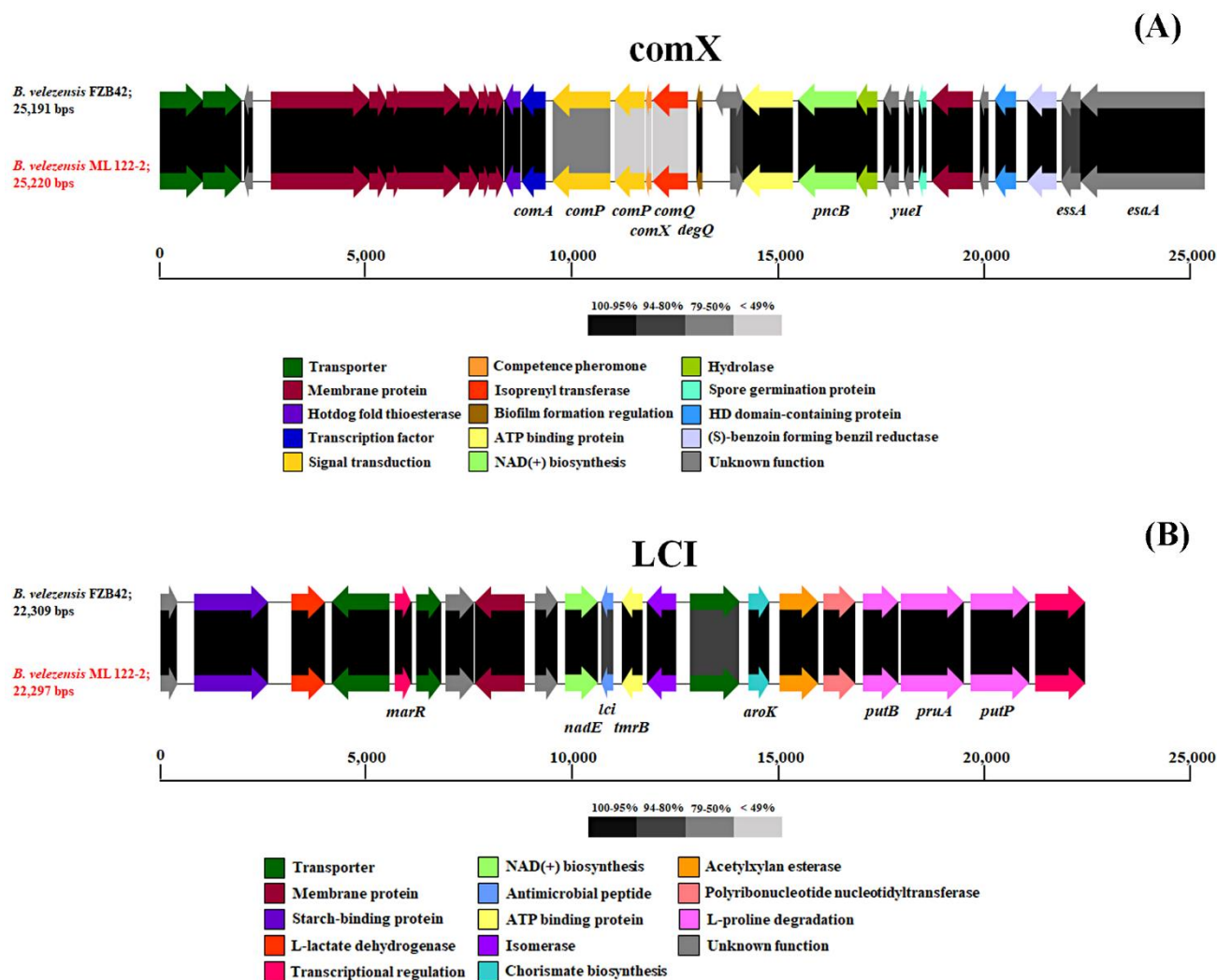


Title	Simultaneous production of multiple antimicrobial compounds by <i>Bacillus velezensis</i> ML122-2 isolated from Assam tea