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Supplementary material

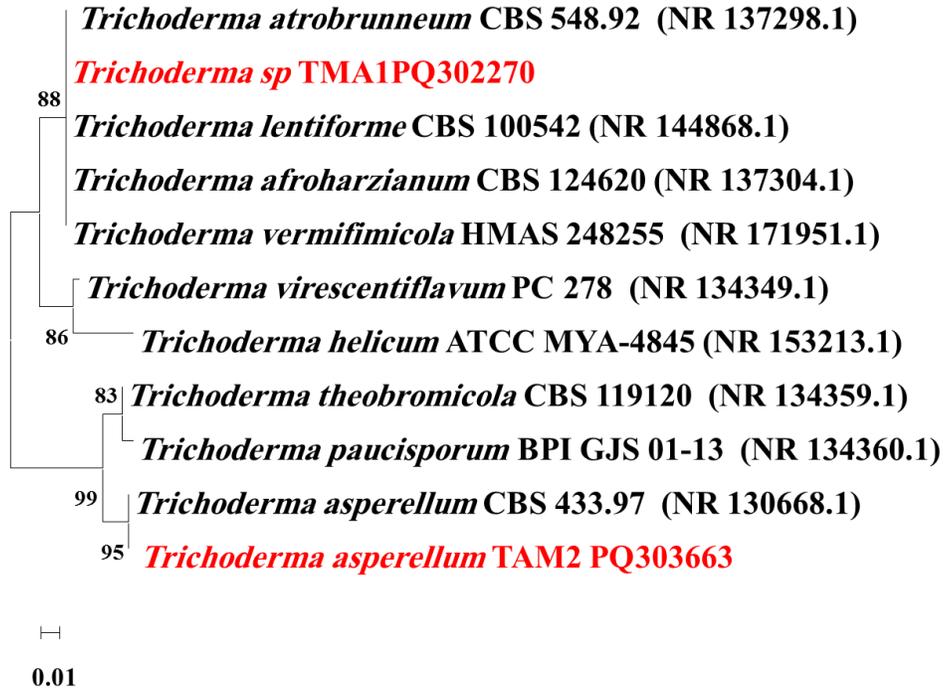
***Trichoderma* as a biocontrol agent for damping-off and its impact on cucumber biochemical alterations**

