Supplemental Figure 2: The signals of ESI-MS spectra of XyG oligosaccharides released by XyG-specific endoglucanase treatment of 16 hr Nicotiana pollen tubes are identified as [M+Na]^+ ions. A: The quasi-molecular ions observed in the ESI-MS1 spectrum. B: The ESIMS2 spectrum recorded upon the fragmentation of the quasi-molecular ions at m/z 1085 consists of ion at m/z 953 generated by the loss of one non-reducing xylosyl residue. Further loss of one or two non-reducing xylosyl residues generated the ions m/z 821* and 689 **, respectively. C: The ESIMS2 spectrum recorded upon the fragmentation of the quasi-molecular ions at m/z 1435 includes the most abundant fragment ion at m/z 1289 generated by loss of terminal fucosyl residue. Loss of both terminal fucosyl residue and a terminal xylosyl residue generated the product ion m/z 1157***. D: The ESIMS2 spectrum recorded upon fragmentation of the quasi-molecular ions at m/z 1639.