

Bacillus velezensis

CNMN nr: CNMN BB-15

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 (46) sintetizează exometaboliți cu activitate antimicrobiană pronunțată asupra cultura condiționat-patogenă *Escherichia coli* ATCC® 25922™ și tulpinilor de fitopatogeni *Alternaria alternata*, *Botrytis cinerea*, *Fusarium oxysporum*, *Fusarium solani*, *Aspergillus niger*.

Forma de păstrare: Liofilizat

Informații genomice:

Nr.	Denumirea markerului	Număr de înregistrare INSDC	Secvență genetică
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1	16S rRNA	OP890230	GCTCCCTGATGTTAGCGGCGGACGGGTGAG TAACACGTGGGTAACCTGCCTGTAAGACTG GGATAACTCCGGGAAACCGGGGCTAATACC GGATGGTTGTCTGAACCGCATGGTTCAGAC ATAAAAGGTGGCTTCGGCTACCACTTACAG ATGGACCCGCGGCGCATTAGCTAGTTGGTG AGGTAACGGCTCACCAAGGCGACGATGCGT AGCCGACCTGAGAGGGTGATCGGCCACACT GGGACTGAGACACGGCCCAGACTCCTACGG GAGGCAGCAGTAGGGAATCTTCCGCAATGG ACGAAAGTCTGACGGAGCAACGCCGCGTGA GTGATGAAGGTTTTCCGATCGTAAAGCTCT GTTGTTAGGGAAGAACAAGTGCCGTTCAAA TAGGGCGGCACCTTGACGGTACCTAACCCAG AAAGCCACGGCTAACTACGTGCCAGCAGCC GCGGTAATACGTAGGTGGCAAGCGTTGTCC GGAATTATTGGGCGTAAAGGGCTCGCAGGC GGTTTCTTAAGTCTGATGTGAAAGCCCCCG GCTCAACCGGGGAGGGTCATTGGAAACTGG GGAACCTTGAGTGCAGAAGAGGAGAGTGAA TTCCACGTGTAGCGGTGAAATGCGTAGAGA TGTGGAGGAACACCAGTGGCGAAGGCGACT CTCTGGTCTGTAAGTACGCTGAGGAGCGA AAGCGTGGGAGCGAACAGGATTAgATACC CTGGTAGTCCACGCCGTAAACGATGAGTGC TAAGTGTTAGGGGGTTTTCCGCCCTTAGTG CTGCAGCTAACGCATTAAGCACTCCGCCTG GGGAGTACGGTCGCAAGACTGAAACTCAAA GGAATTGACGGGGGCCCGCACAAGCGGTGG AGCATGTGGTTTAATTCgAAGCAACGCGAA gAACCTTACCAGGTCTTGACATCCTCTGAC AATCCTAgAGATAGGACGTCCCCTTCCGGG GCAGAGTGACAgGTGGTGCAtGGTtGTCGT CaGCTCCTGTC
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