

Bacillus velezensis

CNMN nr: CNMN BB-13

Tipul de organism: Bacterii

Clasificare taxonomică: *Bacillus velezensis*

Provincia tulpinii: MD

Originea geografică: Unknown, Moldova

Produce 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 GCGAAAGCGTGGGGAGCGAACAGGATTAGA TACCCTGGTAGTCCACGCCGTAAACGATGA GTGCTAAGTGTAGGGGTTTTCCGCCCTT AGTGCTGCAGCTAACGCATTAAGCACTCCG CCTGGGGAGTACGGTCGCAAGACTGAAACT CAAAGGAATTGACGGGGGCCCGCACAAAGCG GTGGAGCATGTGGTTTAATTCgAAGCAACG CGAAGAACCTTACCAGGTCTTGACATCCTC TGACAATCCTAgAGATAGGACGTCCCCTTC GGGGgCAGAGTGACAGGTGGTGCATGGTTG TCGTCAgCTCCTGTCTGAGATGTTGGGTT AAGTCCCGAaCGAgCGCAACCCTTGATCT TA
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