

Supplementary Table S2 Effect of volatile compound produce by biocontrol agents on induction of peroxidase (PO) activities in chilli Roots against *R. solanacearum* in glasshouse condition

| Treatments | Peroxidase activity (Δ OD/min/mg protein) | | | | | |
|-----------------------------------|---|---------------------|---------------------|---------------------|---------------------|------------|
| | 0 hapi | 24hapi | 48hapi | 72hapi | 96hapi | Mean value |
| T1 (Control) | 0.0019 \pm 0.030d | 0.0031 \pm 0.029f | 0.0028 \pm 0.021f | 0.0027 \pm 0.021d | 0.0028 \pm 0.020c | 0.026 |
| T2 (<i>B. subtilis</i> KA9) | 0.0022 \pm 0.024c | 0.0045 \pm 0.032e | 0.0051 \pm 0.014e | 0.0042 \pm 0.027b | 0.0028 \pm 0.026c | 0.037 |
| T3 (<i>P. fluorescens</i> PDS1) | 0.0028 \pm 0.027b | 0.0050 \pm 0.022d | 0.0060 \pm 0.014d | 0.0050 \pm 0.031a | 0.0038 \pm 0.019a | 0.045 |
| T4 (<i>B. subtilis</i> KA9 + RS) | 0.0034 \pm 0.023a | 0.0060 \pm 0.027b | 0.0074 \pm 0.022c | 0.0043 \pm 0.039b | 0.0033 \pm 0.024b | 0.048 |
| T5 (<i>P. fluorescens</i> + RS) | 0.0031 \pm 0.024a | 0.0058 \pm 0.021c | 0.0082 \pm 0.020b | 0.0033 \pm 0.02c | 0.0028 \pm 0.022c | 0.046 |
| T6(RS+KA9+PDS1) | 0.0034 \pm 0.025a | 0.0073 \pm 0.021a | 0.0092 \pm 0.02a | 0.0033 \pm 0.024c | 0.0025 \pm 0.022d | 0.051 |
| T7 (RS) | 0.0024 \pm 0.008c | 0.0052 \pm 0.027d | 0.0077 \pm 0.020c | 0.0036 \pm 0.021c | 0.0028 \pm 0.030c | 0.043 |
| Mean vlue | 0.027 | 0.052 | 0.066 | 0.037 | 0.029 | - |