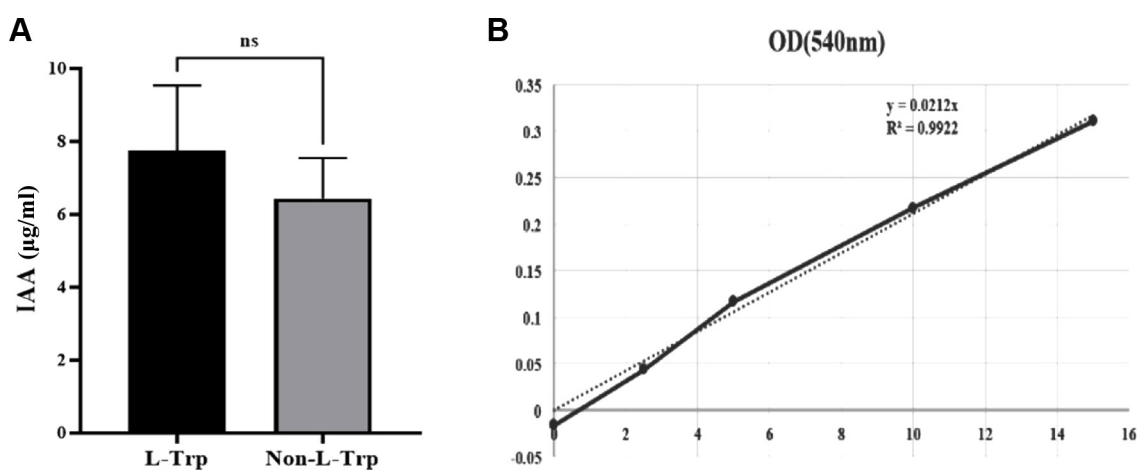


Supplementary Table 1. Primer sequences for PCR in this study

Genes	Sequence information (5'-3')		Putative lipopeptide gene function	Product size (bp)	References
	Forward primer	Reverse primer			
<i>dhbE</i>	TTCGCACTGCCTTCCCATAG	TCCTTCCGCCATTCCGAAAA	Siderophore	278	This study
<i>FenA</i>	GCTTGGGCATTGTGCTGAAA	TACGGACGGTTCGTTTCGTT	Fengycin	1,021	
<i>dfnD</i>	CAGGCGGAATAGGAGAAGTATG	CGGCAGCCGATTGAAATAAC	Difficidin	900	Hazarika et al. (2019)
<i>bacD</i>	CCGGCGTCAAGTCTATCAAA	CATGGCTCCTGCTCCAATAA	Bacilysin	670	
<i>ItuA</i>	CGGGAAACAACAGGCAAATC	CGGGAAACAACAGGCAAATC	Iturin	980	
<i>srfAA</i>	GATGGTCGATACGTCCGATAAA	GATGGTCGATACGTCCGATAAA	Surfactin	890	
<i>mlnA</i>	GGCAGGGTCATACCTCATAATC	AGCAGACTTTCGGTCTCATTC	Macrolactin	920	
<i>baeR</i>	AGACTCCACCAAGGCAAATC	CAGCGGCTTCATGTCATACT	Bacillaene	990	

Supplementary Table 2. Primer sequences for qRT-PCR in this study

Genes	Gene_ID	Sequence information (5'-3')		Putative gene function	References
		Forward primer	Reverse primer		
<i>CaActin</i>	AY572427.1	ATATGTAGGTGATGAAGC	AAAGGTATGATGCCAAAT	Actin	This study
<i>CaPR1</i>	AF053343.2	AACAATTTGCTGCTAGATTCC	TAACACGCTTGCTTGGAT	Pathogenesis-related	
<i>CaPR4</i>	AF244122.1	CGAGATTGATTCATAC-TATTGTC	AAGAGTATCCAAGGTA-CATATAGA	defense	
<i>CaJA2</i>	GD080747.1	TTACGCAGCAATGAATAC	CTCAATCTTGGCAAGTTAG	JA hormone	
<i>CaNPR1</i>	DQ648785.1	CGTCTCCTCATCTTGTTTC	TCCGCTTCATATCTCCTAT	SA hormone	
<i>CaMAPK4</i>	BM064802.1	AACAATTTGCTGCTAGATTCC	TAACACGCTTGCTTGGAT	Mitogen-activated protein kinase	
<i>CaERF53</i>	KF060657.1	TTATGTTGATGGGCAATC	TAGGTTGTTGACGACTAA	Ethylene	

**Supplementary Fig. 1.** Indole-3-acetic acid (IAA) production by selected plant growth-promoting bacteria. (A) Result of IAA production ($\mu\text{g/ml}$) confirmed OD540 on spectrophotometer. (B) IAA production standard curve confirmed 540 nm on spectrophotometer.

Reference

Hazarika, D. J., Goswami, G., Gautom, T., Parveen, A., Das, P., Baroah, M. and Boro, R. C. 2019. Lipopeptide mediated biocontrol activity of endophytic *Bacillus subtilis* against fungal phytopathogens. *BMC Microbiol.* 19:71.