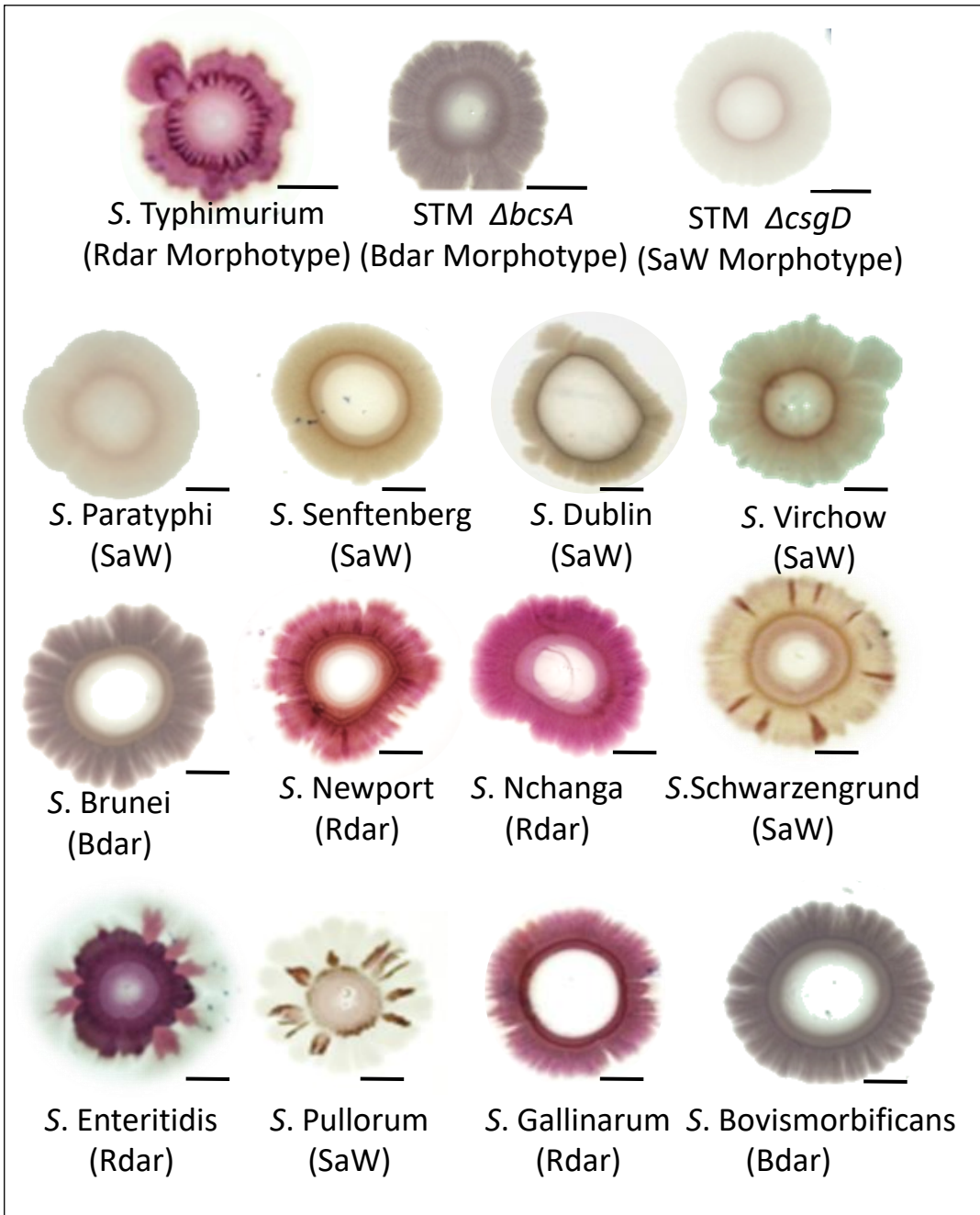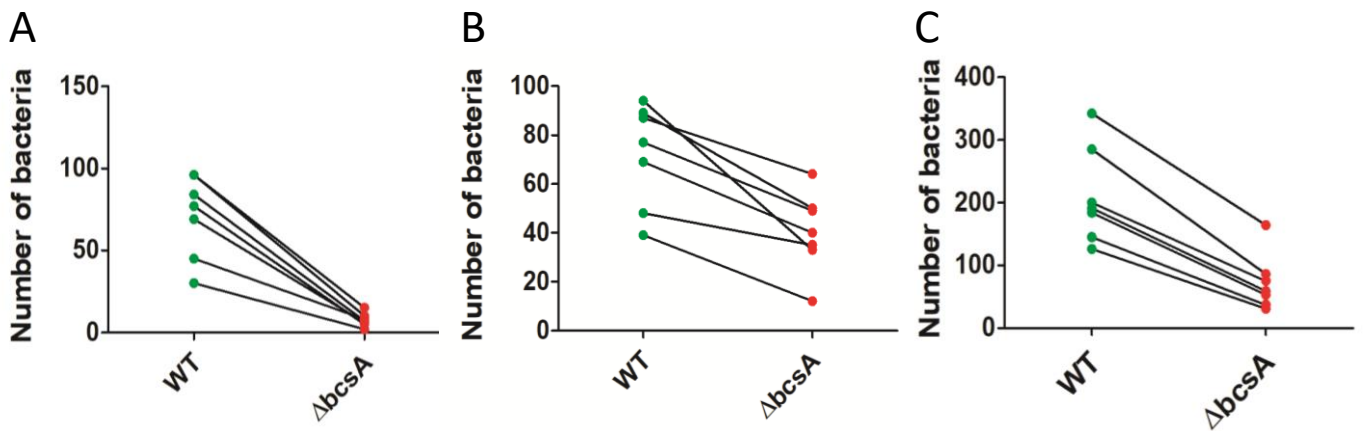**Supporting Information Figure S1:** Bacterial count for various serovars in the root of Arabidopsis ecotypes Col-0, CEN, C24 and Ler. Heat map representation of mean bacterial CFU on 4 Arabidopsis ecotype**s.**
