

Supplementary Materials:

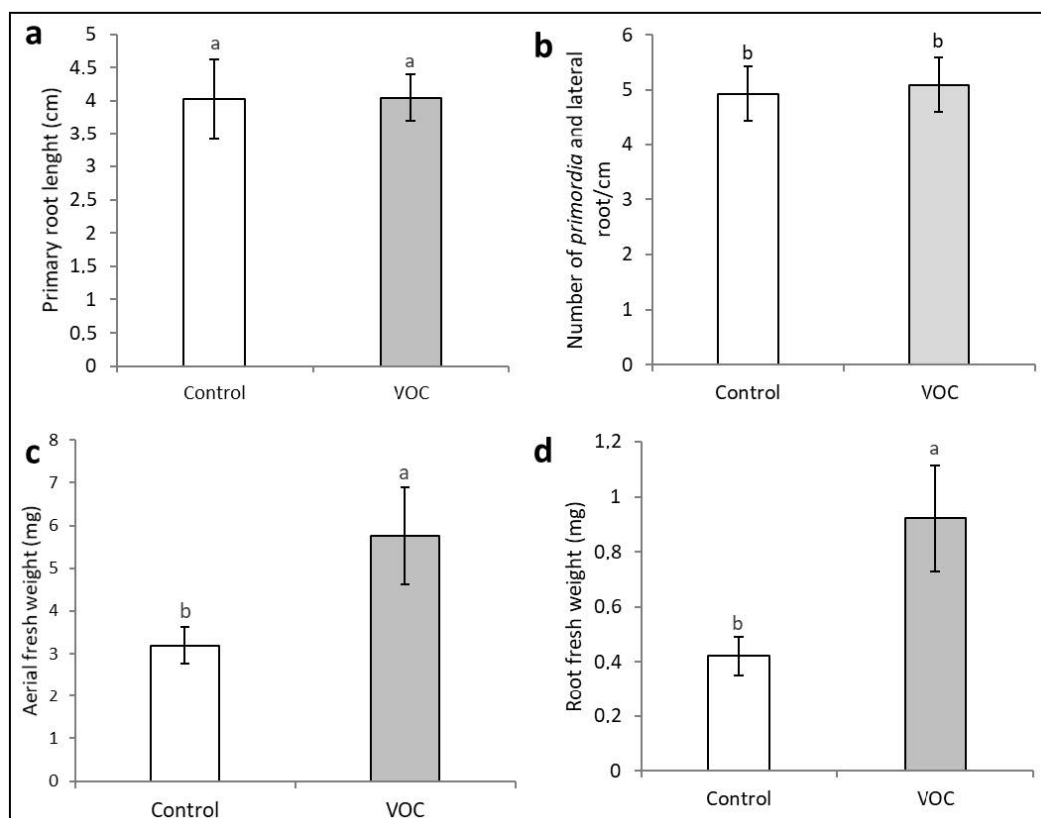


Figure S1. Primary root (a), primordia number and lateral root density (LR) (b), shoot fresh weight (c) and root fresh weight (d) in 10-day-old *Arabidopsis thaliana* in the presence or not (control) of volatile organic compounds (VOC) released by *S. sediminicola*. Error bars represent SD. Letters represents a significant difference from the control. Statistical analysis is Anova test.

Table S1. Primers used to target specific gene sequences in *Arabidopsis thaliana* inoculated and not-inoculated with *S. sediminicola*.

	Target	Left primer	Right primer
Auxin	<i>GH3.5</i>	GTTGTCACAAATTCGCTGGCTTG	GCGCGTTGTTGTAGAAACCAGTC
	<i>ARF7</i>	TCAAGGTCACAGTGAGCAAGTCG	TGTGGAGCATGCATATGAGCTTGG
	<i>ARF19</i>	ACAGCTCGAAGATCCGCTAACC	TGCACGCAGTTCACAAACTCTTC
Absciscic acid	<i>ABI1</i>	CATGTCGAGATCCATTGGCGATAG	ACTCTCTTCACAGCCGTCACCTC
Jasmonic acid	<i>LOX2</i>	TGGAGGGCATAACTTGGTCGAG	TGCGTAGTCTTCTACCGTAATCCG
	<i>JAZ1</i>	TGTTCTGAGTTCGTCGGTAGCC	AGTTCCATTGACATCAGGCTTGC
	<i>PDF1.2</i>	CTTGTTCTCTTTGCTGCTTTCGAC	TTGGCTCCTTCAAGGTTAATGCAC
Salicylic acid	<i>MYC2</i>	AACCACGTCGAAGCAGAGAGA	TTGGTACAACCGCTCGTAACGC
	<i>PR1</i>	ACACGTGCAATGGAGTTTGTGG	TTGGCACATCCGAGTCTCACTG
	<i>EDS1</i>	GCTCAATGACCTTGAGTGAGC	TCTTCCTCTAATGCAGCTTGAACG
	<i>ACTIN2</i>	TCTTCCGCTCTTTCTTTCCAAGC	ACCATTGTACACACGATTGGTTG