leaf [<i>Camellia sinensis</i> var. <i>assamica</i> (J.W.Mast.) Kitam.]
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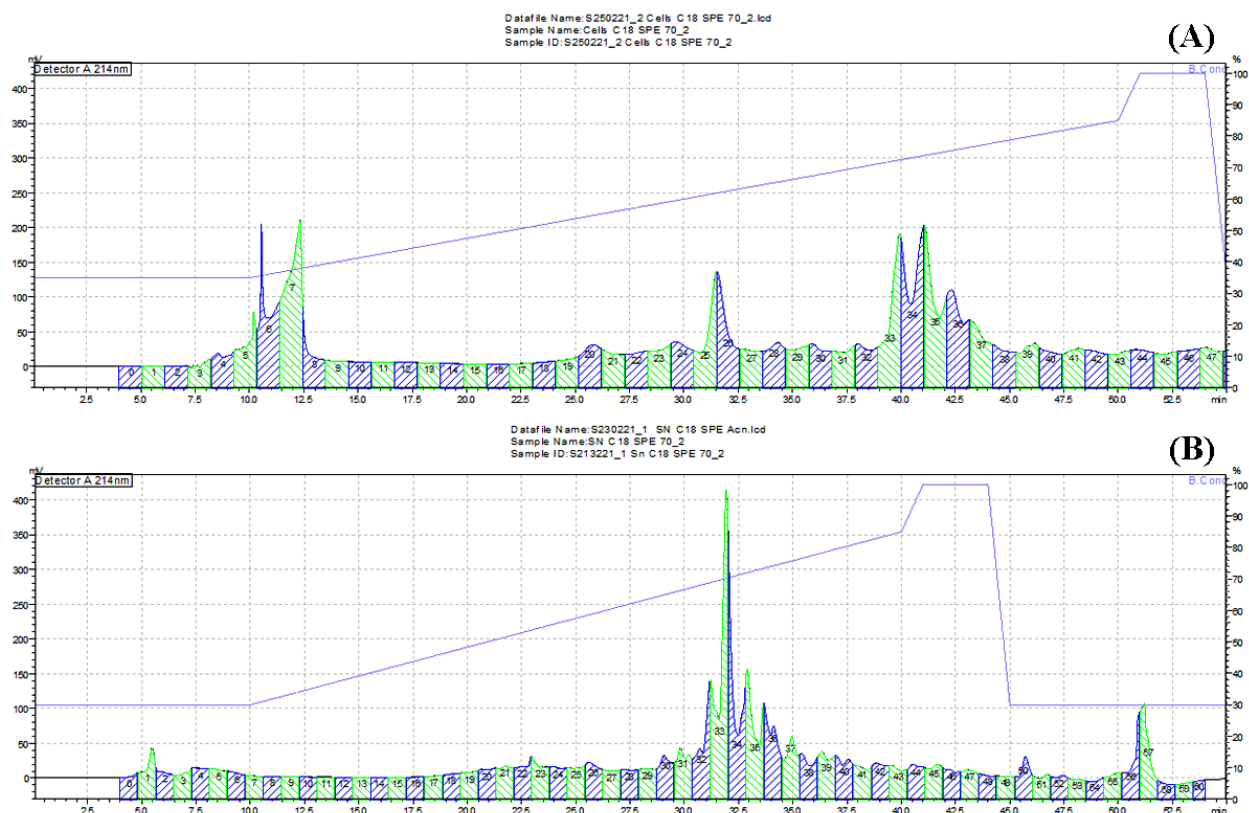