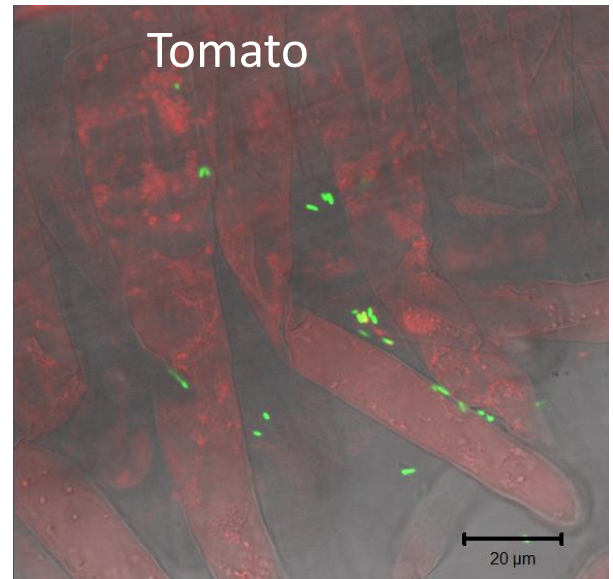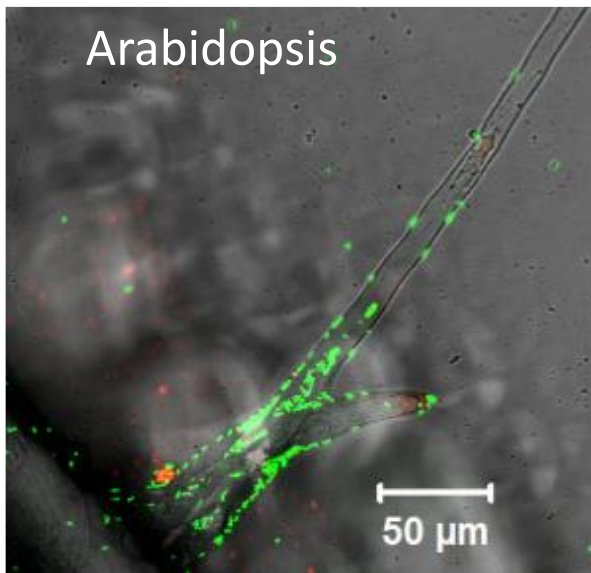
Supporting Information Figure S2: Selection of *Salmonella* serovar for infection. Morphotype of 16 *Salmonella* serovars on Congo Red / Comassie Brilliant Blue LB plate with 0.5% agar. Scale bar=5mm.
