

## Bacillus velezensis

**CNMN nr:** CNMN BB-16

**Tipul de organism:** Bacterii

**Clasificare taxonomică:** *Bacillus velezensis*

**Provincia tulpinii:** MD

**Originea geografică:** Chișinău, Chișinău Municipality, Moldova

**Produs sintetizat:** Exometaboliți cu proprietăți antimicrobiene

**Importanța practică:** Agricultură. Tulpina *Bacillus velezensis* FZB42 (47B) sintetizează exometaboliți cu activitate antimicrobiană pronunțată *in vitro* asupra tulpinilor de fitopatogeni: *Corinebacterium michiganense*, *Xantomonas campestris*, *Bacillus subtilis*, *Alternaria alternata*, *Fusarium solani*, *Fusarium oxysporum*, *Botrytis cinerea*, *Erwinia caratavora*, *Aspergillus niger*.

**Forma de păstrare:** Liofilizat

**Informații genomice:**

Nr.	Denumirea markerului	Număr de înregistrare INSDC	Secvență genetică
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1	16S rRNA	OP890226	gaGCGGACAGATGGGAGCTTGCTCCCTGAT GTTAGCGGCGGACGGGTGAGTAACACGTGG GTAACCTGCCTGTAAGACTGGGATAACTCC GGGAAACCGGGGCTAATACCGGATGGTTGT CTGAACCGCATGGTTCAGACATAAAAGGTG GCTTCGGCTACCACTTACAGATGGACCCGC GGCGCATTAGCTAGTTGGTGAGGTAACGGC TCACCAAGGCGACGATGCGTAGCCGACCTG AGAGGGTGATCGGCCACACTGGGACTGAGA CACGGCCCAGACTCCTACGGGAGGCAGCAG TAGGGAATCTTCCGCAATGGACGAAAGTCT GACGGAGCAACGCCGCGTGAGTGATGAAGG TTTTCGGATCGTAAAGCTCTGTTGTTAGGG AAGAACAAGTGCCGTTCAAATAGGGCGGCA CCTTGACGGTACCTAACCCAGAAAGCCACGG CTAACTACGTGCCAGCAGCCGCGGTAATAC GTAGGTGGCAAGCGTTGTCCGGAATTATTG GGCGTAAAGGGCTCGCAGGCGGTTTCTTAA GTCTGATGTGAAAGCCCCGGCTCAACCGG GGAGGGTCATTGGAAACTGGGGAAGTTGAG TGCAGAAGAGGAGAGTGGAATTCCACGTGT AGCGGTGAAATGCGTAGAGATGTGGAGGAA CACCAGTGGCGAAGGCGACTCTCTGGTCTG TAACTGACGCTGAGGAGCGAAAGCGTG GGG AGCGAACACGATTATATACCCTGGTAGTCC ACGCCGTAAACgATGAGTGCTAACTGTTAG gGGGTTTTCCGCCctTAgTGCTGcAgCTAA CgCATTAAgCAC
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