

Bacillus velezensis

CNMN nr: CNMN BB-12

Tipul de organism: Bacterii

Clasificare taxonomică: *Bacillus velezensis*

Proviniența tulpinii: MD

Originea geografică: Chișinău, Chișinău Municipality, Moldova

Produs sintetizat: Exometaboliți cu proprietăți antifungice asupra fitopatogenilor

Importanța practică: Agricultură. *Bacillus velezensis* FZB42 (1) prezintă zone de inhibiție a creșterii in vitro a următoarelor specii de fitopatogeni: *Alternaria alternata*, *Botrytis cinerea*, *Fusarium oxysporum*, *Fusarium solani*.

Forma de păstrare: Liofilizat

Informații genomice:

Nr.	Denumirea markerului	Număr de înregistrare INSDC	Secvență genetică
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1	16S rRNA	OP890229	GCTCCCTGATGTTAGCGGGCGGACGGGTGAG TAACACGTGGGTAACCTGCCTGTAAGACTG GGATAACTCCGGGAAACCGGGGCTAATACC GGATGGTTGTCTGAACCGCATGGTTCAGAC ATAAAAGGTGGCTTCGGCTACCACTTACAG ATGGACCCGCGGCGCATTAGCTAGTTGGTG AGGTAACGGCTCACCAAGGCGACGATGCGT AGCCGACCTGAGAGGGTGATCGGCCACACT GGGACTGAGACACGGCCCAGACTCCTACGG GAGGCAGCAGTAGGGAATCTTCCGCAATGG ACGAAAGTCTGACGGAGCAACGCCGCGTGA GTGATGAAGGTTTTCCGGATCGTAAAGCTCT GTTGTTAGGGAAGAACAAGTGCCGTTCAAA TAGGGCGGCACCTTGACGGTACCTAACCCAG AAAGCCACGGCTAACTACGTGCCAGCAGCC GCGGTAATACGTAGGTGGCAAGCGTTGTCC GGAATTATTGGGCGTAAAGGGCTCGCAGGC GGTTTCTTAAGTCTGATGTGAAAGCCCCCG GCTCAACCGGGGAGGGTCATTGGAAACTGG GGAACCTTGAGTGCAGAAGAGGAGAGTGAA TTCCACGTGTAGCGGTGAAATGCGTAGAGA TGTGGAGGAACACCAGTGGCGAAGGCGACT CTCTGGTCTGTAAGTACGCTGAGGAGCGA AAGCGTGGGAGCGAACAGGATTAGATACC CTGGTAGTCCACGCCGTAAACGATGAGTGC TAAGTGTTAGGGGGTTTTCCGCCCTTAGTG CTGCAGCTAACGCATTAAGCACTCCGCCTG GGGAGTACGGTTCGCAAGACTGAAACTCAAA GGAATTGACGGGGGCCCGCACAAGCGGTGG AGCATGTGGTTTAATTCAAAGCAACGCGAA gAACCTTACCAGGTCTTGACATCCTCTGAC AATCCTAGAGATAGGACGTCCCCTTCCGGC GCAGAGTGACAgGTGGTGCATGGTTGTTCGT CagCTCgTGTCgTGAGATGTTGGGTTAAGT CCCGCAAC
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