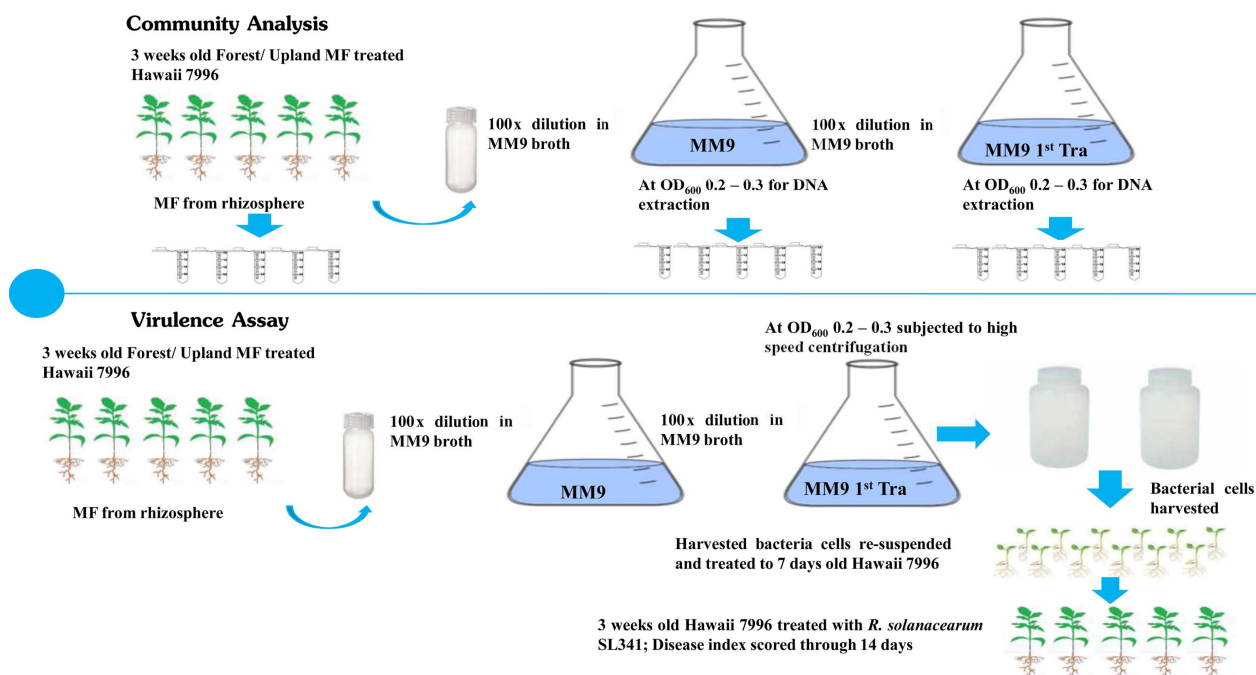
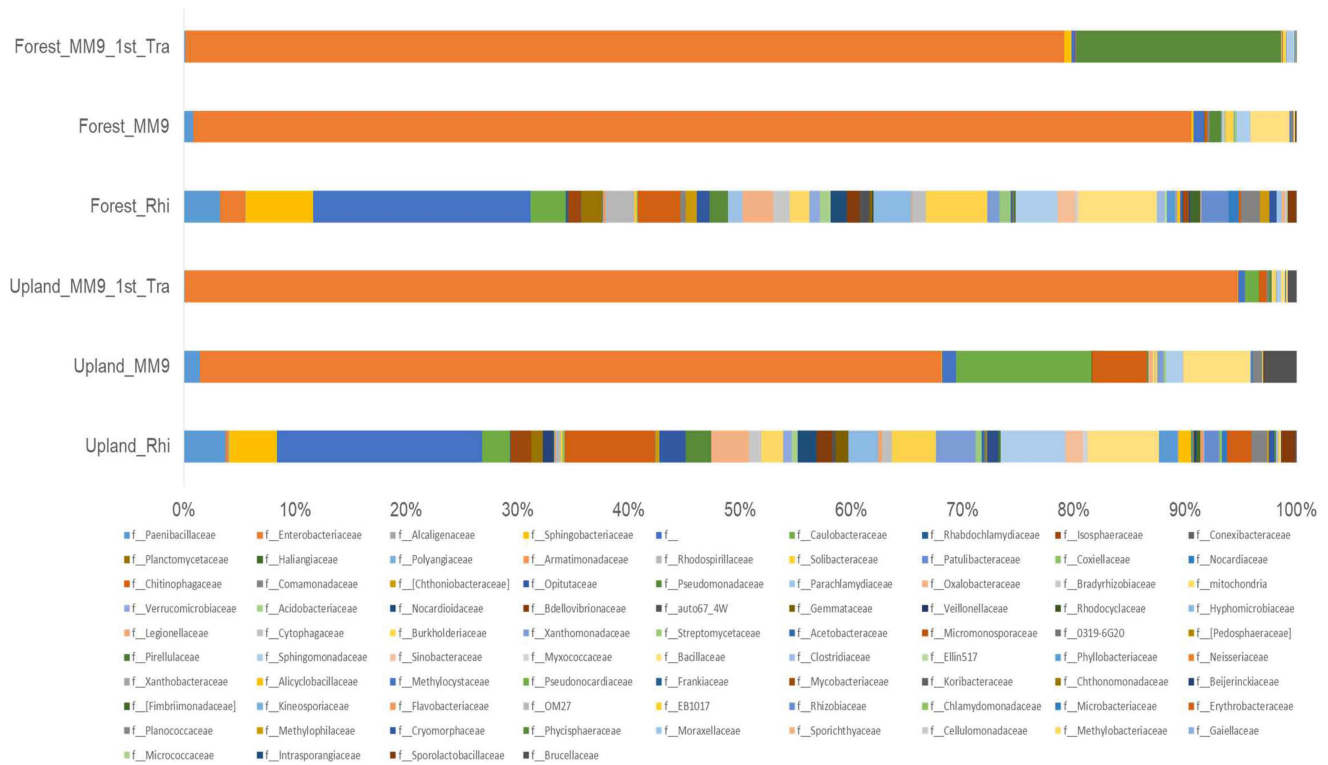


