

***New Phytologist* Supporting Information File 5**

Article title: **Diverse mechanisms of resistance to *Pseudomonas syringae* in a thousand natural accessions of *Arabidopsis thaliana***

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The following Supporting Information is available for this article:

Fig. S12. Xan-2 shows the same weak effector-triggered immunity-like recognition of HopAM1 as Xan-5.

Fig. S13. AvrPto or AvrPtoB recognition mediates resistance to *Pseudomonas syringae* pv. *tomato* (*Pst*) DC3000 in Bu-22 and Bu-25 *Arabidopsis* accessions.

Fig. S14. Mechanisms of resistance against *Pseudomonas syringae* pv. *tomato* (*Pst*) DC3000 identified in *Arabidopsis thaliana* accessions.

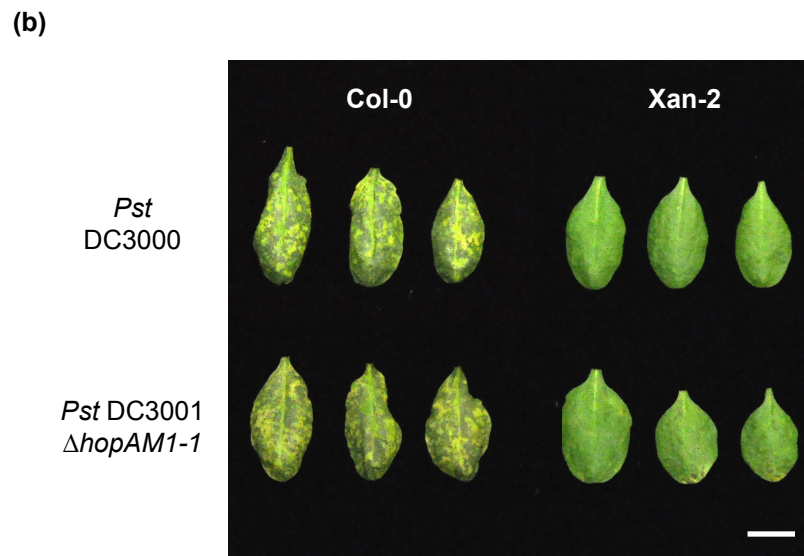
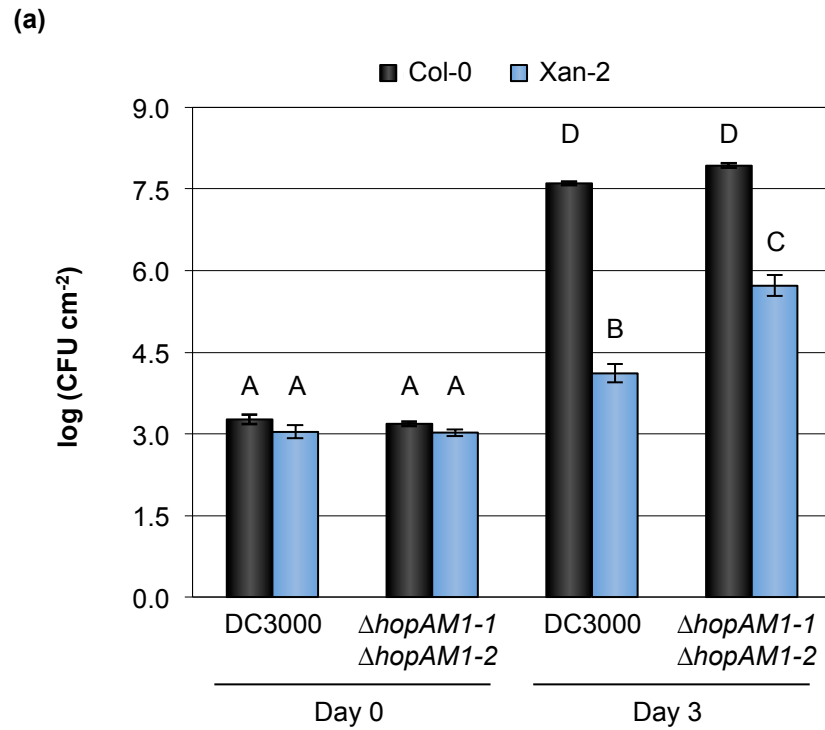
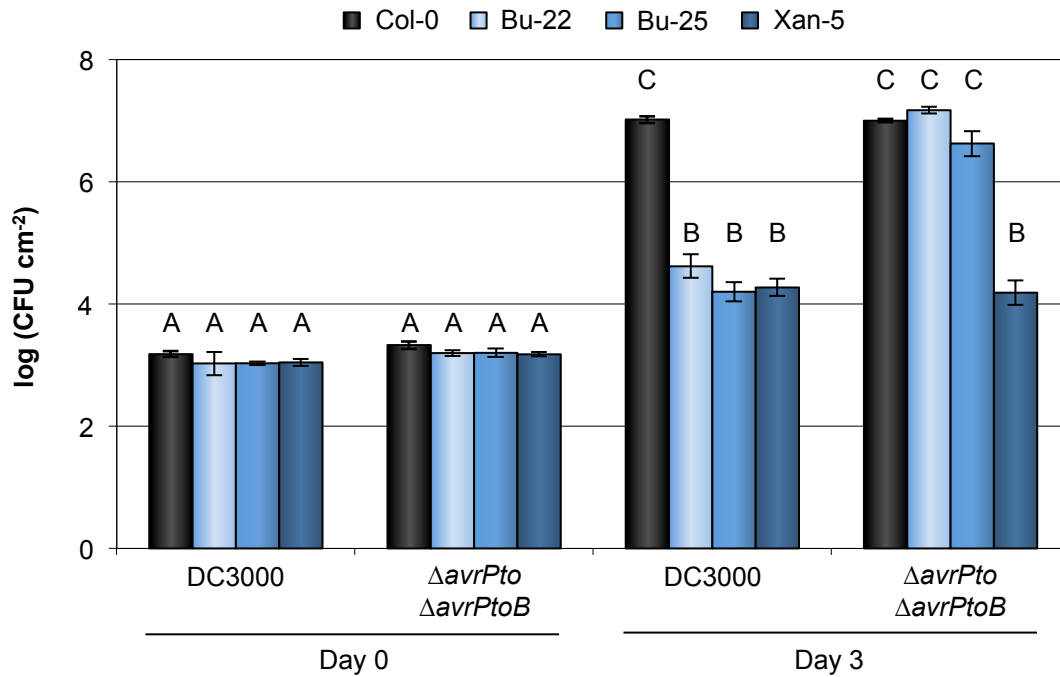