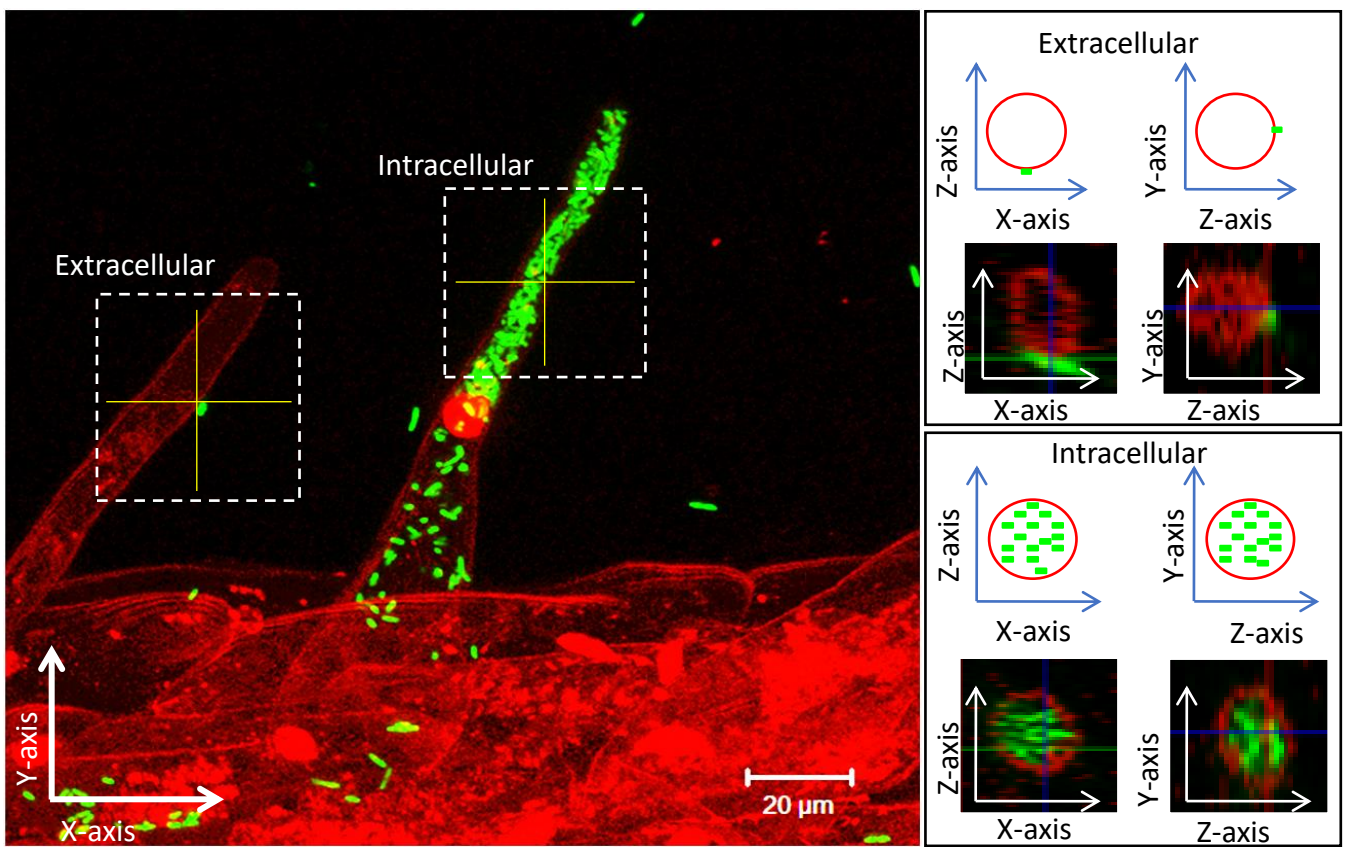
Supporting Information Figure S3: Number of bacterial cells in the field of view **(A)** zone of elongation, **(B)** zone of maturation and **(C)** zone of differentiation as seen under under confocal microscope. 7 independent plants were subjected to microscopy. The connecting lines signifies the number of the WT and mutant bacteria in one plant root.