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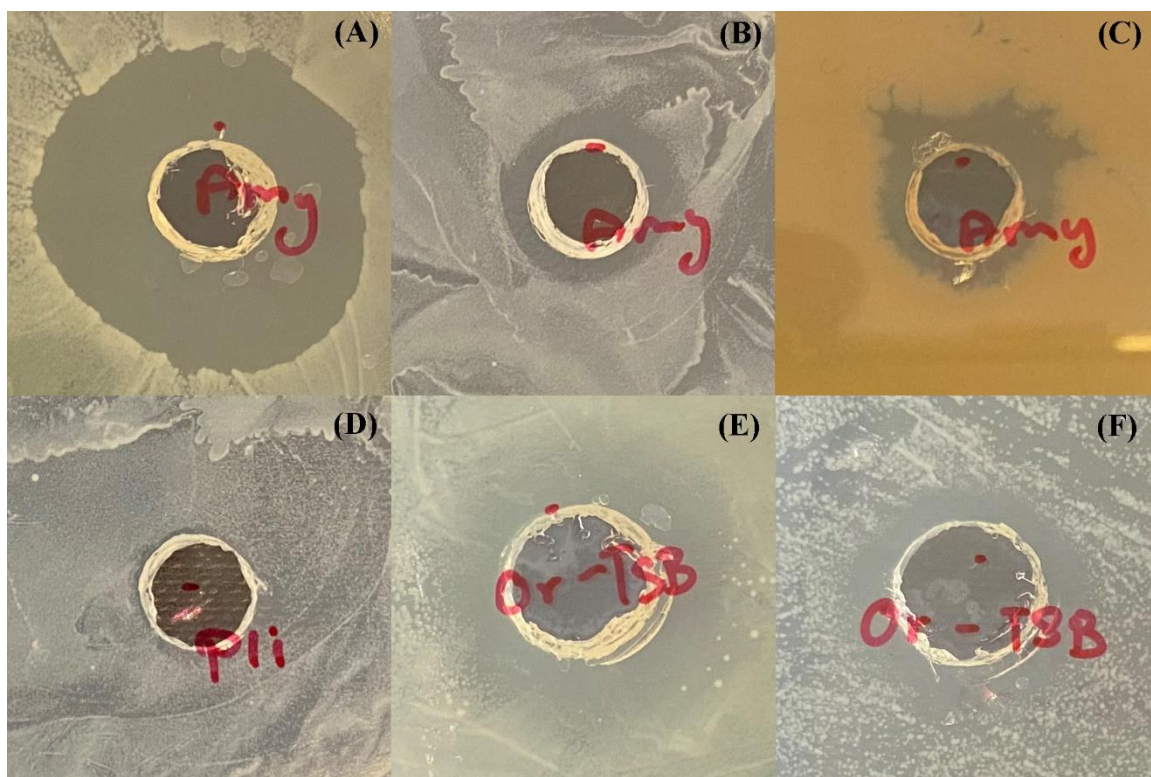
Supplementary Material



Supplementary Figure 1. The comX (A) and LCI (B) gene clusters of *B. velezensis* ML122-2 (red) compared with *B. velezensis* FZB42 (black).



Supplementary Figure 2. Antimicrobial peptides purification of *B. velezensis* ML122-2 by RP-HPLC system. The C18 SPE IPA eluents obtained from cell pellets extract **(A)** and cell-free supernatant **(B)** were applied to a semi prep Proteo Jupiter C12 (250 x 10 mm, 4 μ , 90Å) followed by running a 40 to 85 % isopropanol 0.1 % trifluoroacetic acid (TFA) gradient. Eluent B was 99.9 % isopropanol containing 0.1 % TFA at a flow rate of 2.5 ml/min. The peaks were detected measuring the absorbance at 214 nm and the fractions were collected at 1 minute intervals.



Supplementary Figure 3. Antibacterial activity of purified amylocyclicin against *Listeria innocua* UCC3 (A), methicillin resistant *Staphylococcus aureus* (MRSA) DMST 20625 (B) and *B. subtilis* NCDO 10073 (C), purified plipastatin against MRSA DMST 20625 (D) and purified surfactin against *L. innocua* UCC3 (E) and *Leu. paramesenteroides* NCDO 869 (F).