Fig. S12. Xan-2 shows the same weak effector-triggered immunity-like recognition of HopAM1 as Xan-5.

(a) *In planta* bacterial growth in Xan-2 and Col-0 Arabidopsis accessions after infiltration with *Pseudomonas syringae* pv. *tomato* (*Pst*) DC3000 and *Pst* DC3001 $\Delta hopAM1-1$ ($\Delta hopAM1-1 \Delta hopAM1-2$) at an inoculum of 10^6 CFU ml⁻¹. Error bars show the standard error of 3 and 8 biological samples for days 0 and 3, respectively. Letters above each bar indicate similar groups as determined with a Tukey HSD test ($P < 0.05$).

(b) Disease symptoms 3 days after inoculation with *Pst* DC3000 and *Pst* DC3001 $\Delta hopAM1-1$ at an inoculum of 10^6 CFU ml⁻¹. Image was composed from accessions' individual images from a single experiment. Length of white bar represents 1 cm.

(a)



(b)

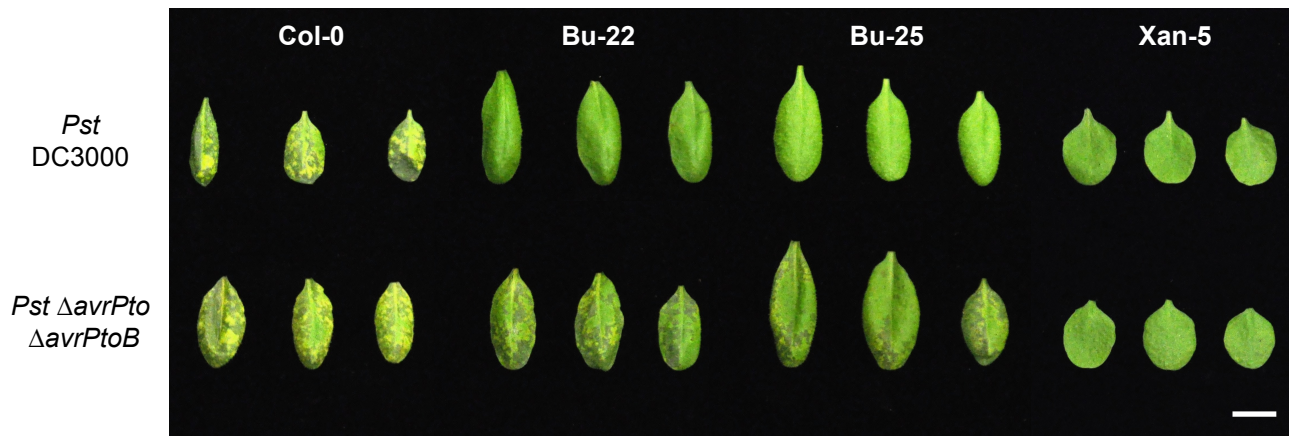


Fig. S13. AvrPto or AvrPtoB recognition mediates resistance to *Pseudomonas syringae* pv. *tomato* (*Pst*) DC3000 in Bu-22 and Bu-25 Arabidopsis accessions.

(a) *In planta* bacterial growth in *Pst*-resistant accessions after infiltration with *Pst* DC3000 and *Pst* $\Delta\text{avrPto}\Delta\text{avrPtoB}$ at an inoculum of 10^6 CFU ml⁻¹. Error bars show the standard error of 3 and 6 biological samples for days 0 and 3, respectively. Letters above each bar indicate similar groups as determined with a Tukey HSD test ($P < 0.05$). Notice that the absence of AvrPto and/or AvrPtoB allows *Pst* DC3000 to multiply to high titers in Bu-22 and Bu-25 accessions.

(b) Disease symptoms 3 days after inoculation with *Pst* DC3000 and *Pst* $\Delta\text{avrPto}\Delta\text{avrPtoB}$ at an inoculum of 10^6 CFU ml⁻¹. Image was composed from accessions' individual images from a single experiment. Length of white bar represents 1 cm.

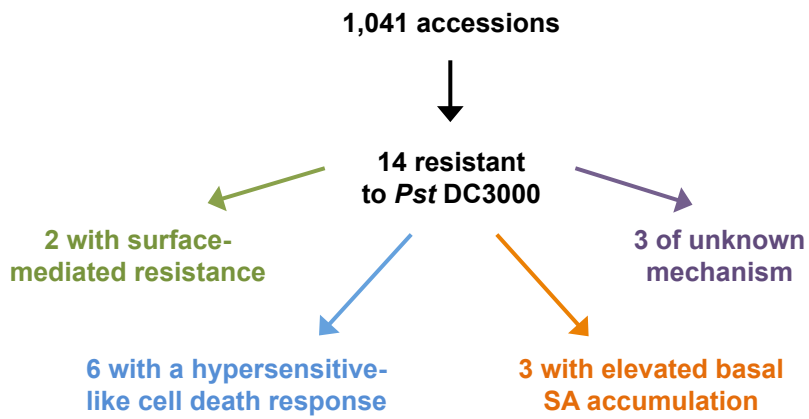


Fig. S14. Mechanisms of resistance against *Pseudomonas syringae* pv. *tomato* (*Pst*) DC3000 identified in *Arabidopsis thaliana* accessions.

Mechanisms of resistance are color-coded as they were throughout the manuscript. Abbreviation: SA = salicylic acid.