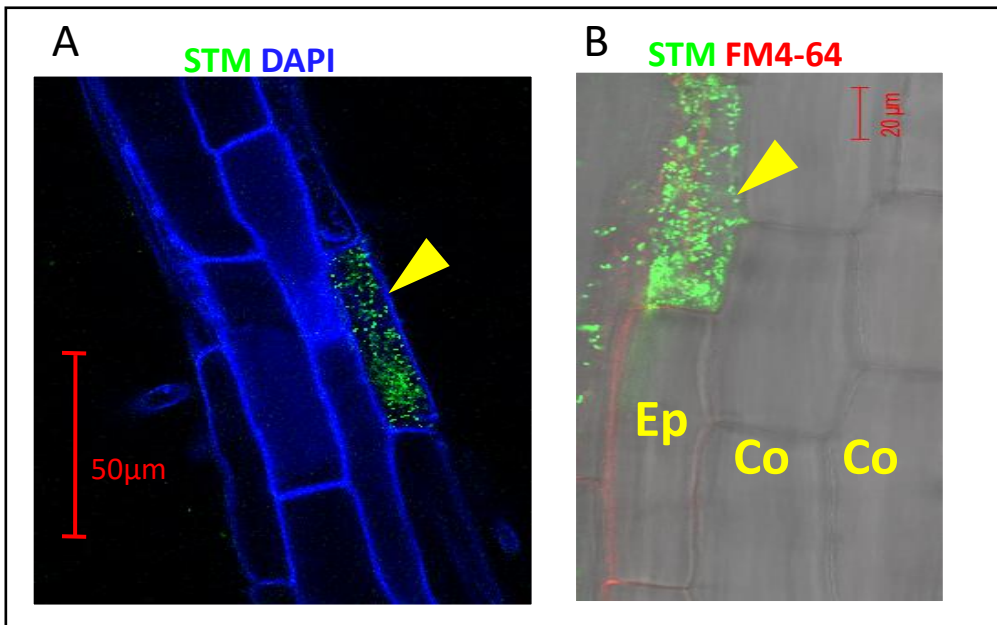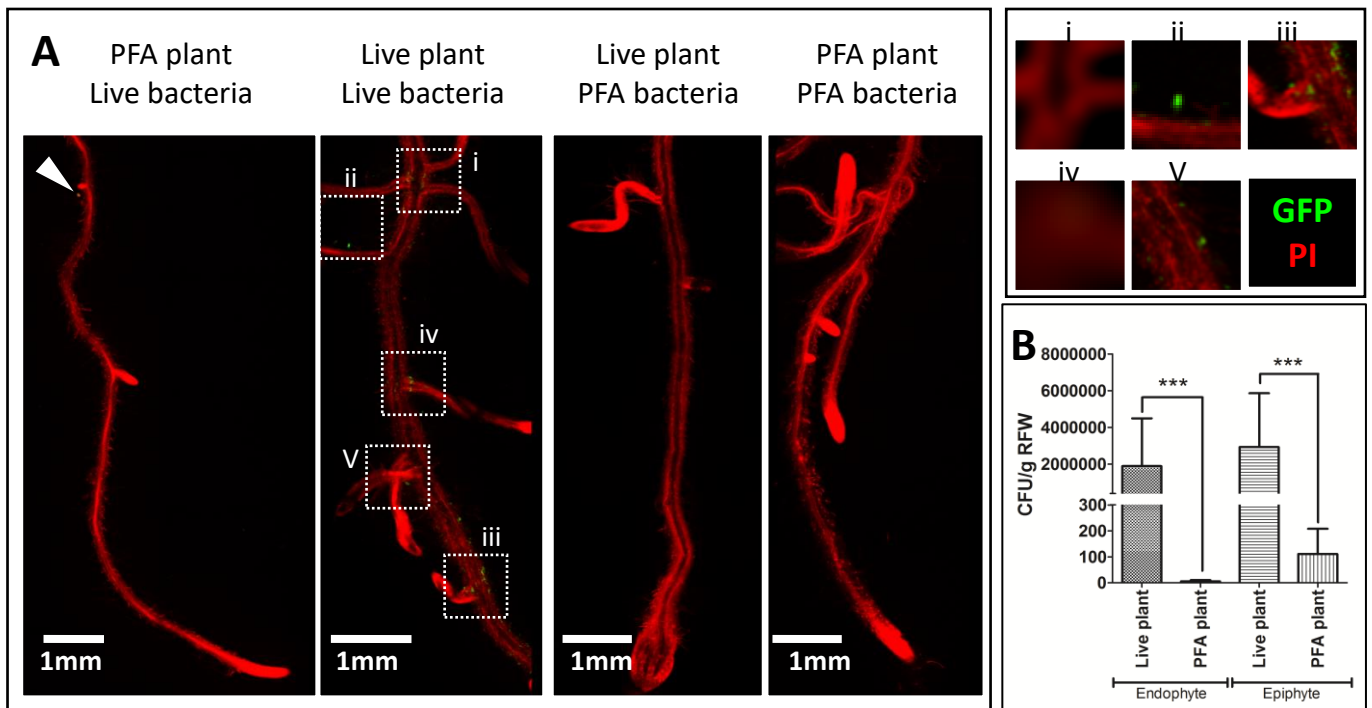
Supporting Information Figure S4: Representative images showing attachment of *Salmonella* on arabidopsis root hairs.
