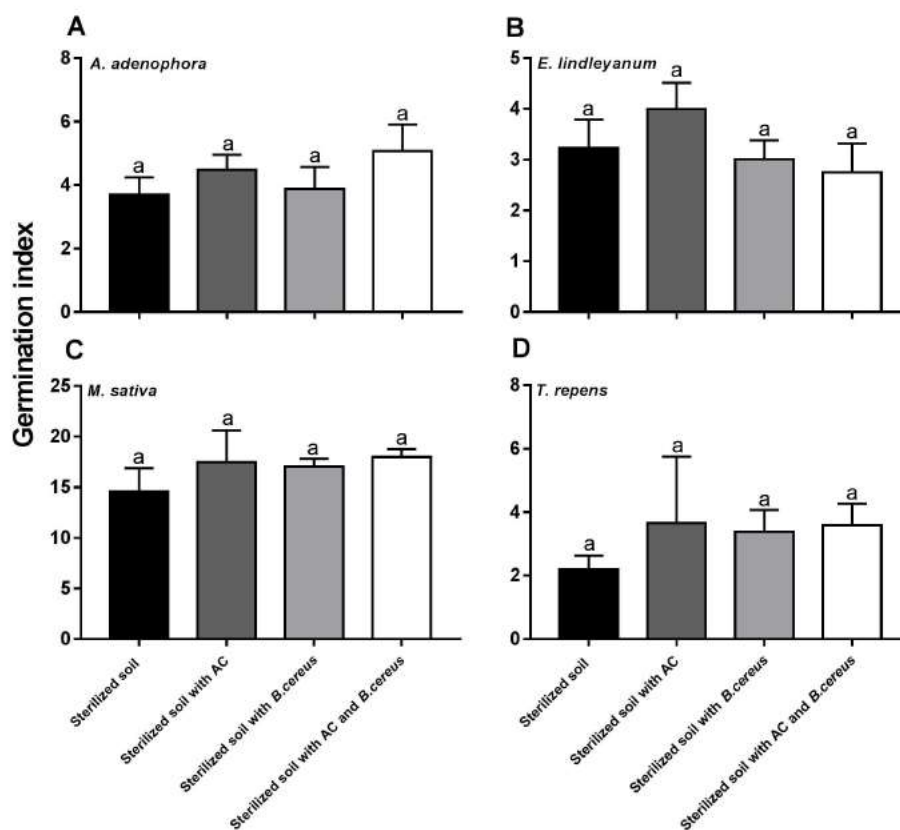


Appendix A The specific primers used for the qRT-PCR

Primer name	Sequence (5'-3')	Target group	Domain	Fragment length (bp)
F1	TTCCAGCTTCATGTAGGCGA	All groups	ATCC	161
R1	AGGTGGGGATGACGTCAAAT		14579	



Appendix B Germination index of four test plants grown in four kinds of soil, including sterilized soil, sterilized soil with activated carbon (AC), sterilized soil with *Bacillus cereus*, and sterilized soil with *B. cereus* and AC (mean \pm SE, n=30). Different letters indicate significant differences ($P<0.05$) according to one-way ANOVA (Fisher's protected LSD test).