



Supplementary Fig. S1, Selected MS/MS spectra of the permethylated non-sulfated *O*-glycan alditol released from ovomucin powder.

MS/MS spectra were obtained with MALDI-TOF/TOF/MS analyses in the positive ion mode for each glycan ion peak. MS/MS spectra are shown for five major non-sulfated *O*-glycans, m/z 895.5 (A), 983.5 (B), 1140.6 (C), 1344.7 (D), and 1705.9 (E), and the estimated structures based on each MS/MS fragment pattern are shown.