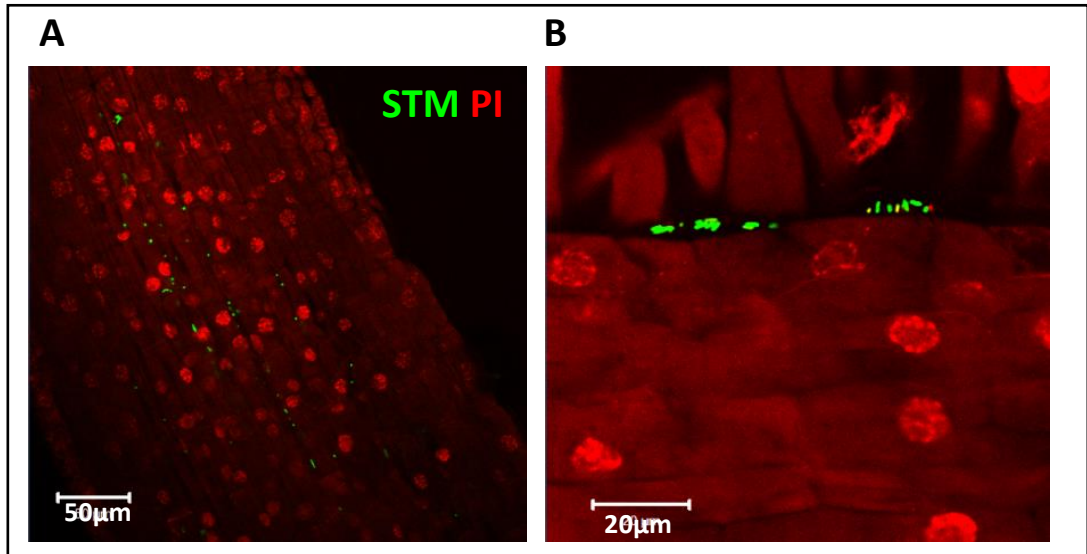
Supporting Information Figure S5: Invasion of *Salmonella* in the root hair cells of Arabidopsis
Maximum intensity projection upon merging various optical sections showing colonization of *Salmonella* in the root hairs of Arabidopsis. The yellow cross represents the optical cross-setional region shown on right in Z-X axis and Y-Z axis showing GFP positive *Salmonella* cells either on (extracellular) or inside (intracellular) the root hairs.
