

### Supplementary Figure S1 Measurements of the Succeeding crop assay.

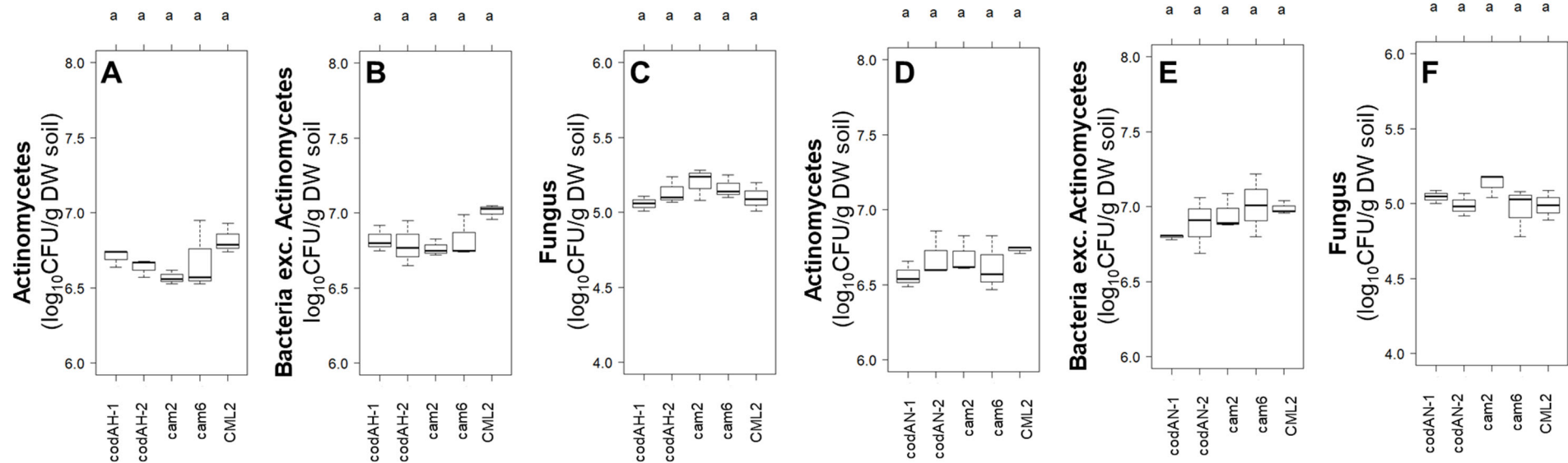
**A:** Relative hypocotyl lengths grown in post-cultivation soil of codAH and non-transgenic clones.

**B:** Relative radicle lengths grown in post-cultivation soil of codAH and non-transgenic clones.

**C:** Relative hypocotyl lengths grown in post-cultivation soil of codAN and non-transgenic clones.

**D:** Relative radicle lengths grown in post-cultivation soil of codAN and non-transgenic clones.

The hypocotyl and radicle lengths of the lettuce seedling grown in soils corrected from Eucalyptus pots were indicated as the relatives to that in the control soil. The boxplots were drawn by the plot function of R software (ver. 3.4.2) with the default setting. Different letters on top of plot areas: Significant differences among clones by the Tukey's HSD test by the TukeyHSD function of R software ( $\alpha = 0.05$ ).



