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## Lavender's secret: Genetic regulator boosts plant health and fragrance output



Analysis of the potential biological role of LaMYC7 for P. syringae. A, P. syringae infection of WT, 2300, and LaMYC7-overexpressing transgenic lines for 5 d for phenotype analysis. B, C, Bacterial population at 5 d in WT, 2300 and LaMYC7-overexpressing transgenic lines (#2, #9). D, E, Antibacterial activity of linalool and caryophyllene against Pst DC3000. LB, Empty lysogeny broth; Pst DC3000, 150  $\mu$ l Pst DC3000 were dissolved in lysogeny broth medium; Lin + Pst DC3000, 150  $\mu$ l Pst DC3000 were dissolved in lysogeny broth medium containing 18  $\mu$ l·ml<sup>-1</sup> linalool. Car + Pst DC3000, 150  $\mu$ l Pst DC3000 were dissolved in lysogeny broth medium containing 18  $\mu$ l·ml<sup>-1</sup> caryophyllene. The numbers displayed are the average of at least three replicates (mean ± SD). Following an ANOVA, Fisher's LSD test revealed that bars labeled with various letters were substantially different (P



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