

Supplementary Materials

Negative effects of rhizobacteria association on plant recruitment of generalist predators

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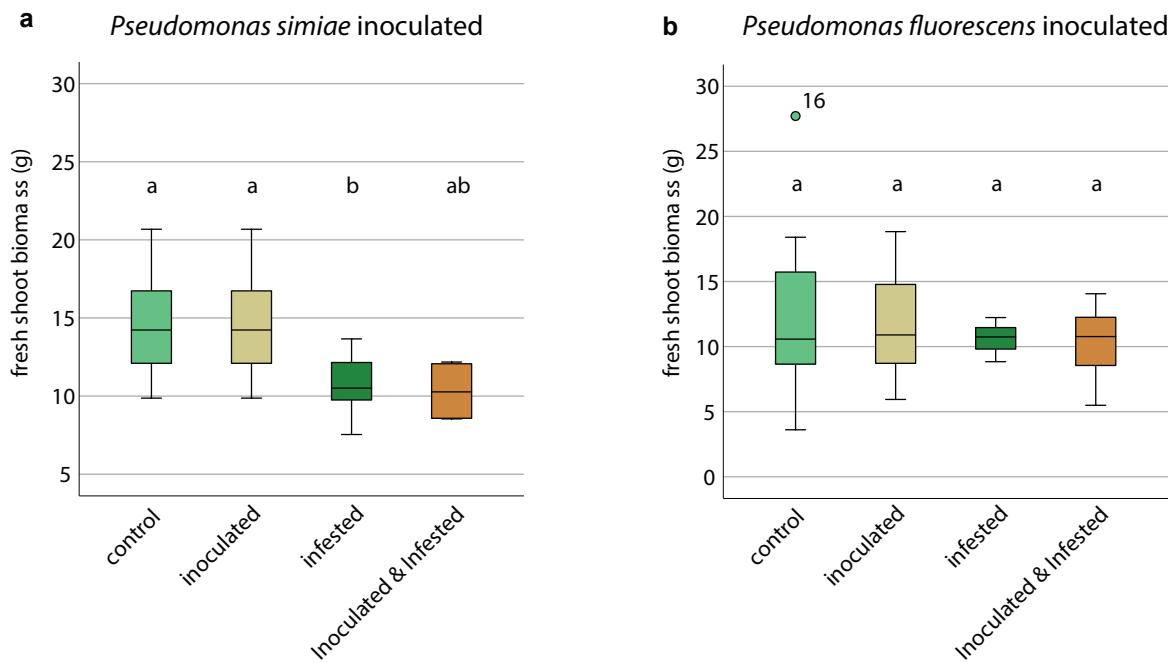


Figure S1. Fresh shoot biomass (g) of tomato plants *Solanum lycopersicum* exposed to inoculation with two strains of rhizobacteria and herbivory by *Spodoptera littoralis*: (a) non-infested control plants; plants inoculated with *Pseudomonas simiae*; herbivore-infested plants; infested and inoculated plants with *Pseudomonas simiae*. (b) non-infested control plants; plants inoculated with *Pseudomonas fluorescens*; infested plants; plants infested and inoculated with *Pseudomonas fluorescens*. Data was analyzed with generalized linear mixed model, and Bonferroni used as post-hoc test.

Table S1: Volatile organic compounds quantified in blends of tomato plants *Solanum lycopersicum* exposed to two strains of rhizobacteria and herbivory by *Spodoptera littoralis* adding to 6 treatments: (1) non-infested control plants (C); (2) inoculated plants with *Pseudomonas fluorescens* (Pf) or (3) with *Pseudomonas simiae* (Ps); (4) herbivore-infested plants (H); (5) infested and inoculated plants with *Pseudomonas fluorescens* (PfH) or (6) infested and inoculated with *Pseudomonas simiae* (PsH).

Trideca-1,3,7,11-tetraene, 4,8,12-trimethyl, (E,E)-	1585	10104 ± 9762	12766 ± 12958	9816 ± 10900	13616 ± 15845	7543 ± 6761	9290 ± 9240
Fatty acid and amino acids derivatives							
2-Ethyl-1-hexanol	1029	476 ± 339	589 ± 644	455 ± 318	446 ± 394	376 ± 267	509 ± 449
3-Hexen-1-ol, butanoate, (Z)-	1189	0 ± 0	165 ± 204	57 ± 218	182 ± 443	0 ± 0	77 ± 177
N containing compound							
3-Methylbutanal, O-methyloxime-**		16 ± 13	13 ± 9	31 ± 50	17 ± 13	14 ± 11	24 ± 14
Unknown compound							
unknown m/z 168	1337	17 ± 18	24 ± 34	22 ± 18	16 ± 17	17 ± 15	19 ± 17

* Calculation of Arithmetic Index (AI) as described by Adams (2001)

** We did not calculate the arithmetic index for this compound because the shortest chain linear hydrocarbon we detected was octane