



S6 Fig. Effect of knock-down of *GNPI* in transgenic rice lines.

(A) Comparison of GNP and FGN between six independent *GNPI* mimic artificial miRNA transgenic lines and CK (transgenic negative control). Values are means \pm s.d. (n = 10). (B) Relative expression levels of *GNPI* in the flag leaves of six independent *GNPI* mimic artificial miRNA transgenic lines and CK. Values are means \pm s.d. (n = 4). (C) Gross morphology of three independent *GNPI* mimic artificial miRNA transgenic lines and CK. Scale bar, 10 cm. (D) Comparison of plant height between three independent *GNPI* mimic artificial miRNA transgenic lines and CK. Values are means \pm s.d. (n = 10). Asterisks represent significant difference determined by Student's t-test at p -value < 0.001 (***), p -value < 0.01 (**), p -value < 0.05 (*), not significant (n.s.).