

Bacillus velezensis

CNMN nr: CNMN BB-13

Tipul de organism: Bacterii

Clasificare taxonomică: *Bacillus velezensis*

Proviniența tulpinii: MD

Originea geografică: Unknown, Moldova

Produx sintetizat: Exometaboliți cu proprietăți antifungice asupra fitopatogenilor.

Importanța practică: Agricultură. Tulpina *Bacillus velezensis* FZB42 (22) sintetizează exometaboliți cu activitate antifungală pronunțată asupra tulpinilor de fitopatogeni: *Alternaria alternata*, *Botrytis cinerea*, *Fusarium oxysporum*.

Forma de păstrare: Liofilizat

Informații genomice:

Nr.	Denumirea markerului	Număr de înregistrare INSDC	Secvență genetică
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1	16S rRNA	OP890223	GCTTGCTCCCTGATGTTAGCGGCGGACGGG TGAGTAACACGTGGGTAACCTGCCTGTAAG ACTGGGATAACTCCGGGAAACCGGGGCTAA TACCGGATGGTTGTCTGAACCGCATGGTTC AGACATAAAAGGTGGCTTCGGCTACCACTT ACAGATGGACCCGCGGCGCATTAGCTAGTT GGTGAGGTAACGGCTCACCAAGGCGACGAT GCGTAGCCGACCTGAGAGGGTGATCGGCCA CACTGGGACTGAGACACGGCCCAGACTCCT ACGGGAGGCAGCAGTAGGGAATCTTCCGCA ATGGACGAAAGTCTGACGGAGCAACGCCGC GTGAGTGATGAAGGTTTTCGGATCGTAAAG CTCTGTTGTTAGGGAAGAACAAGTGCCGTT CAAATAGGGCGGCACCTTGACGGTACCTAA CCAGAAAGCCACGGCTAACTACGTGCCAGC AGCCGCGGTAATACGTAGGTGGCAAGCGTT GTCCGGAATTATTGGGCGTAAAGGGCTCGC AGGCGGTTTTCTTAAGTCTGATGTGAAAGCC CCCGGCTCAACCGGGGAGGGTCATTGGAAA CTGGGGAACCTGAGTGCAGAAGAGGAGAGT GGAATTCCACGTGTAGCGGTGAAATGCGTA GAGATGTGGAGGAACACCAGTGGCGAAGGC GACTCTCTGGTCTGTAACCTGACGCTGAGGA GCGAAAGCGTGGGAGCGAACAGGATTAGA TACCCTGGTAGTCCACGCCGTAAACGATGA GTGCTAAGTGTTAGGGGTTTTCCGCCCTT AGTGCTGCAGCTAACGCATTAAGCACTCCG CCTGGGGAGTACGGTCGCAAGACTGAAACT CAAAGGAATTGACGGGGGCGCCGACAAGCG GTGGAGCATGTGGTTTAATTCgAAGCAACG CGAAGAACCTTACCAGGTCTTGACATCCTC TGACAATCCTAgAGATAGGACGTCCCCTTC GGGGgCAGAGTGACAGGTGGTGCATGGTTG TCGTCAgCTCCTGTCTGAGATGTTGGGTT AAGTCCCGAaCGAgCGCAACCCTTGATCT TA
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