

Supplementary Table 3

Summary of GC-MS linkage analysis of partially methylated alditol acetates derived from N-glycans of CTB and STB

The elution time is indicated in minutes and the relative abundance is normalised to 1 which is the abundance of 2-linked mannose (major component).

Elution time, min (CTB)	Elution time, min (STB)	Characteristic fragment ions	Assignments	Relative abundance (CTB)	Relative abundance (STB)
16.95	16.90	102, 115, 118, 131, 162, 175	Terminal Fuc	0.16	0.14
18.45	18.40	102, 118, 129, 145, 161, 205	Terminal Man	0.68	0.62
18.71	18.67	102, 118, 129, 145, 161, 205	Terminal Gal	0.15	0.17
19.62	19.56	129, 130, 161, 190, 234	2-linked Man	1	1
19.90	19.85	118, 129, 161, 203, 234	3-linked Gal	0.07	0.10
21.18	21.14	87, 88, 129, 130, 189, 190	2,6-linked Man	0.05	0.05
21.34	21.30	118, 129, 189, 202, 234	3,6-linked Man	0.33	0.34
21.80	21.76	118, 139, 259, 333	3,4,6-linked Man	0.08	0.07
22.27	22.23	117, 129, 145, 205, 247	Terminal GlcNAc	0.04	0.04
23.15	23.12	117, 159, 233	4-linked GlcNAc	0.22	0.39
24.00	23.96	117, 159, 346	3,4-linked GlcNAc	0.03	0.03
24.46	24.42	117, 159, 261	4,6-linked GlcNAc	0.04	0.08