

Supporting Information

Effects of Pectin Molecular-Weight Changes on the Structure, Dynamics, and Polysaccharide Interactions of Primary Cell Walls of *Arabidopsis* *thaliana*: Insights from Solid-State NMR

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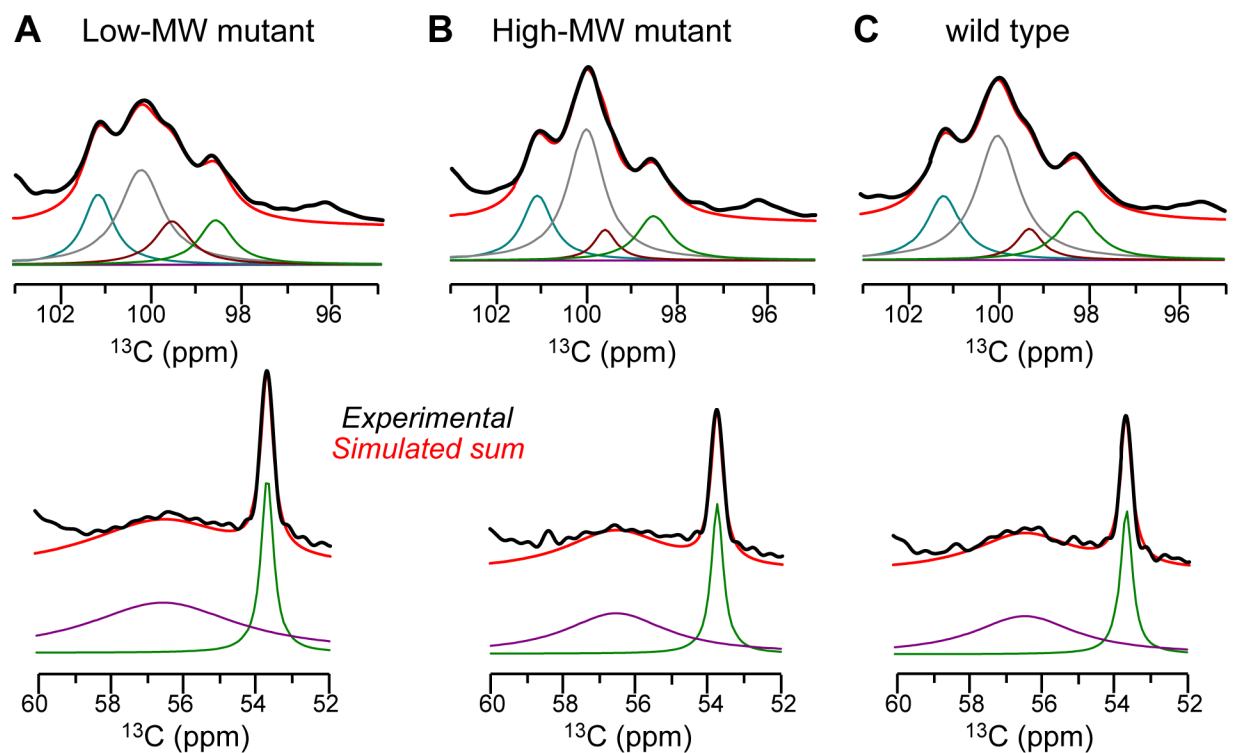


Figure S1. Deconvolution of the 101-ppm peak (top row) and the 54-ppm peak (bottom row) in the quantitative ^{13}C spectra of (A) low-MW mutant, (B) high-MW mutant, and (C) wild-type cell walls. The simulated sum is shown in red.

