



河北农业大学
HEBEI AGRICULTURAL UNIVERSITY

崇德 务实 求是

An LRR-TM gene in Dt09 promotes SA accumulation to function in Verticillium wilt resistance in cotton

Xingfen Wang

Hebei Agricultural University

Baoding, China

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Overexpression of *GbVe* enhanced Verticillium wilt resistance in cotton

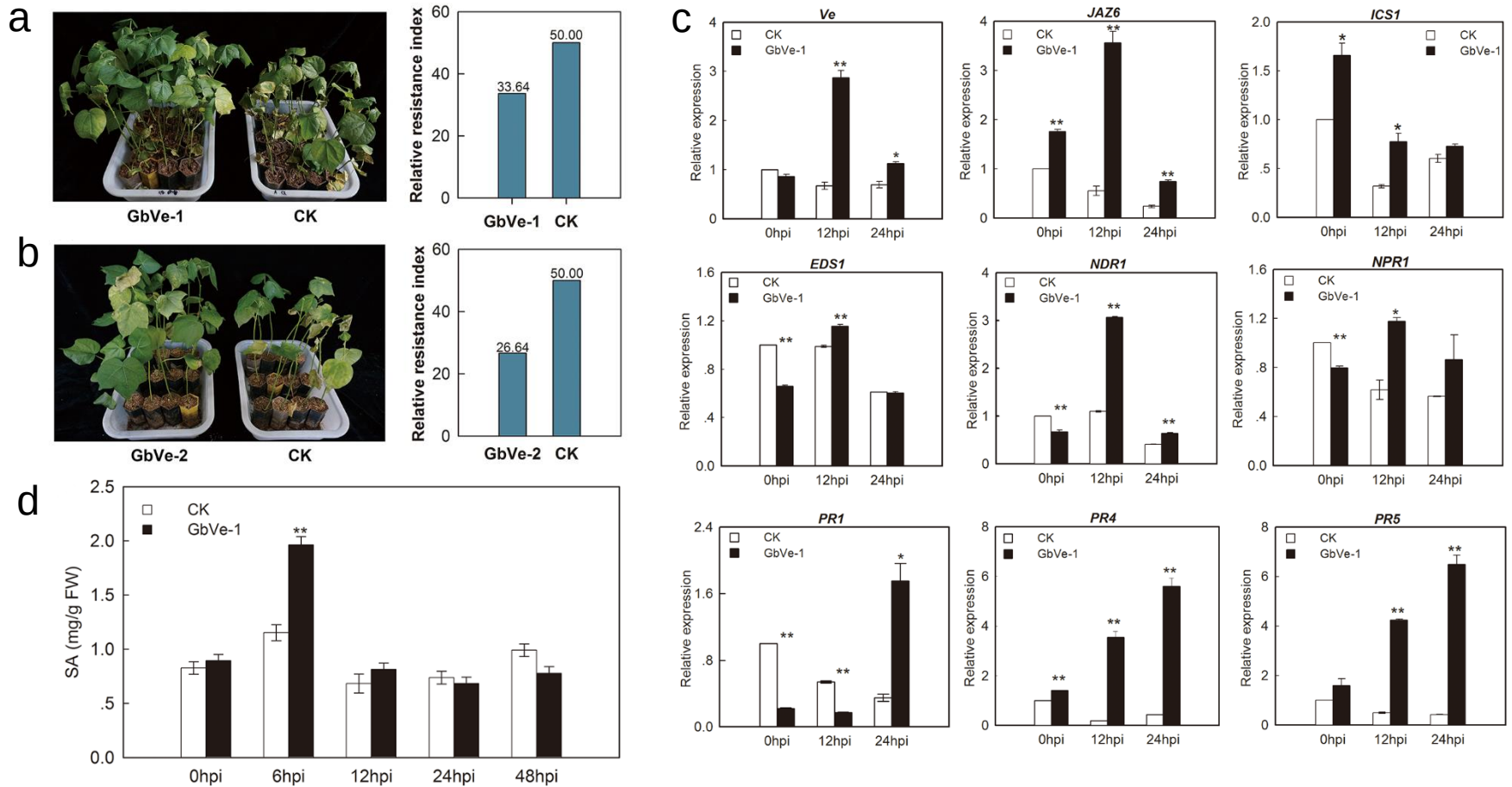


Fig. 1 *GbVe* endowed cotton resistance to Verticillium wilt

◆ ***GbVe* improved Verticillium wilt resistance via activating SA signal pathway in cotton**

