

**Figure S4:** Determination of pectin content between control plant and VI-GhATL15 plants. (a) qRT-PCR analysis of *GhGATL15* expression in control plant and VI-GhGATL15 plants. (b) Determination of pectin content in third leaf stem by carbazole reagent reaction. Significant differences compared with WT (Student's *t*-test): \*\*\*, *P* < 0.001.