**Supplementary Figure S2 Number of soil microorganisms.**

**A:** Numbers of actinomycetes bacteria in post-cultivation soil of codAH and non-transgenic clones.

**B:** Numbers of bacteria except actinomycetes in post-cultivation soil of codAH and non-transgenic clones.

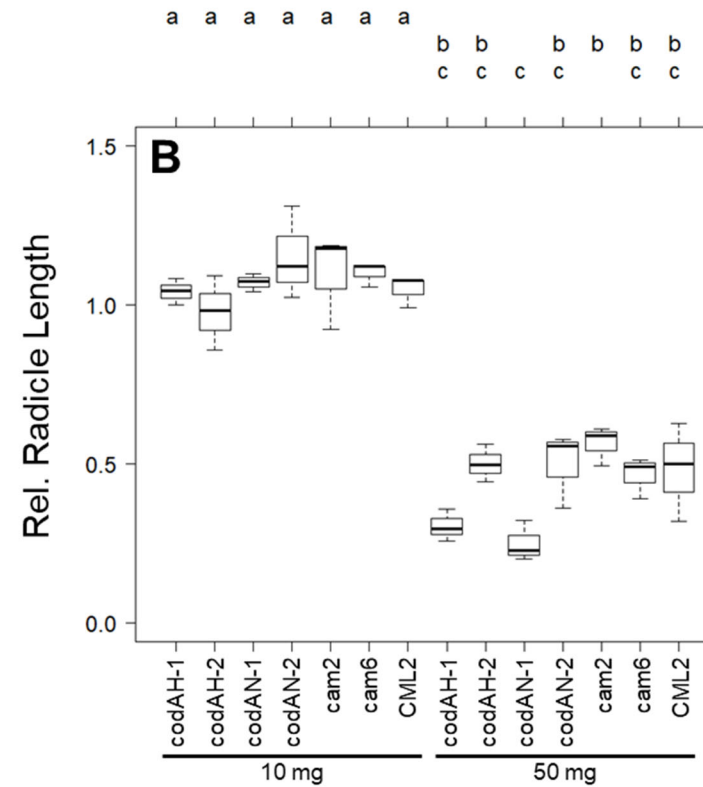
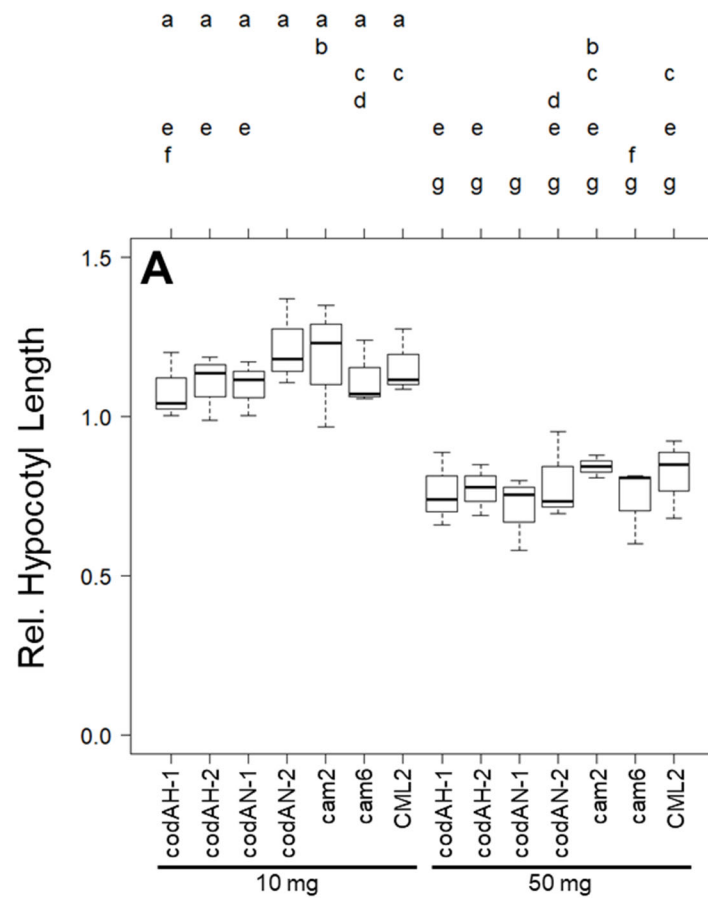
**C:** Numbers of fungus in post-cultivation soil of codAH and non-transgenic clones.

**D:** Numbers of actinomycetes bacteria in post-cultivation soil of codAN and non-transgenic clones.

**E:** Numbers of bacteria except actinomycetes in post-cultivation soil of codAN and non-transgenic clones.

**F:** Number of fungus in post-cultivation soil of codAN and non-transgenic clones.

The logarithmic numbers of culturable aerobic microorganism in soils corrected from Eucalyptus pots were plotted as boxplots drawn by the plot function of R software (ver. 3.4.2) with the default setting. Different letters on top of plot areas: Significant differences among clones by the Tukey's HSD test ( $\alpha = 0.05$ ).



**Supplementary Figure S3 Measurements of the Sandwich assay.**

**A:** Relative hypocotyl lengths grown in post-cultivation soil of transgenic and non-transgenic clones.

**B:** Relative radicle lengths grown in post-cultivation soil of transgenic and non-transgenic clones.

The hypocotyl and radicle lengths of the lettuce seedling grown in agar sandwiching 10 mg or 50 mg of Eucalyptus leaves were indicated as the relatives to that in the blank agar. The boxplots were drawn by the plot function of R software (ver. 3.4.2) with the default setting. Different letters on top of plot areas: Significant differences among clones by the Tukey's HSD test by the TukeyHSD function of R software ( $\alpha = 0.05$ ).