

Bacillus velezensis

CNMN nr: CNMN BB-14

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 (32) 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	OP890222	AGCTTGCTCCCTGATGTTAGCGGCGGACGG GTGAGTAACACGTGGGTAACCTGCCTGTAA GACTGGGATAACTCCGGGAAACCGGGGCTA ATACCGGATGGTTGTCTGAACCGCATGGTT CAGACATAAAAAGGTGGCTTCGGCTACCACT TACAGATGGACCCGCGGCGCATTAGCTAGT TGGTGAGGTAACGGCTCACCAAGGCGACGA TGCGTAGCCGACCTGAGAGGGTGATCGGCC ACACTGGGACTGAGACACGGCCCAGACTCC TACGGGAGGCAGCAGTAGGGAATCTTCCGC AATGGACGAAAGTCTGACGGAGCAACGCCG CGTGAGTGATGAAGGTTTTTCGGATCGTAAA GCTCTGTTGTTAGGGAAGAACAAGTGCCGT TCAAATAGGGCGGCACCTTGACGGTACCTA ACCAGAAAGCCACGGCTAACTACGTGCCAG CAGCCGCGGTAATACGTAGGTGGCAAGCGT TGTCGGGAATTATTGGGCGTAAAGGGCTCG CAGGCGGTTTCTTAAGTCTGATGTGAAAGC CCCCGGCTCAACCGGGGAGGGTCATTGGAA ACTGGGGAACCTTGAGTGCAGAAGAGGAGAG TGGAATTCCACGTGTAGCGGTGAAATGCGT AGAGATGTGGAGGAACACCAGTGGCGAAGG CGACTCTCTGGTCTGTAAGTACGCTGAGG AGCGAAAGCGTGGGGAGCGAACAGGATTAG ATACCCTGGTAGTCCACGCCGTAACGATG AGTGCTAAGTGTTAGGGGGTTTTCCGCCCT TAGTGCTGCAGCTAACGCATTAAGCACTCC GCCTGGGGAGTACGGTCGCAAGACTGAAAC TCAaAGGAATTGACGGGGGCCCGCACAAGC GGTGGAGCATGTGGTTTAATTCAAAGCAAC GCGAAGAACCCTTACCAGGTCTTGACATCCT CTGACAATCCTAGAGATAGGACGTCCCTT CGGGGGCAGAGTGACAAGTGGTGCATGGTT GTCGTCAgCTCgTGTCgTGAGATGTTGGGT TAAGTCCCGCA
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