

Bacillus velezensis

CNMN nr: CNMN BB-16

Tipul de organism: Bacterii

Clasificare taxonomică: *Bacillus velezensis*

Proviniența 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

1	16S rRNA	OP890226	gaGCGGACAGATGGGAGCTTGCTCCCTGAT GTTAGCGGCGGACGGGTGAGTAACACGTGG GTAACCTGCCTGTAAGACTGGGATAACTCC GGGAAACCGGGGCTAATACCGGATGGTTGT CTGAACCGCATGGTTCAGACATAAAAGGTG GCTTCGGCTACCACTTACAGATGGACCCGC GGCGCATTAGCTAGTTGGTGAGGTAACGGC TCACCAAGGCGACGATGCGTAGCCGACCTG AGAGGGTGATCGGCCACACTGGGACTGAGA CACGGCCCAGACTCCTACGGGAGGCAGCAG TAGGGAATCTTCCGCAATGGACGAAAGTCT GACGGAGCAACGCCGCGTGAGTGATGAAGG TTTTCGGATCGTAAAGCTCTGTTGTTAGGG AAGAACAAGTGCCGTTCAAATAGGGCGGCA CCTTGACGGTACCTAACCAGAAAGCCACGG CTAACTACGTGCCAGCAGCCGCGGTAATAC GTAGGTGGCAAGCGTTGTCCGGAATTATTG GGCGTAAAGGGCTCGCAGGCGGTTTCTTAA GTCTGATGTGAAAGCCCCGGCTCAACCGG GGAGGGTCATTGGAAACTGGGGAAGTTGAG TGCAGAAGAGGAGAGTGGAATTCCACGTGT AGCGGTGAAATGCGTAGAGATGTGGAGGAA CACCAGTGGCGAAGGCGACTCTCTGGTCTG TAACTGACGCTGAGGAGCGAAAGCGTG GGG AGCGAACACGATTATATACCCTGGTAGTCC ACGCCGTAAACgATGAGTGCTAACTGTTAG gGGGTTTCCGCCCctTAgTGCTGcAgCTAA CgCATTAAGCAC
---	----------	----------	--