

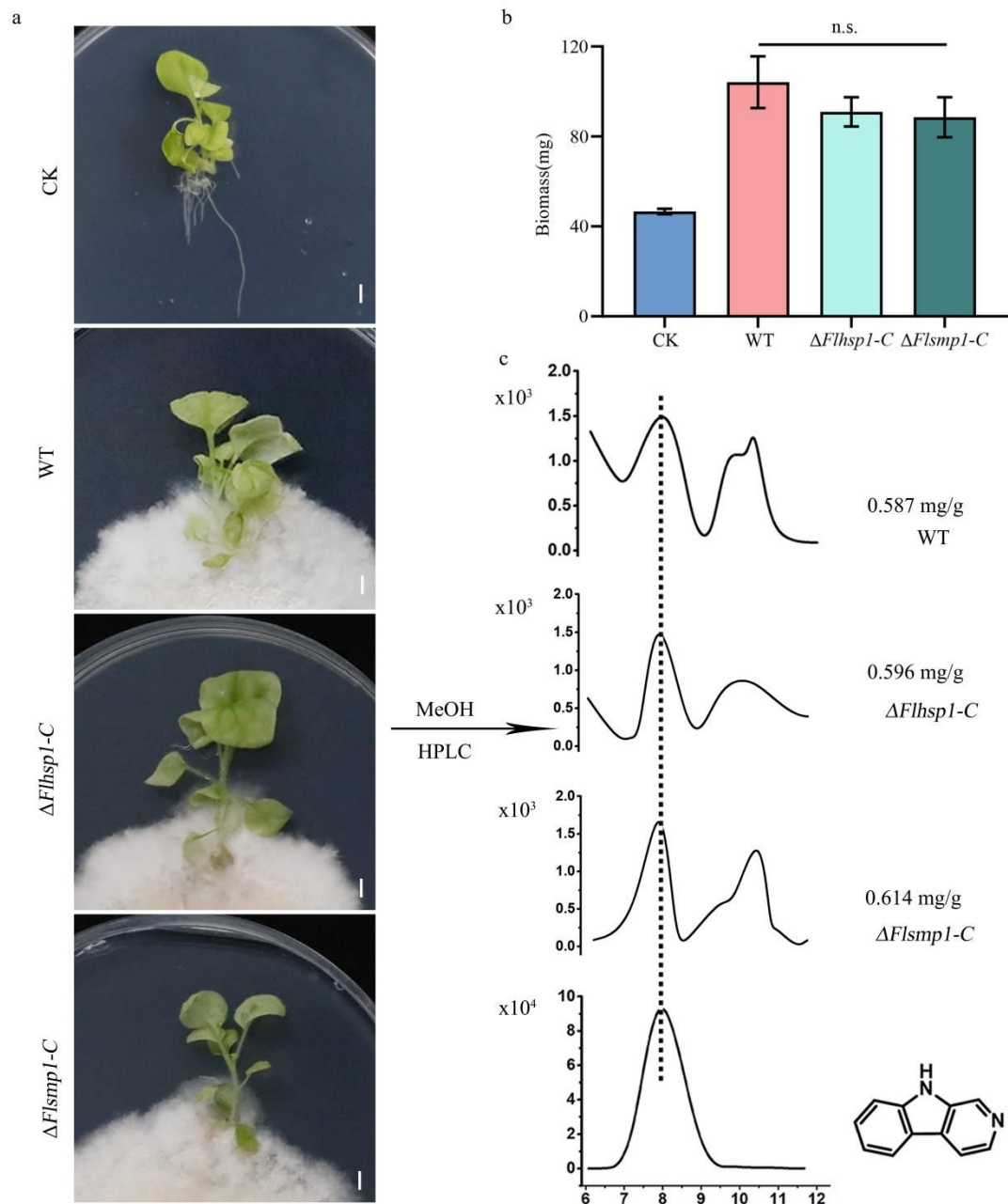


Fig. S14. Interaction phenotypes and secondary metabolite analysis of *Flhsp1* and *Flsmp1* complementation strains of *F. lateritium* F1617 with *N. benthamiana*. (a) Phenotype comparison of *N. benthamiana* after infection with different strains. The scale in the figure represents 1 cm. (b) Biomass statistics of *N. benthamiana* after infection with different strains. Bar chart shows that, compared with the blank control (CK), both the WT and complementation strains ($\Delta Flhsp1-C$, $\Delta Flsmp1-C$) significantly increased plant biomass, whereas no significant difference was observed between WT and the complementation strains (n.s.). Data are presented as mean $\pm$ SD (n = 15 biological replicates). (c) HPLC detection and quantitative analysis of target secondary metabolites in different strains. After methanol extraction, the target compound was detected by HPLC, with contents in WT, $\Delta Flhsp1-C$, and $\Delta Flsmp1-C$ being 0.587 mg/g, 0.646 mg/g, and 0.704 mg/g, respectively.