6HexNAc5Fuc1NeuAc3
2605.3	2605.2	Hex5HexNAc4Fuc1NeuAc1	3864.9	3864.5	Hex7HexNAc6Fuc1NeuAc2
2635.3	2635.2	Hex5HexNAc4Fuc1NeuGc1	4022.0	4021.5	Hex6HexNAc6Fuc1NeuAc3
2663.3	2663.2	Hex5HexNAc5Fuc2	4226.1	4225.5	Hex7HexNAc6Fuc1NeuAc3
2676.3	2676.2	Hex5HexNAc5NeuAc1	4587.3	4586.5	Hex7HexNAc6Fuc1NeuAc4
2693.4	2693.2	Hex6HexNAc5Fuc1	4675.3	4674.5	Hex8HexNAc7Fuc1NeuAc3

2779.4	2779.3	Hex5HexNAc4Fuc2NeuGc1			