

Resource Summary Report

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Pseudomonas syringae seed infections

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Type: Protocol

Proper Citation

William Rooney, Janet Laird (University of Glasgow), Mechna Chowdhury (University of Glasgow), Catriona MacIntosh (University of Glasgow), Xiaoyi Deng (University of Glasgow), Phoebe McBride (University of Glasgow), Joel Milner (University of Glasgow) 2021. *Pseudomonas syringae* seed infections. protocols.io
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Protocol Information

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Authors: William Rooney, Janet Laird (University of Glasgow), Mechna Chowdhury (University of Glasgow), Catriona MacIntosh (University of Glasgow), Xiaoyi Deng (University of Glasgow), Phoebe McBride (University of Glasgow), Joel Milner (University of Glasgow)

Summary: Seed contamination represents a critical route for the transmission of bacterial plant diseases. Here we have created a step-by-step protocol for in vitro seed infections of *Pseudomonas syringae*. This protocol provides a robust method for *P. syringae* infection in cucumber. This synthetic seed infection assay is generally applicable for *P. syringae* as we have successfully adapted it for both tomato and soybean.

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