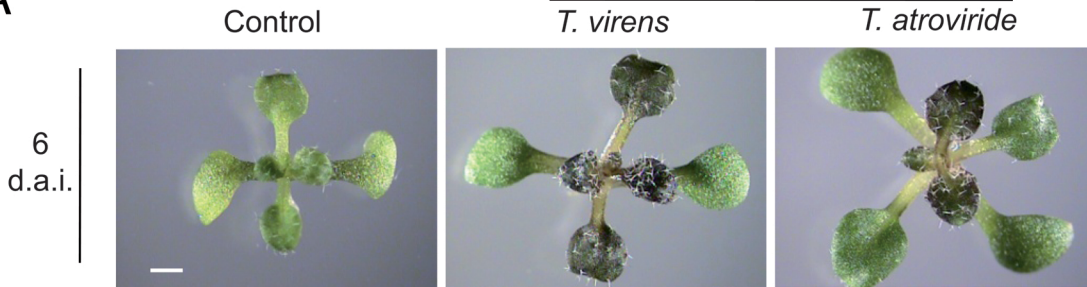
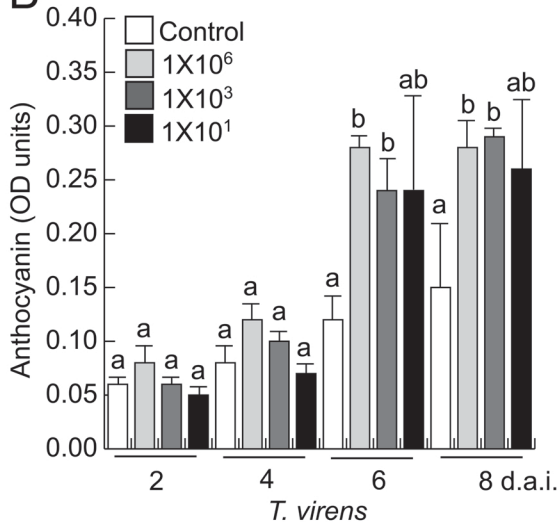


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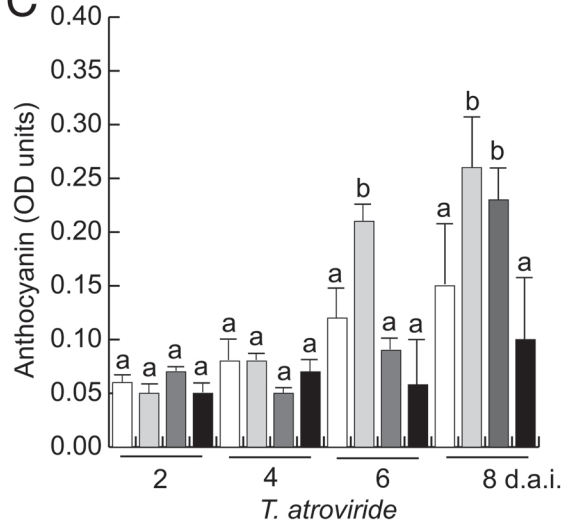
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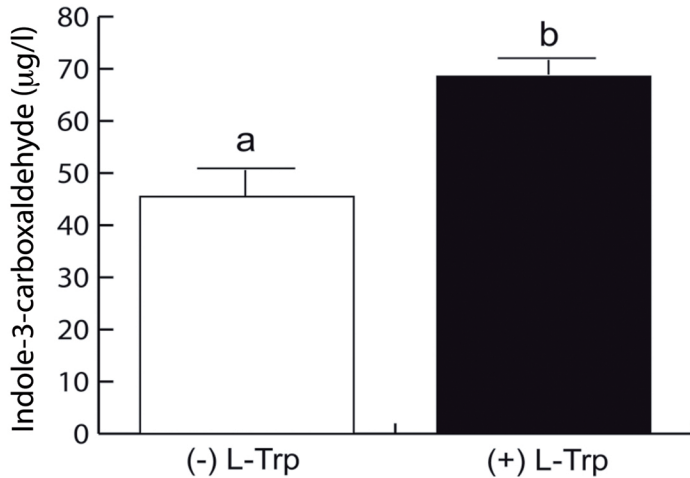
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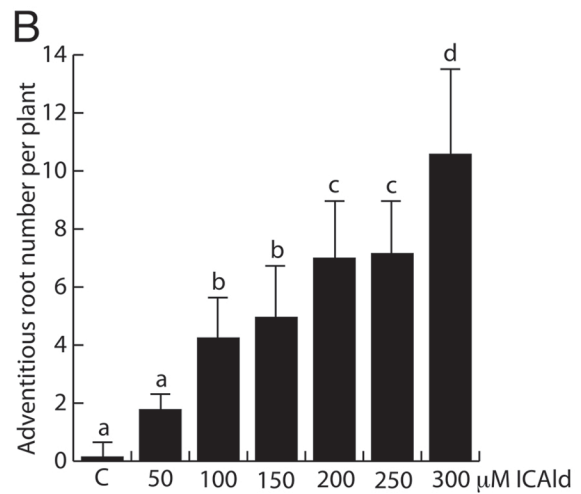
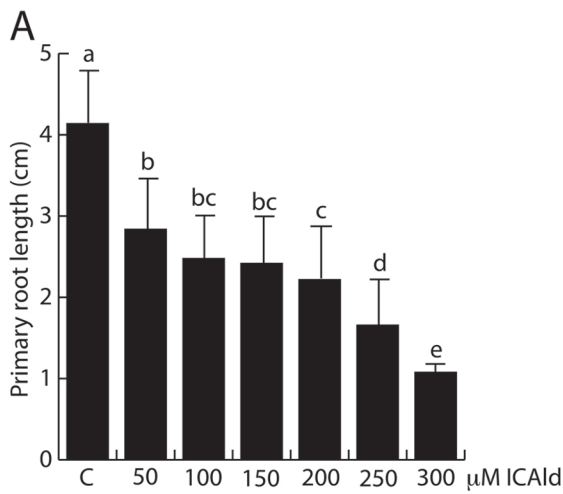
C



Supplementary figure S1. Anthocyanin accumulation in response to *Trichoderma* inoculation. *Arabidopsis* seedlings were germinated and grown for 4-d on MS plates and then inoculated with 10^6 , 10^3 and 10^1 *Trichoderma* conidia. (A-C), Anthocyanin levels in seedlings were determined every two days in a kinetic plant-fungus co-cultivation experiment. Control plants (white bars) were treated with water. The bars show the means (\pm SD) of four replicate plates containing five seedlings each. Different letters are used to indicate means that differ significantly ($P < 0.05$). The experiment was repeated three times with similar results.



Supplementary figure S2. Quantification of ICAlD from *T. virens* culture medium supplemented or not with L-Trp. Bars represent the mean \pm SD of three independent cultures that were extracted for ICAlD determinations. Different letters are used to indicate means that differ significantly ($P < 0.05$). The experiment was repeated twice with similar results.



Supplementary figure S3. Effect of ICAId on Arabidopsis root development. Arabidopsis (Col-0) seedlings were germinated and grown for 12d under increased ICAId concentrations. (A) Primary root length. (B) Adventitious root number. (C–D) Representative photographs of control seedlings and seedlings treated with 150 μM ICAId. Values represent the means of 30 seedlings \pm SD. Different letters represent means statistically different ($P < 0.05$). The experiment was repeated twice with similar results.