

Bacillus velezensis

CNMN nr: CNMN BB-16

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 (47B) sintetizează exometaboliți cu activitate antimicrobiană pronunțată *in vitro* asupra tulpinilor de fitopatogeni: *Corinebacterium michiganense*, *Xantomonas campestris*, *Bacillus subtilis*, *Alternaria alternata*, *Fusarium solani*, *Fusarium oxysporum*, *Botrytis cinerea*, *Erwinia caratavora*, *Aspergillus niger*.

Forma de păstrare: Liofilizat

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| Informații genomice: | | | |
| | Nr. | Denumirea markerului | Număr de înregistrare INSDC |
| | | | Secvență genetică |

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| 1 | 16S rRNA | OP890226 | gaGCGGACAGATGGGAGCTTGCTCCCTGAT GTTAGCGGCGGACGGGTGAGTAACACGTGG GTAACCTGCCTGTAAGACTGGGATAACTCC GGGAAACCGGGGCTAATACCGGATGGTTGT CTGAACCGCATGGTTCAGACATAAAAGGTG GCTTCGGCTACCACTTACAGATGGACCCGC GGCGCATTAGCTAGTTGGTGAGGTAACGGC TCACCAAGGCGACGATGCGTAGCCGACCTG AGAGGGTGATCGGCCACACTGGGACTGAGA CACGGCCCAGACTCCTACGGGAGGCAGCAG TAGGGAATCTTCCGCAATGGACGAAAGTCT GACGGAGCAACGCCGCGTGAGTGATGAAGG TTTTCGGATCGTAAAGCTCTGTTGTTAGGG AAGAACAAGTGCCGTTCAAATAGGGCGGCA CCTTGACGGTACCTAACCAGAAAGCCACGG CTAACTACGTGCCAGCAGCCGCGGTAATAC GTAGGTGGCAAGCGTTGTCCGGAATTATTG GGCGTAAAGGGCTCGCAGGCGGTTTCTTAA GTCTGATGTGAAAGCCCCGGCTCAACCGG GGAGGGTCATTGGAAACTGGGGAAGTTGAG TGCAGAAGAGGAGAGTGGAATTCCACGTGT AGCGGTGAAATGCGTAGAGATGTGGAGGAA CACCAGTGGCGAAGGCGACTCTCTGGTCTG TAACTGACGCTGAGGAGCGAAAGCGTG GGG AGCGAACACGATTATATACCCTGGTAGTCC ACGCCGTAAACgATGAGTGCTAACTGTTAG gGGGTTTCCGCCCctTAgTGCTGcAgCTAA CgCATTAAGCAC |
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