

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

1	16S rRNA	OP890230	GCTCCCTGATGTTAGCGGCGGACGGGTGAG TAACACGTGGGTAACCTGCCTGTAAGACTG GGATAACTCCGGGAAACCGGGGCTAATACC GGATGGTTGTCTGAACCGCATGGTTCAGAC ATAAAAGGTGGCTTCGGCTACCACTTACAG ATGGACCCGCGGCGCATTAGCTAGTTGGTG AGGTAACGGCTCACCAAGGCGACGATGCGT AGCCGACCTGAGAGGGTGATCGGCCACACT GGGACTGAGACACGGCCCAGACTCCTACGG GAGGCAGCAGTAGGGAATCTTCCGCAATGG ACGAAAGTCTGACGGAGCAACGCCGCGTGA GTGATGAAGGTTTTTCGGATCGTAAAGCTCT GTTGTTAGGGAAGAACAAGTGCCGTTCAAA TAGGGCGGCACCTTGACGGTACCTAACCAG AAAGCCACGGCTAACTACGTGCCAGCAGCC GCGGTAATACGTAGGTGGCAAGCGTTGTCC GGAATTATTGGGCGTAAAGGGCTCGCAGGC GGTTTCTTAAGTCTGATGTGAAAGCCCCCG GCTCAACCGGGGAGGGTCATTGGAAACTGG GGAAGTTGAGTGCAGAAGAGGAGAGTGAA TTCCACGTGTAGCGGTGAAATGCGTAGAGA TGTGGAGGAACACCAGTGGCGAAGGCGACT CTCTGGTCTGTAAGTACGCTGAGGAGCGA AAGCGTGGGGAGCGAACAGGATTAgATACC CTGGTAGTCCACGCCGTAAACGATGAGTGC TAAGTGTTAGGGGGTTTTCCGCCCCCTTAGTG CTGCAGCTAACGCATTAAGCACTCCGCCTG GGGAGTACGGTCGCAAGACTGAAACTCAAA GGAATTGACGGGGGCCCCGCACAAGCGGTGG AGCATGTGGTTTAATTCgAAGCAACGCGAA gAACCTTACCAGGTCTTGACATCCTCTGAC AATCCTAgAGATAGGACGTCCCCTTCCGGG GCAGAGTGACAgGTGGTGCAAtGGTtGTCGT CaGCTCCTGTC
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