**Supplementary Table 1.** Composition of modified M9 media supplemented with carbon sources, organic acids and trace elements

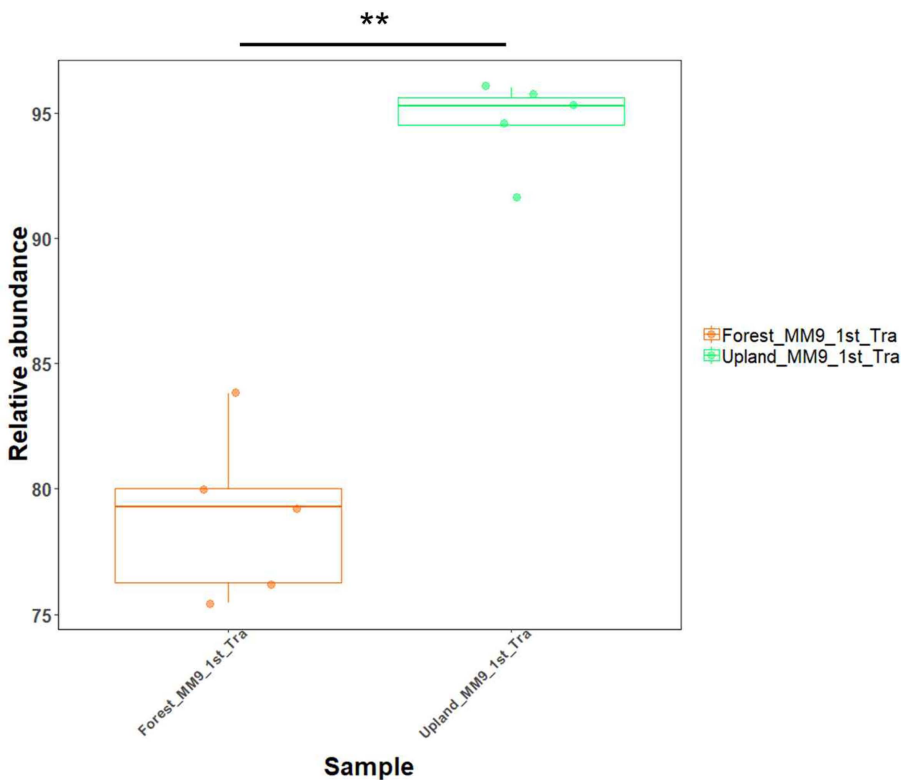
Composition of Modified M9 Media		
M9	Na <sub>2</sub> HPO <sub>4</sub>	6.78 g/l
	KH <sub>2</sub> PO <sub>4</sub>	3 g/l
	NaCl	0.5 g/l
	NH <sub>4</sub> Cl	0.5 g/l
	KNO <sub>3</sub>	0.5 g/l
	1 M MgSO <sub>4</sub>	2 ml/l
	1 M CaCl <sub>2</sub>	100 µl/l
Carbon source	Glucose	0.5% v/v
	Fructose	0.5% v/v
Organic acids	Citric acid	110 µg/l
	Malic acid	2.3 µg/l
	L- Glutamic acid	61.5 µg/l
Trace elements	FeCl <sub>3</sub> ·6H <sub>2</sub> O	1 µg/l
	CuSO <sub>4</sub> ·5H <sub>2</sub> O	78.22 µg/l



