



Figure S1: Pectinolytic activity of the strain IR1503 on potato disk (A), and hypersensitive reaction of the same strain on tobacco (B) and common bean (C) leaves.



Figure S2: Inoculation of mushroom caps with non-pathogenic strain of *Escherichia coli* dh5α (left) and brown blotch pathogen of mushrooms *Pseudomonas tolaasii* CFBP 8707 (right). While brown blotch symptoms were observed on the mushroom caps inoculated with *Pseudomonas tolaasii* CFBP 8707 (positive control), the caps inoculated *E. coli* remained symptomless until 72 hours post inoculation.

Ir1503



Ir1504

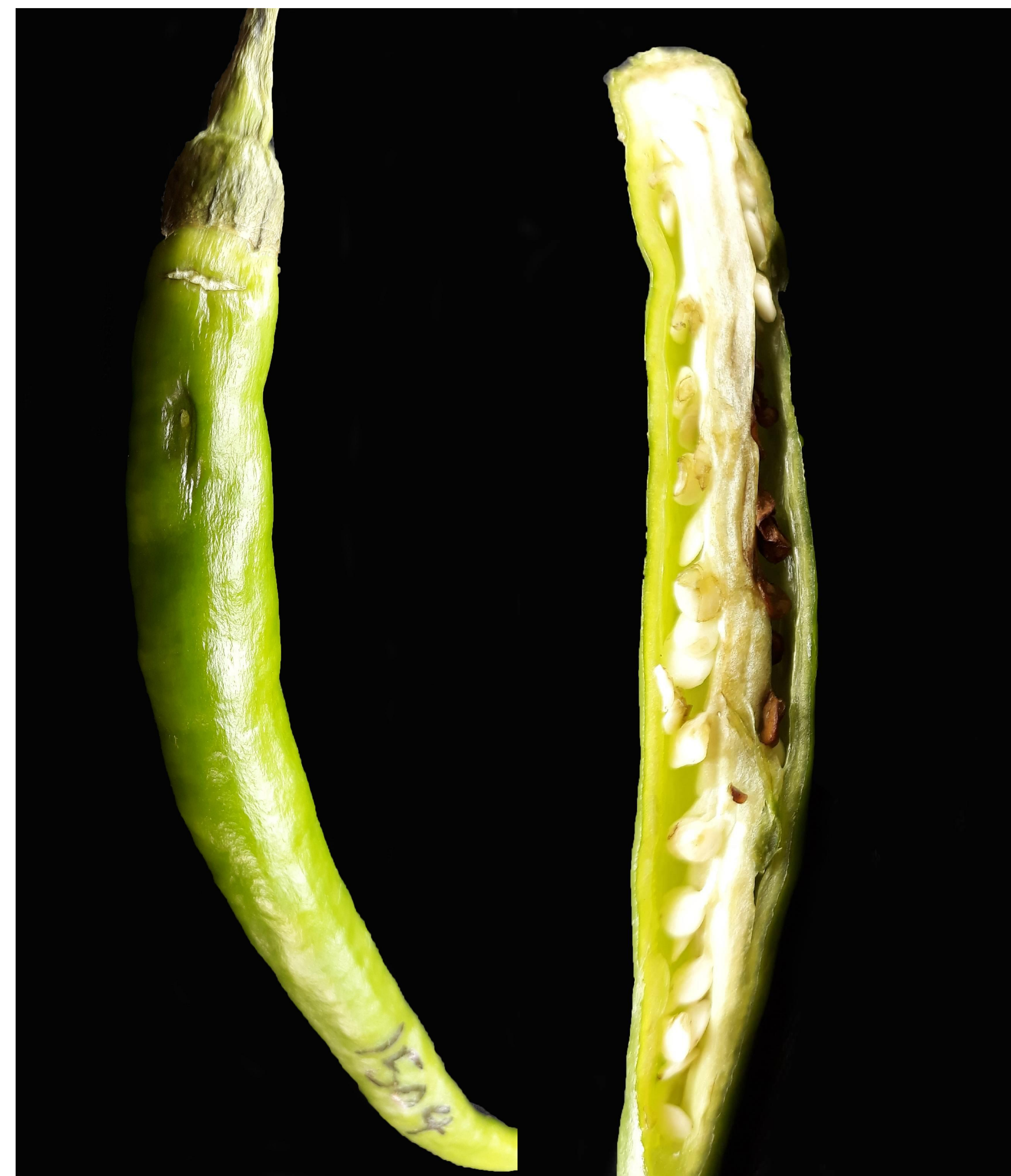


Figure S3: Pathogenicity of *Burkholderia gladioli* strains Ir1503 and Ir1504 on chili pepper.