Function analysis of *Ve* via VIGS in cotton

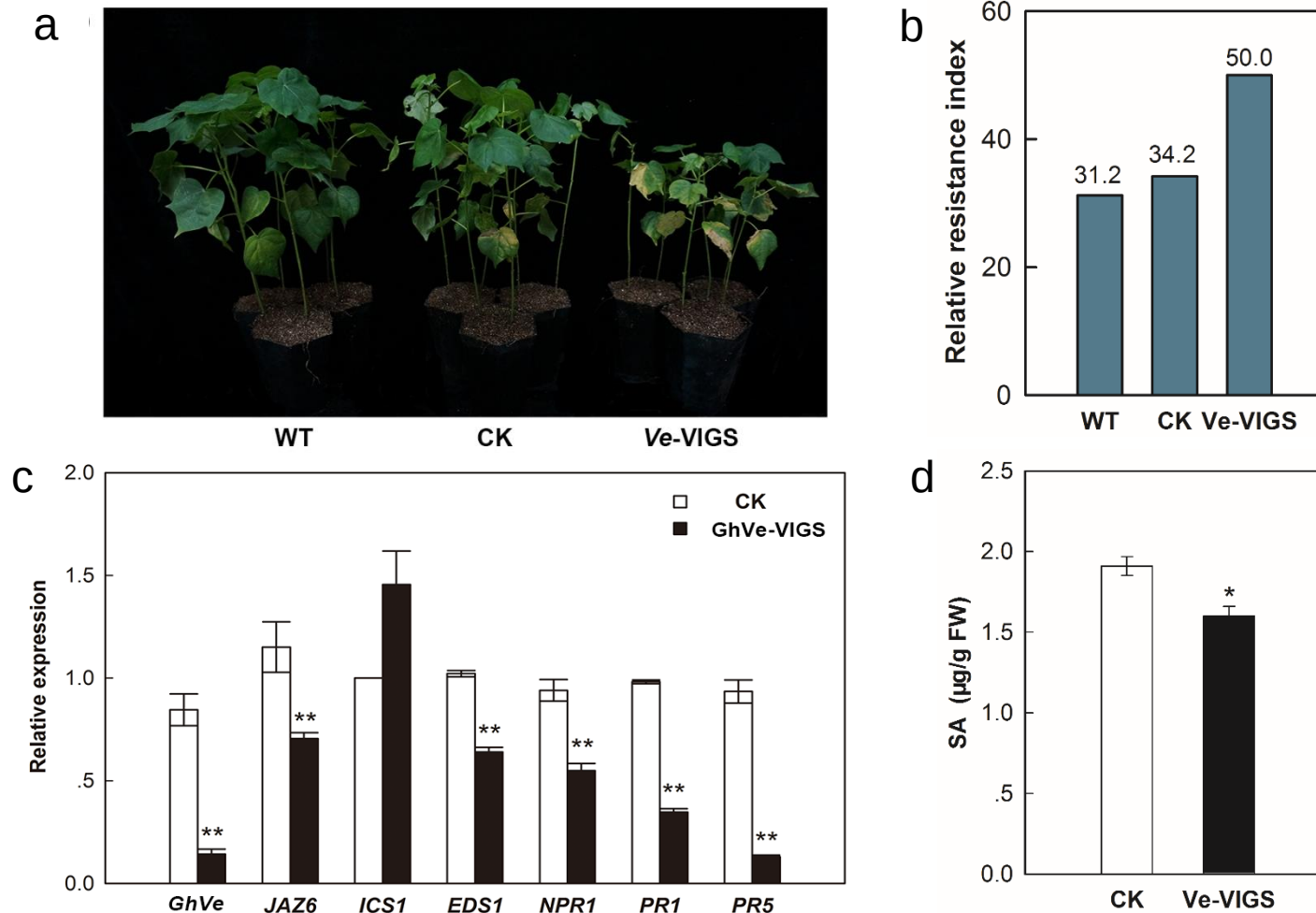


Fig. 2 The phenotypes and gene expression detection in GhVe-silenced cotton

- ◆ Silenced *Ve* resulted in decreased *Verticillium* wilt resistance

GbVe interacts with GbNHL13 evidenced *in vivo*

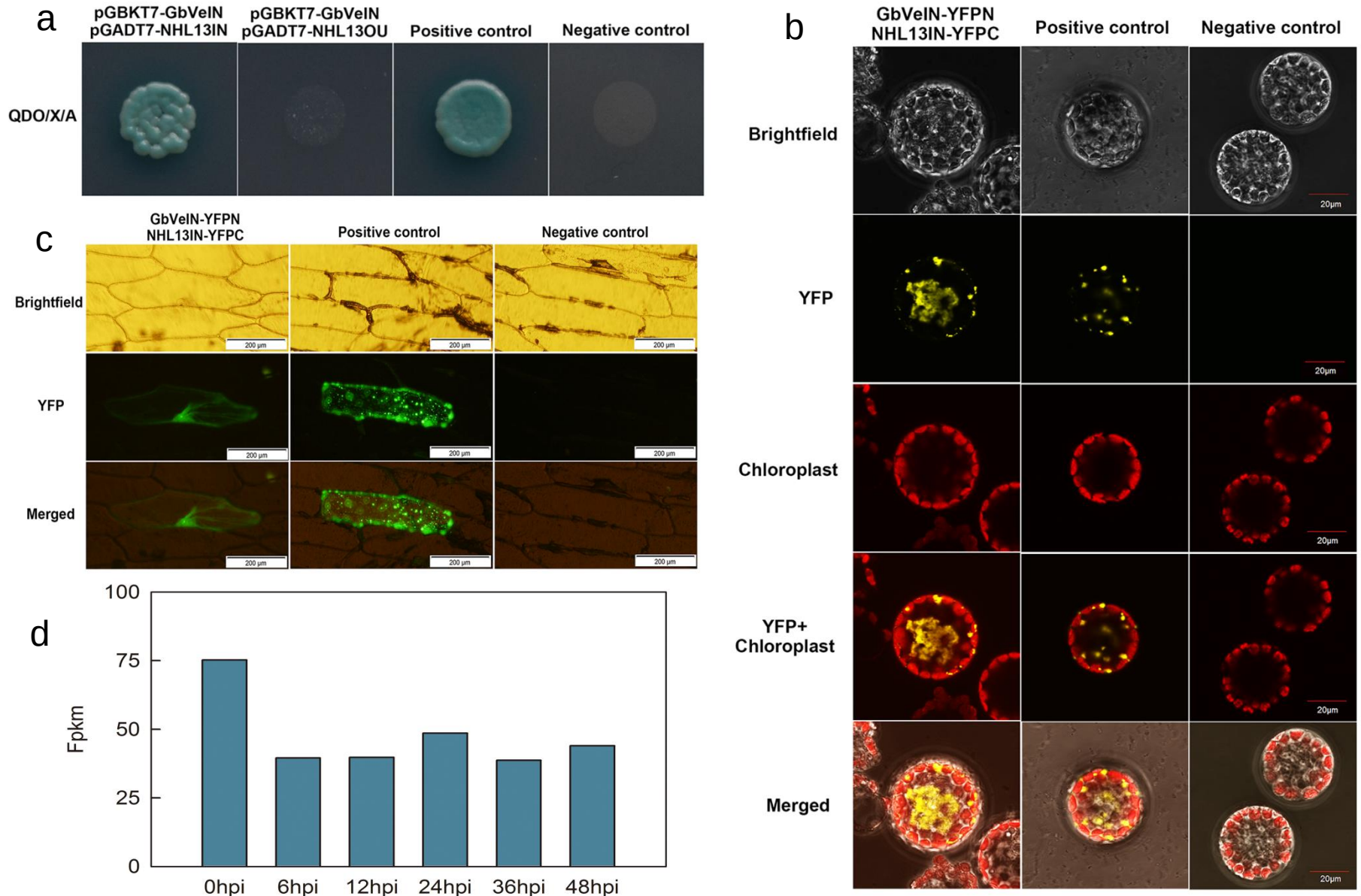


Fig. 3 Analysis of GbVe and NHL13 interaction

Thanks for your attention

