

Supplementary figures

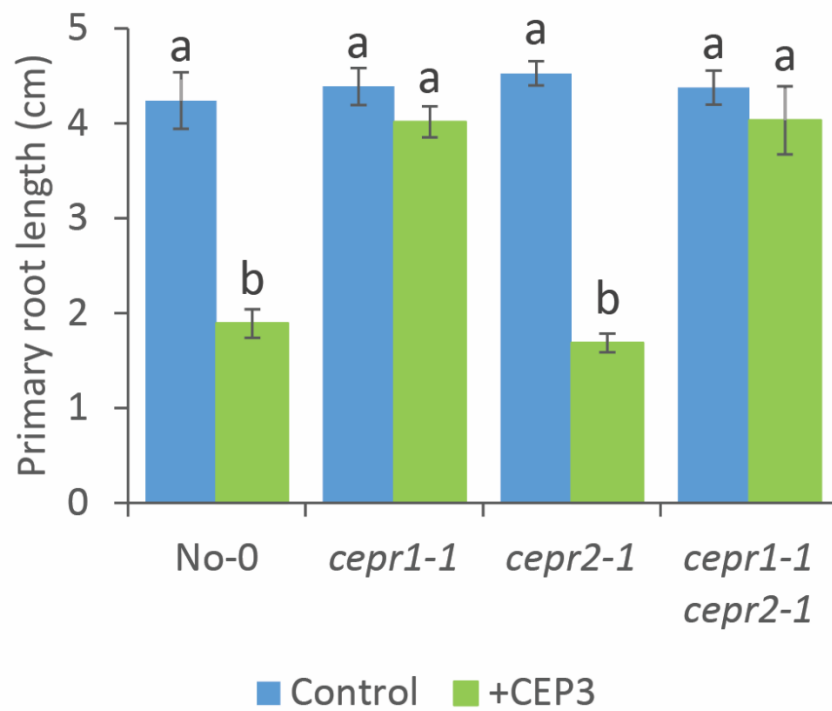


Figure S1. Loss of CEPR1 is sufficient to confer insensitivity to CEP peptide addition.

Primary root length of 12 day old seedlings grown in the presence or absence of 1 μ M CEP3 (n \geq 6). Different letters indicate a statistically significant difference (P \leq 0.05, Two-way ANOVA followed by Bonferroni multiple comparisons test).

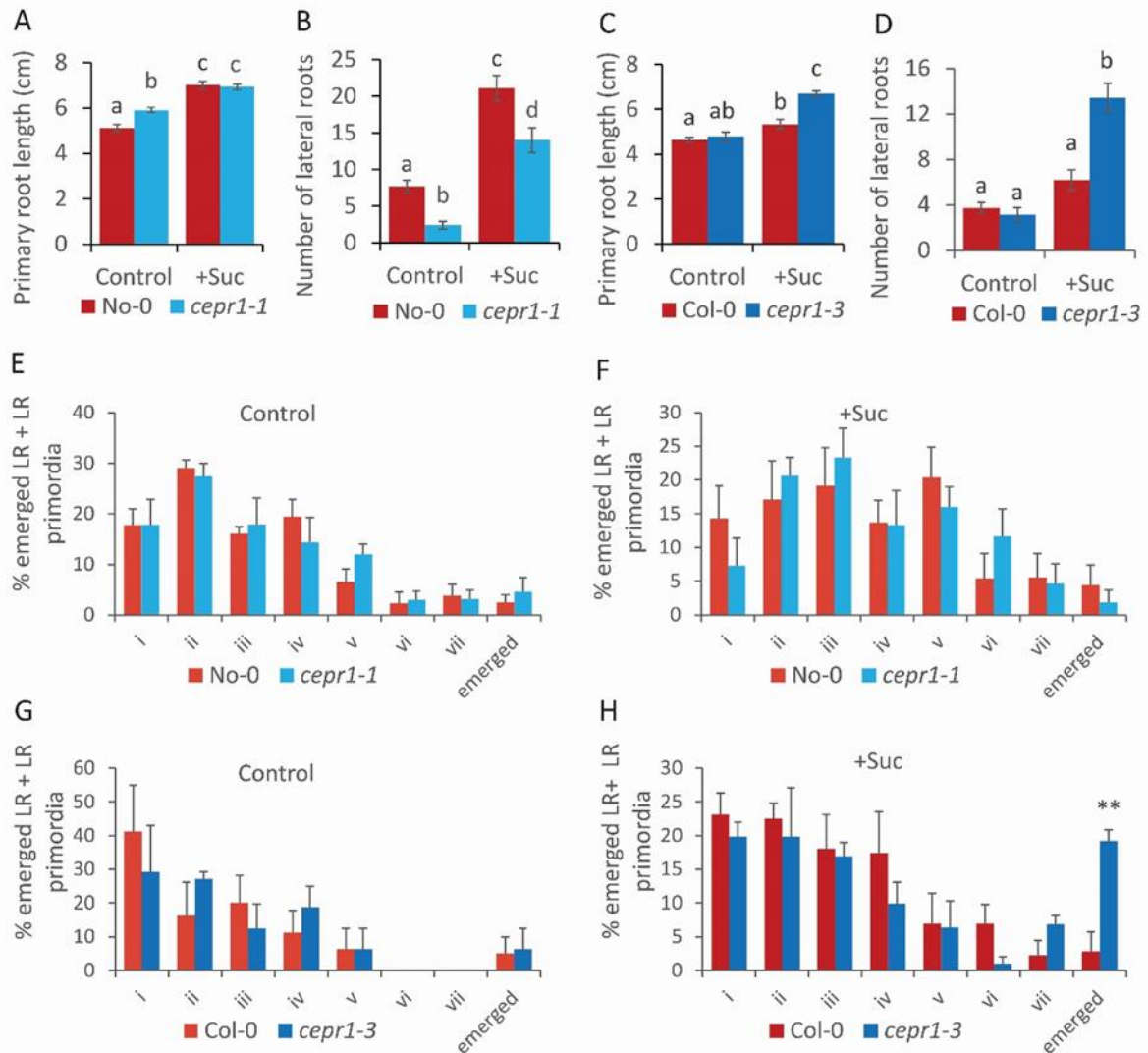


Figure S2. Effect of CEPR1 on primary root length, LR number and LR primordia

(A-D) Effect of sucrose addition on primary root length (A, C) and emerged LR number (B, D) in the No-0 (A, B) and Col-0 (C, D) backgrounds for seedlings grown for 12 days on medium with or without 1% suc ($n \geq 7$). Different letters indicate a statistically significant difference ($P \leq 0.05$, two-way ANOVA followed by Bonferroni multiple comparisons test) ($n \geq 7$). (E-H) Effect of sucrose addition on LR developmental staging in WT and *cepr1*. Percentage of emerged LRs + LR primordia at each stage of development for 7 day old seedlings in the No-0 (E, F) and Col-0 (G, H) background grown on medium lacking sucrose (E, G) or with 1% w/v sucrose (F, H) ($n \geq 4$). For E-H, statistically significant differences between WT and *cepr1* were determined using a Student's t-test: *, $P \leq 0.05$; **, $P \leq 0.01$; ***, $P \leq 0.001$. Bars indicate SE.