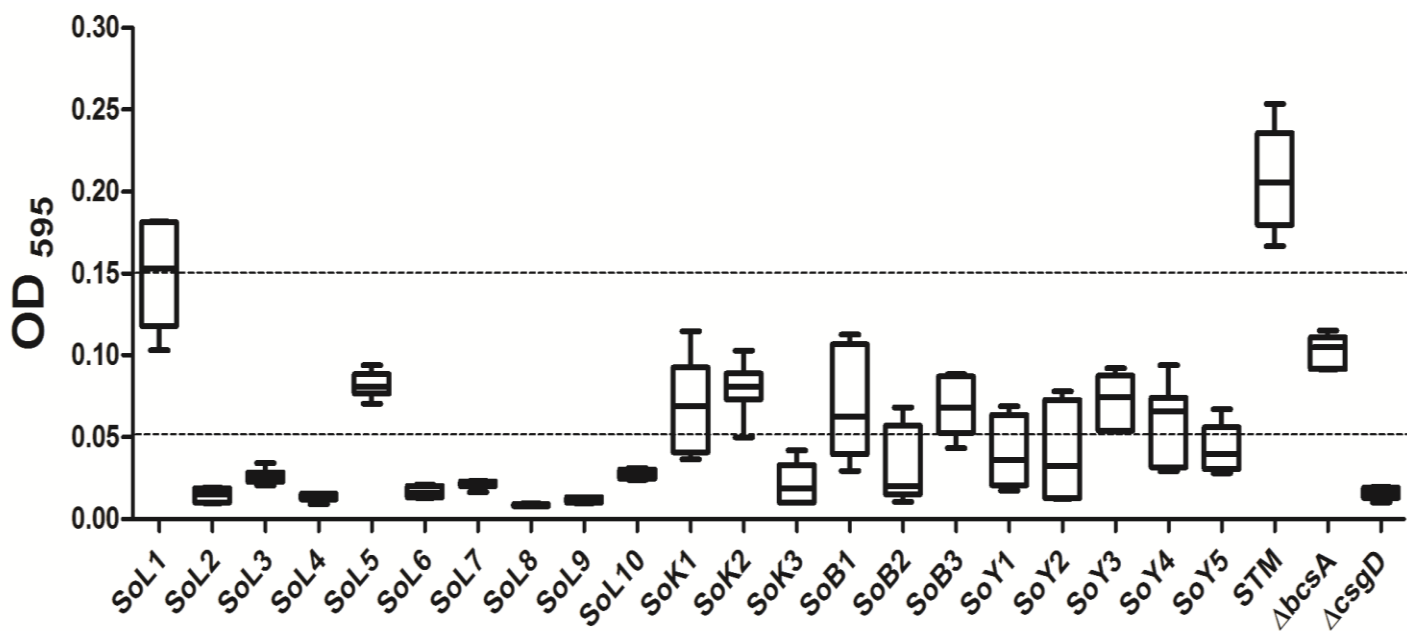
Supporting Information Figure S6: *Salmonella* inside the epidermal cell of Arabidopsis **(A)** and tomato **(B).** The yellow arrowhead is showing bacteria inside one epidermal cell of the plant. The cell membrane was stained using FM4-64.
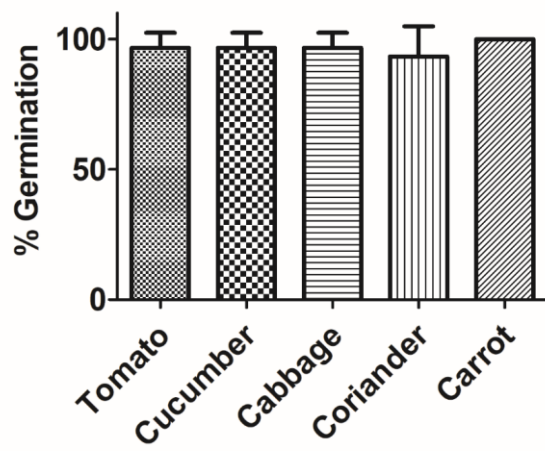
Supporting Information Figure S7: Vitality of interacting partner for colonization. (A) Representative confocal image of Live or PFA fixed plant showing *Salmonella* colonization. White arrowhead represents live *Salmonella* on the rhizoplane of PFA fixed plant. Insets represents the live *Salmonella* (expressing GFP) on rhizoplane of live Arabidopsis roots. Images were taken using tile scan of the entire Arabidopsis roots using LEICA SP8 and processed using LAS-X platform. **(B)** Enumeration of CFU from the rhizoplane and tissue of Arabidopsis roots. One way ANOVA followed by Bonferroni Post test was used to analyze the results.***=P<0.001.

Supporting Information Figure S8: Representative confocal image of PFA fixed plant root (PI stained nuclei) and attached *Salmonella* at **(A)** 40X magnification showing the intercellular localizaton of bacteria and **(B)** at 63X magnification showing the lateral side of roots with root hairs and bacteria attached on the surface.

Supporting Information Figure S9: Spectroscopy based quantification of biofilm by staining with crystal violet for the rhizospheric isolates.

Supporting Information Figure S10: Percent germination of different vegetable seeds upon pre-inoculation with *L.macrolides*.