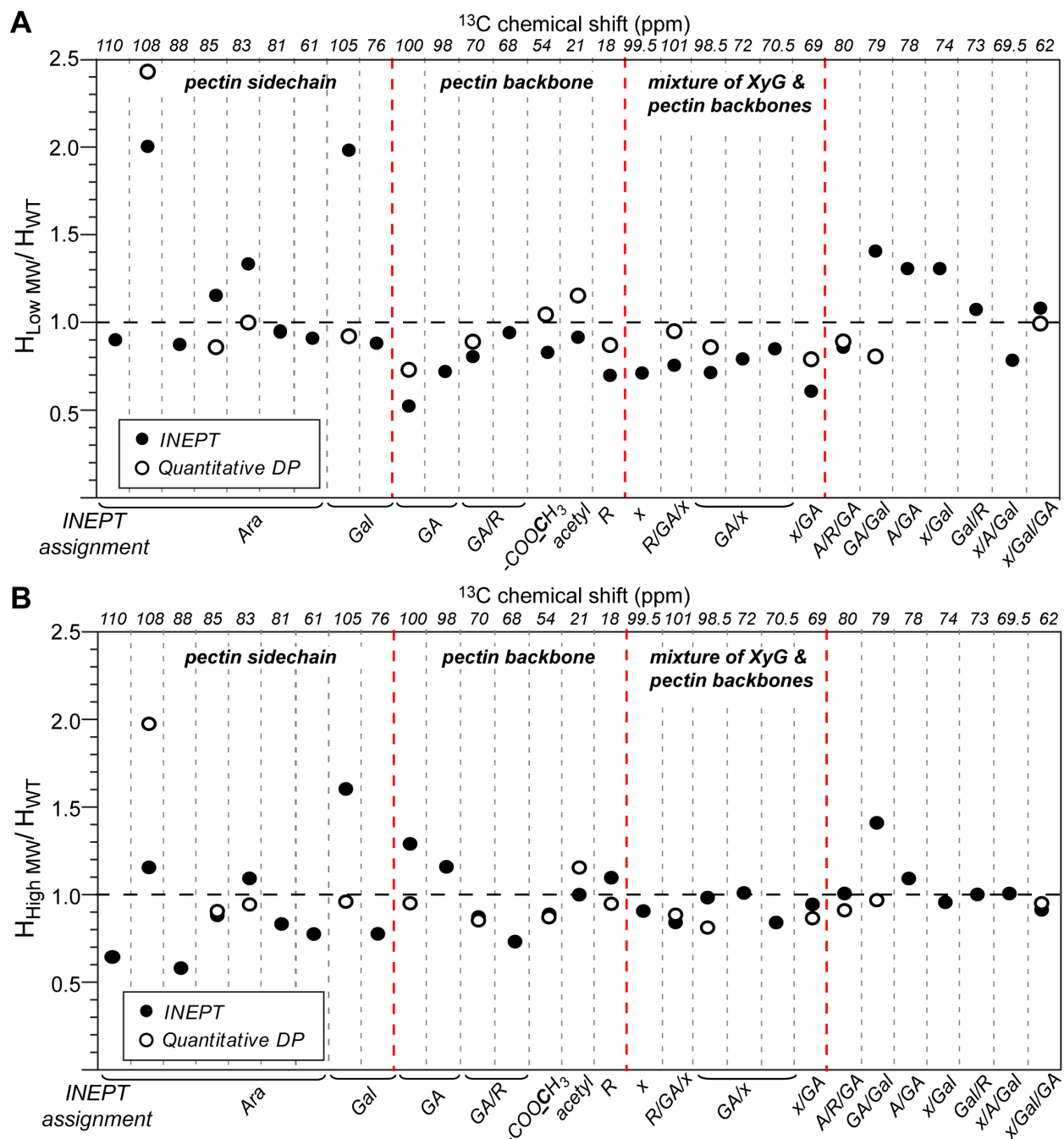


Figure S2. Quantitative and INEPT intensity ratios (A) between low-MW and wild-type cell walls and (B) between high-MW and wild-type cell walls. Peak heights of the low-MW spectrum are scaled by 0.67 and the high-MW spectrum are scaled by 1.05 to account for sample amount differences.