

**Bacillus velezensis**

**CNMN nr:** CNMN BB-13

**Tipul de organism:** Bacterii

**Clasificare taxonomică:** *Bacillus velezensis*

**Proviniența tulpinii:** MD

**Originea geografică:** Unknown, Moldova

**Produs sintetizat:** Exometaboliți cu proprietăți antifungice asupra fitopatogenilor.

**Importanța practică:** Agricultură. Tulpina *Bacillus velezensis* FZB42 (22) sintetizează exometaboliți cu activitate antifungală pronunțată asupra tulpinilor de fitopatogeni: *Alternaria alternata*, *Botrytis cinerea*, *Fusarium oxysporum*.

**Forma de păstrare:** Liofilizat

Informații genomice:			
	Nr.	Denumirea markerului	Număr de înregistrare INSDC
			Secvență genetică

1	16S rRNA	OP890223	GCTTGCTCCCTGATGTTAGCGGCGGACGGG TGAGTAACACGTGGGTAACCTGCCTGTAAG ACTGGGATAACTCCGGGAAACCGGGGCTAA TACCGGATGGTTGTCTGAACCGCATGGTTC AGACATAAAAGGTGGCTTCGGCTACCACTT ACAGATGGACCCGCGGCGCATTAGCTAGTT GGTGAGGTAACGGCTCACCAAGGCGACGAT GCGTAGCCGACCTGAGAGGGTGATCGGCCA CACTGGGACTGAGACACGGCCCAGACTCCT ACGGGAGGCAGCAGTAGGGAATCTTCCGCA ATGGACGAAAGTCTGACGGAGCAACGCCGC GTGAGTGATGAAGGTTTTCGGATCGTAAAG CTCTGTTGTTAGGGAAGAACAAGTGCCGTT CAAATAGGGCGGCACCTTGACGGTACCTAA CCAGAAAGCCACGGCTAACTACGTGCCAGC AGCCGCGGTAATACGTAGGTGGCAAGCGTT GTCCGGAATTATTGGGCGTAAAGGGCTCGC AGGCGGTTTCTTAAGTCTGATGTGAAAGCC CCCGGCTCAACCGGGGAGGGTCATTGGAAG CTGGGGAACCTGAGTGCAGAAGAGGAGAGT GGAATTCCACGTGTAGCGGTGAAATGCGTA GAGATGTGGAGGAACACCAAGTGGCGAAGGC GACTCTCTGGTCTGTAAGTACGCTGAGGA GCGAAAGCGTGGGGAGCGAACAGGATTAGA TACCCTGGTAGTCCACGCCGTAAACGATGA GTGCTAAGTGTTAGGGGGTTTTCCGCCCTT AGTGCTGCAGCTAACGCATTAAGCACTCCG CCTGGGGAGTACGGTCGCAAGACTGAAACT CAAAGGAATTGACGGGGGCGCCGACAAGCG GTGGAGCATGTGGTTTAATTCgAAGCAACG CGAAGAACCCTTACCAGGTCTTGACATCCTC TGACAATCCTAgAGATAGGACGTCCCCTTC GGGGgCAGAGTGACAGGTGGTGCATGGTTG TCGTCAgCTCCTGTCTGTGAGATGTTGGGTT AAGTCCCgCAaCGAgCGCAACCCCTTGATCT TA
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