

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

1	16S rRNA	OP890222	AGCTTGCTCCCTGATGTTAGCGGCGGACGG GTGAGTAACACGTGGGTAACCTGCCTGTAA GACTGGGATAACTCCGGGAAACCGGGGCTA ATACCGGATGGTTGTCTGAACCGCATGGTT CAGACATAAAAGGTGGCTTCGGCTACCACT TACAGATGGACCCGCGGCGCATTAGCTAGT TGGTGAGGTAACGGCTCACCAAGGCGACGA TGCGTAGCCGACCTGAGAGGGTGATCGGCC ACACTGGGACTGAGACACGGCCCAGACTCC TACGGGAGGCAGCAGTAGGGAATCTTCCGC AATGGACGAAAGTCTGACGGAGCAACGCCG CGTGAGTGATGAAGGTTTTTCGGATCGTAAA GCTCTGTTGTTAGGGAAGAACAAGTGCCGT TCAAATAGGGCGGCACCTTGACGGTACCTA ACCAGAAAGCCACGGCTAACTACGTGCCAG CAGCCGCGGTAATACGTAGGTGGCAAGCGT TGTCCGGAATTATTGGGCGTAAAGGGCTCG CAGGCGGTTTCTTAAGTCTGATGTGAAAGC CCCCGGCTCAACCGGGGAGGGTCATTGGAA ACTGGGGAACTTGAGTGCAGAAGAGGAGAG TGGAATTCCACGTGTAGCGGTGAAATGCGT AGAGATGTGGAGGAACACCAAGTGGCGAAGG CGACTCTCTGGTCTGTAAGTACGCTGAGG AGCGAAAGCGTGGGGAGCGAACAGGATTAG ATACCCTGGTAGTCCACGCCGTAAACGATG AGTGCTAAGTGTTAGGGGGTTTCCGCCCCCT TAGTGCTGCAGCTAACGCATTAAGCACTCC GCCTGGGGAGTACGGTCGCAAGACTGAAAC TCAaAGGAATTGACGGGGGCCCCGCACAAGC GGTGGAGCATGTGGTTTAATTCAAAGCAAC GCGAAGAACCCTTACCAGGTCTTGACATCCT CTGACAATCCTAGAGATAGGACGTCCCTT CGGGGGCAGAGTGACAAGTGGTGCATGGTT GTCGTCAgCTCgTGTCgTGAGATGTTGGGT TAAGTCCCGCA
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