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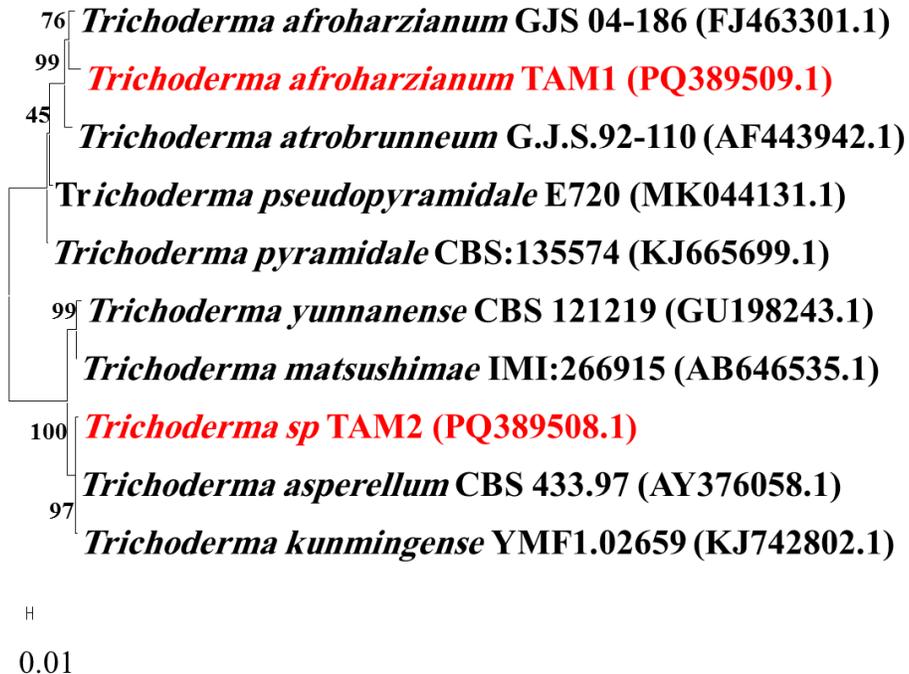
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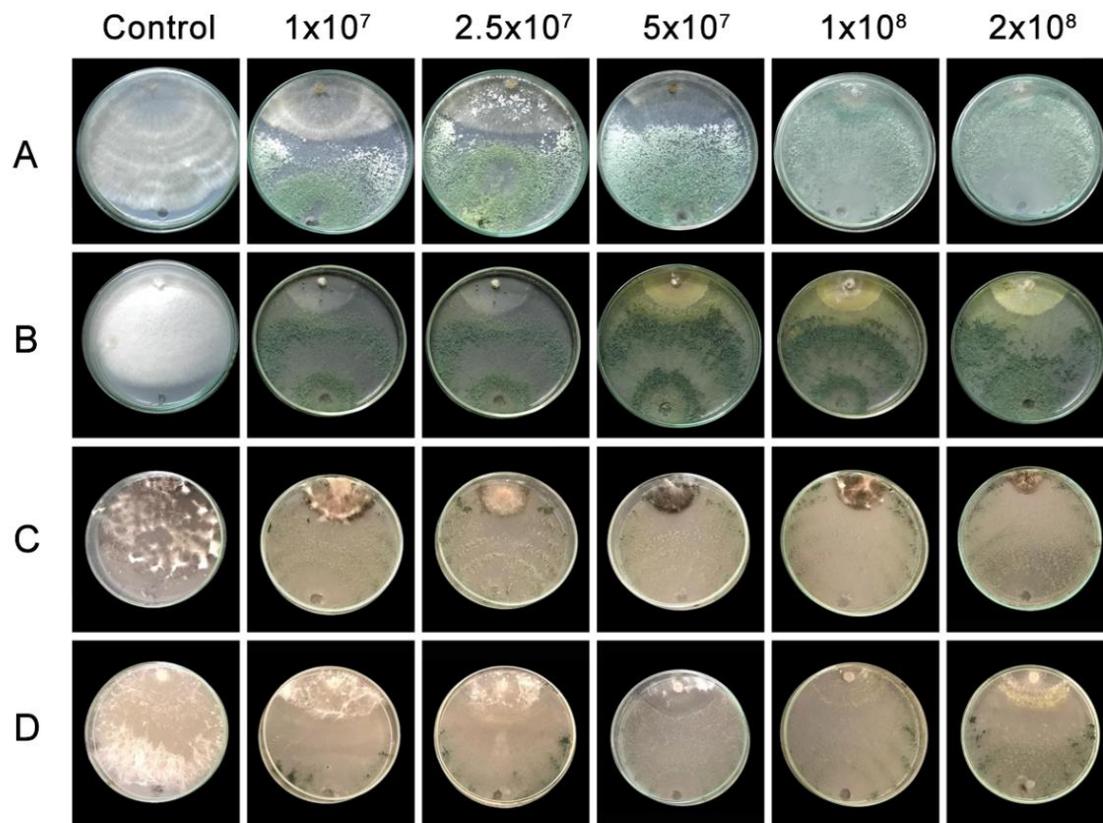
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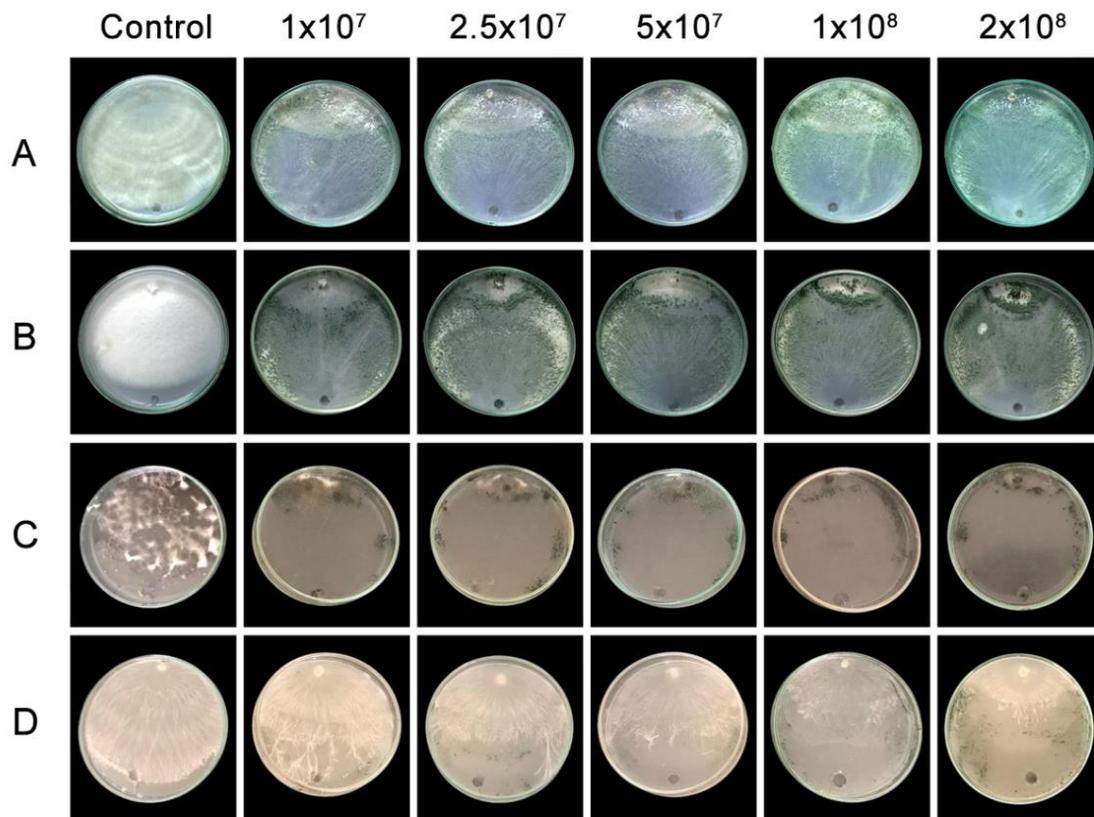
Supplementary Fig. S1 – Phylogenetic analysis of *Trichoderma* sp. (TAM 1) and *Trichoderma asperellum* (TAM 2) based on the ITS sequences. *Trichoderma* sp. (TAM 1) is grouped within a distinct clade with four different species of *Trichoderma*.



Supplementary Fig. S2 – Phylogenetic analysis of *Trichoderma afroharzianum* (TAM 1) and *Trichoderma* sp. (TAM 2) based on Tef1 α gene sequences. *Trichoderma* sp. TAM 2 is grouped within a distinct clade with *T. asperellum* strain CBS 433.97 and *T. kunmingense* strain YMF1.02659.



Supplementary Fig. S3 – Antagonistic activity of different concentrations of *T. afroharzinum* on the mycelial growth of *R. solani*, (A), *F. solani* (B), *M. phaseolina* (C) and *A. rolfsii* (D).



Supplementary Fig. S4 – Antagonistic activity of different concentrations of *T. asperellum* on the mycelial growth of (A) *R. solani*; (B) *F. solani* ; (C) *M. phaseolina* and (D) *A. rolfsii*.