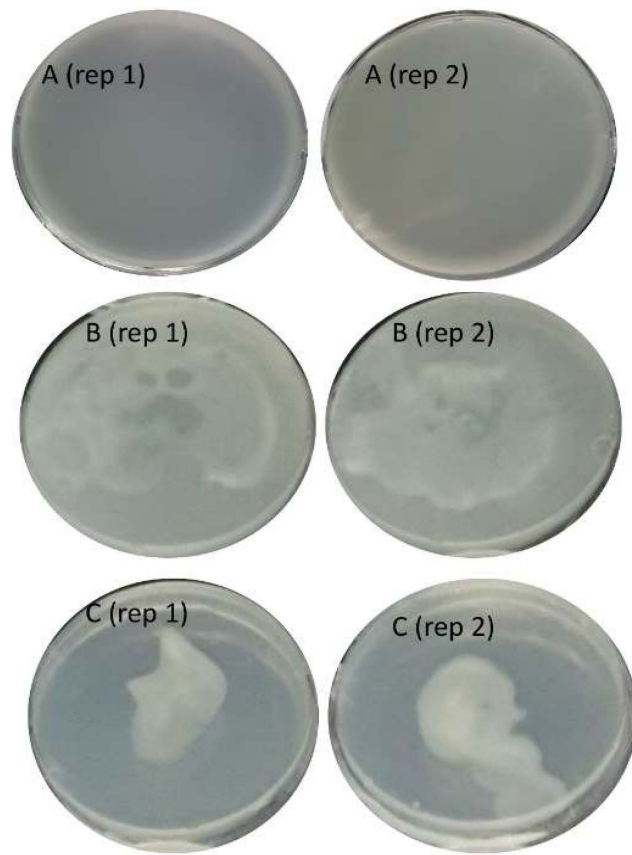
**Supplementary Fig. 1.** Schematic representation of MF separation from the rhizosphere of upland/forest treated Hawaii 7996 and the subsequent culturing of the harvested MF for community analysis and harvesting bacterial cells from MM9 culture medium inoculated with the upland/forest rhizosphere MF for virulence assay.



**Supplementary Fig. 2.** Relative abundance (%) of bacterial OTUs at the family level from tomato rhizosphere, bacterial mixed culture in MM9 inoculated with rhizosphere MF (MM9) and bacterial mixed culture in MM9 transferred from MM9 (MM9 1st Tra). The x-axis represents the relative abundance (%) of each family. The y-axis represents the samples. The color box below the figure represents the families.



**Supplementary Fig. 3.** Box plot for the population of *Enterobacteriaceae* shows significant difference (Wilcoxon test  $P = 0.007$ ) between upland MM9 1<sup>st</sup> Tra and forest MM9 1<sup>st</sup> Tra.



**Supplementary Fig. 4.** *In vitro* antagonistic activity of *Enterobacteriaceae* strain against *R. solanacearum*. (A) The growth of only *R. solanacearum* on CPG soft agar. (B) Growth pattern of *Enterobacteriaceae* strain and *R. solanacearum* on CPG soft agar. (C) Growth of only *Enterobacteriaceae* strain on CPG soft agar.