

Bacillus velezensis

CNMN nr: CNMN BB-17

Tipul de organism: Bacterii

Clasificare taxonomică: *Bacillus velezensis*

Proviniența tulpinii: MD

Originea geografică: Chișinău, Chișinău Municipality, Moldova

Produs sintetizat: Exometaboliți cu proprietăți antifungice.

Importanța practică: Agricultură. *Bacillus velezensis* FZB42 (51) sintetizează exometaboliți cu activitate antifungală asupra tulpinilor de fitopatogeni: *Alternaria alternata*, *Botrytis cinerea*, *Aspergillus niger*.

Forma de păstrare: Liofilizat

Informații genomice:

Nr.	Denumirea markerului	Număr de înregistrare INSDC	Secvență genetică
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1	16S rRNA	OP890224	GCTCCCTGATGTTAGCGGCGGACGGGTGAG TAACACGTGGGTAACCTGCCTGTAAGACTG GGATAACTCCGGGAAACCGGGGCTAATACC GGATGGTTGTCTGAACCGCATGGTTCAGAC ATAAAAGGTGGCTTCGGCTACCACTTACAG ATGGACCCGCGGCGCATTAGCTAGTTGGTG AGGTAACGGCTCACCAAGGCGACGATGCGT AGCCGACCTGAGAGGGTGATCGGCCACACT GGGACTGAGACACGGCCCAGACTCCTACGG GAGGCAGCAGTAGGGAATCTTCCGCAATGG ACGAAAGTCTGACGGAGCAACGCCGCGTGA GTGATGAAGGTTTTCCGATCGTAAAGCTCT GTTGTTAGGGAAGAACAAGTGCCGTTCAAA TAGGGCGGCACCTTGACGGTACCTAACCCAG AAAGCCACGGCTAACTACGTGCCAGCAGCC GCGGTAATACGTAGGTGGCAAGCGTTGTCC GGAATTATTGGGCGTAAAGGGCTCGCAGGC GGTTTCTTAAGTCTGATGTGAAAGCCCCCG GCTCAACCGGGGAGGGTCATTGGAAACTGG GGAACCTGAGTGCAGAAGAGGAGAGTGAA TTCCACGTGTAGCGGTGAAATGCGTAGAGA TGTGGAGGAACACCAGTGGCGAAGGCGACT CTCTGGTCTGTAAGTACGCTGAGGAGCGA AAGCGTGGGAGCGAACAGGATTAGATACC CTGGTAGTCCACGCCGTAAACGATGAGTGC TAAGTGTTAGGGGGTTTTCCGCCCTTAGTG CTGCAGCTAACGCATTAAGCACTCCGCCTG GGGAGTACGGTTCGCAAGACTGAAACTCAAA GGAATTGACGGGGGCCCGCACAAGCGGTGG AGCATGTGGTTTAATTCgAAGCAACGCGAA GAACCTTACCAGGTCTTGACATCCTCTGAC AATCCTAGAGATAGGACGTCCCCTTCGGGG GCAGAGTGACAgGTGGTGCATGGTTGTCTT CAgCTCCTgTCGTGAgATGTT
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