

**Figure S3:** Detection of *GhGATL* genes expression and stamen phenotype in overexpressing *GhGATL* genes lines and WT. (a) qRT-PCR analysis of *GhGATL* genes in WT and overexpressing *GhGATL* genes lines. (b) Morphology of stamen between WT and overexpressing *GhGATL* genes lines. Bar = 0.5 mm. (c) Measurement of stamen length. Significant differences compared with WT (Student's *t*-test): \*,  $P < 0.05$ , \*\*,  $P < 0.01$ , \*\*\*,  $P < 0.001$ .

