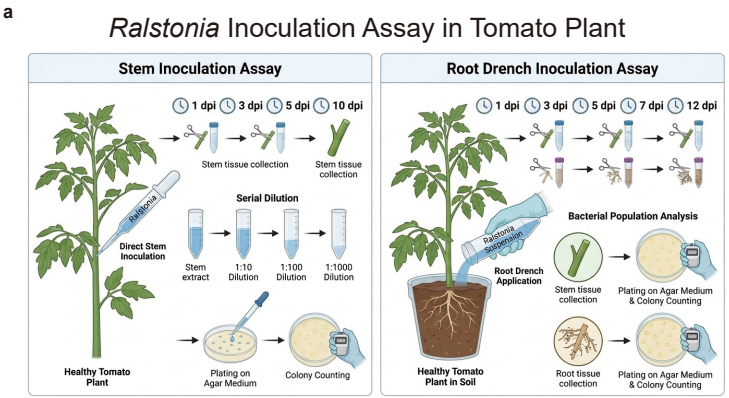
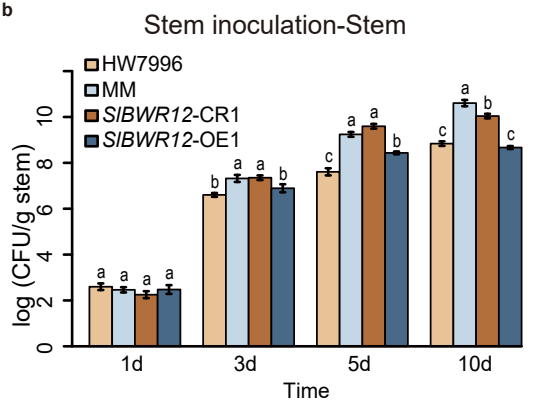
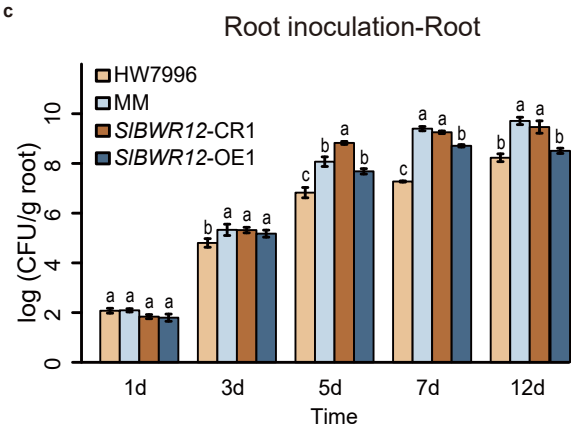
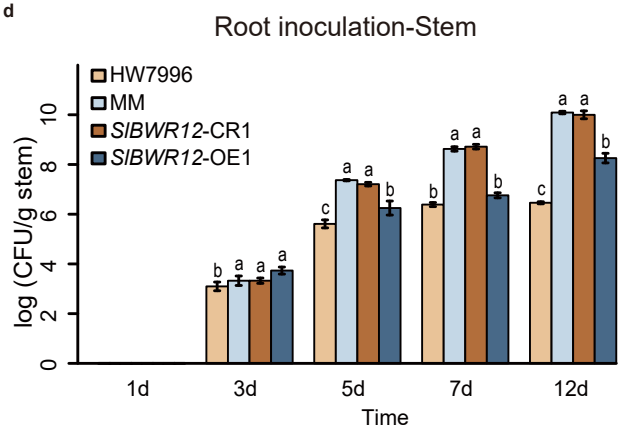

a
Ralstonia Inoculation Assay in Tomato Plant
Stem Inoculation Assay
1 dpi
3 dpi
5 dpi
10 dpi
Stem tissue collection
Stem tissue collection
Serial Dilution
Ralstonia
Direct Stem Inoculation
Stem extract
1:10 Dilution
1:100 Dilution
1:1000 Dilution
Healthy Tomato Plant
Plating on Agar Medium
Colony Counting
Root Drench Inoculation Assay
1 dpi
3 dpi
5 dpi
7 dpi
12 dpi
Ralstonia Suspension
Root Drench Application
Bacterial Population Analysis
Stem tissue collection
Plating on Agar Medium & Colony Counting
Root tissue collection
Plating on Agar Medium & Colony Counting
Healthy Tomato Plant in Soil


b
Stem inoculation-Stem
HW7996
MM
SlBWR12-CR1
SlBWR12-OE1
log (CFU/g stem)
0
2
4
6
8
10
1d
3d
5d
10d
Time


c
Root inoculation-Root
HW7996
MM
SlBWR12-CR1
SlBWR12-OE1
log (CFU/g root)
0
2
4
6
8
10
1d
3d
5d
7d
12d
Time


d
Root inoculation-Stem
HW7996
MM
SlBWR12-CR1
SlBWR12-OE1
log (CFU/g stem)
0
2
4
6
8
10
1d
3d
5d
7d
12d
Time