

Fig. S2. Annotated MALDI-TOF/TOF MS/MS spectra of of permethylated N-glycan (upper panel) and permethylated sialidase S digested N-glycan (lower panel) peak centered at m/z 3142 of the CTB. Data were acquired in the form of [M+Na]<sup>+</sup> ions. Peaks were annotated with putative fragment ions according to the molecular weight. The glycan m/z value and its corresponding fragment ions are labelled in the same color (red or black). The horizontal arrows show losses of the indicated antennae. Identical results were obtained for the equivalent molecular ion cluster in STB.