

Correction

PLANT BIOLOGY

Correction for “Expanded functions for a family of plant intracellular immune receptors beyond specific recognition of pathogen effectors,” by Vera Bonardi, Saijun Tang, Anna Stallmann, Melinda Roberts, Karen Cherkis, and Jeffery L. Dangl, which appeared in issue 39, September 27, 2011, of *Proc Natl Acad Sci USA*

(108:16463–16468; first published September 12, 2011; 10.1073/pnas.1113726108).

The authors note that Fig. 2 appeared incorrectly. The corrected figure and its legend appear below.

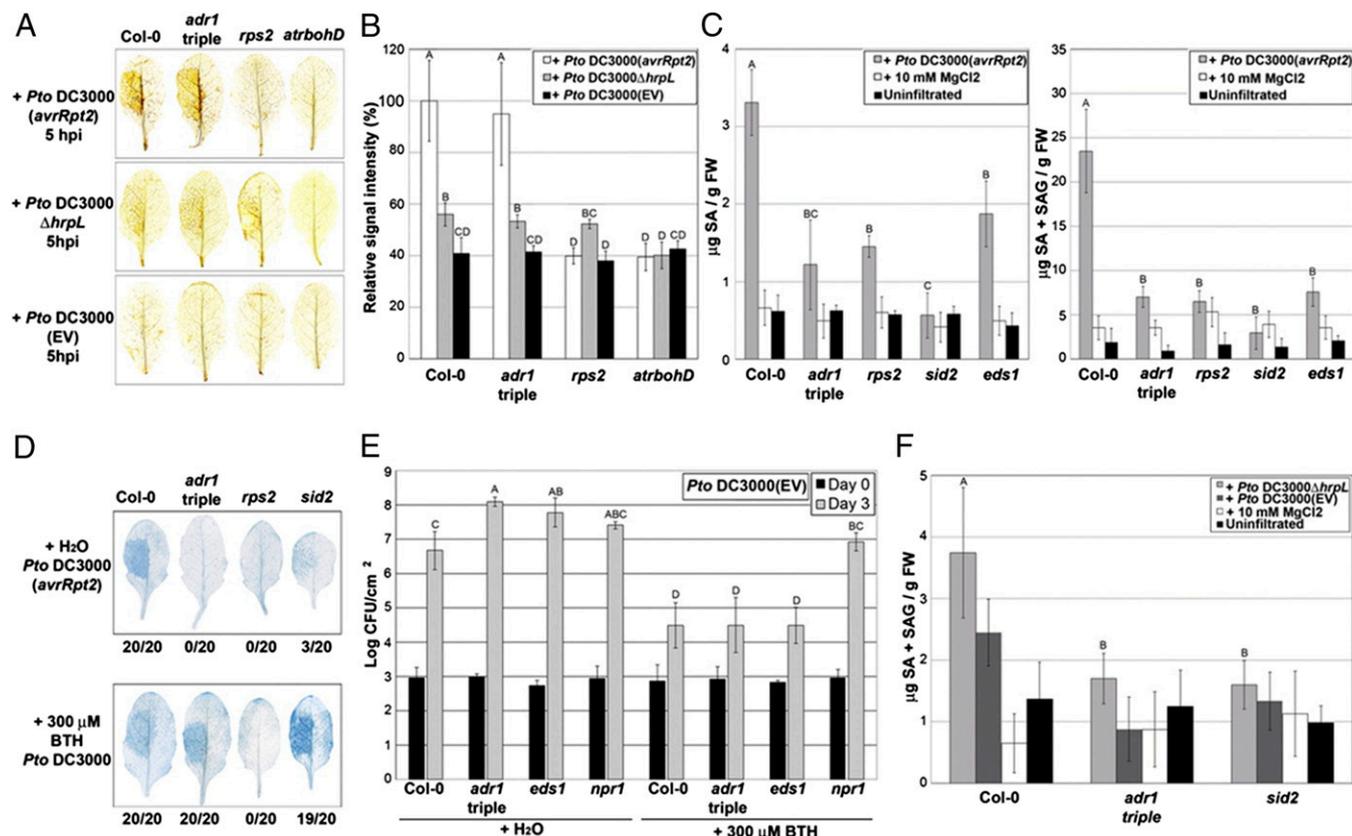


Fig. 2. ADR1 proteins are required for effector-independent SA accumulation following a superoxide burst. (A) Leaves from 4-wk-old plants were hand-infiltrated with *Pto* DC3000(*avrRpt2*), *Pto* DC3000 Δ *hrpL*, or *Pto* DC3000(EV). H₂O₂ accumulation was monitored by 3',3'-diaminobenzidine (DAB) staining at 5 h post inoculation (hpi). Leaves are representative of 10 individuals. (B) DAB staining shown in A was quantified (mean \pm 2 \times SE, *n* = 5). Letters indicate a significant difference following post-ANOVA Student's *t* test (α = 0.05). (C) Leaves from 4-wk-old plants were hand-infiltrated with *Pto* DC3000(*avrRpt2*) or with MgCl₂. Free (Left) and total SA (Right) were measured at 24 hpi (mean \pm 2 \times SE, *n* = 4). (D) *Pto* DC3000(*avrRpt2*) was hand-infiltrated into leaves from 4-wk-old plants pretreated with either H₂O (Upper) or BTH (Lower) 24 h before bacterial infiltration. Leaves were collected 10 hpi and stained with trypan blue. Leaves are representative of 20 individuals. Numbers indicate how many leaves showed HR out of the total number of leaves analyzed. (E) Four-week-old plants were sprayed with either H₂O or BTH. Leaves were hand-infiltrated with *Pto* DC3000(EV) 2 d post application (dpa). Bacterial growth was monitored at 0 and 3 dpi, mean \pm 2 \times SE (*n* = 4). (F) Leaves from 4-wk-old plants were hand-infiltrated with *Pto* DC3000 Δ *hrpL*, *Pto* DC3000(EV), or MgCl₂. Total SA was measured at 9 hpi (mean \pm 2 \times SE, *n* = 4) and compared with SA levels from uninfiltrated plants. Letters indicate a significant difference among genotypes infiltrated with *Pto* DC3000 Δ *hrpL* following post-ANOVA Student's *t* test (α = 0.05). The experiments in A–F were repeated three times with similar results.

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