

Genomic DNA from *Lactobacillus jensenii*, Strain JV-V16

Catalog No. HM-105D

Product Description: Genomic DNA was obtained from a preparation of *Lactobacillus jensenii* (*L. jensenii*), strain JV-V16.

Lot¹: 58730626

Manufacturing Date: 25SEP2009

TEST	SPECIFICATIONS	RESULTS
Sequencing of 16S Ribosomal RNA Gene (~ 1440 bp)	Consistent with <i>L. jensenii</i>	Consistent with <i>L. jensenii</i>
Agarose Gel Electrophoresis	High molecular weight chromosomal DNA	High molecular weight chromosomal DNA (Figure 1)
Concentration by PicoGreen[®] Measurement	0.7 to 1.25 µg in 25 to 100 µL per vial	1.0 µg in 33 µL per vial (31 µg/mL)
Functional Activity by PCR Amplification 16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
OD₂₆₀/OD₂₈₀ Ratio	1.7 to 1.9	1.9
Bacterial Inactivation 10% of total yield plated on Lactobacilli MRS Agar ^{2,3}	No viable bacteria detected	No viable bacteria detected

¹The bacterial preparation used for extraction of genomic DNA was produced by Lactobacilli MRS Broth culture of the deposited material. After incubation for 24 hours at 37°C and aerobic atmosphere, genomic DNA was extracted using proprietary technology.

²7 days at 37°C in an aerobic atmosphere

³An extraction procedure was used that has been shown to consistently inactivate 100% of Gram-negative bacteria.

Date: 17MAR2010

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

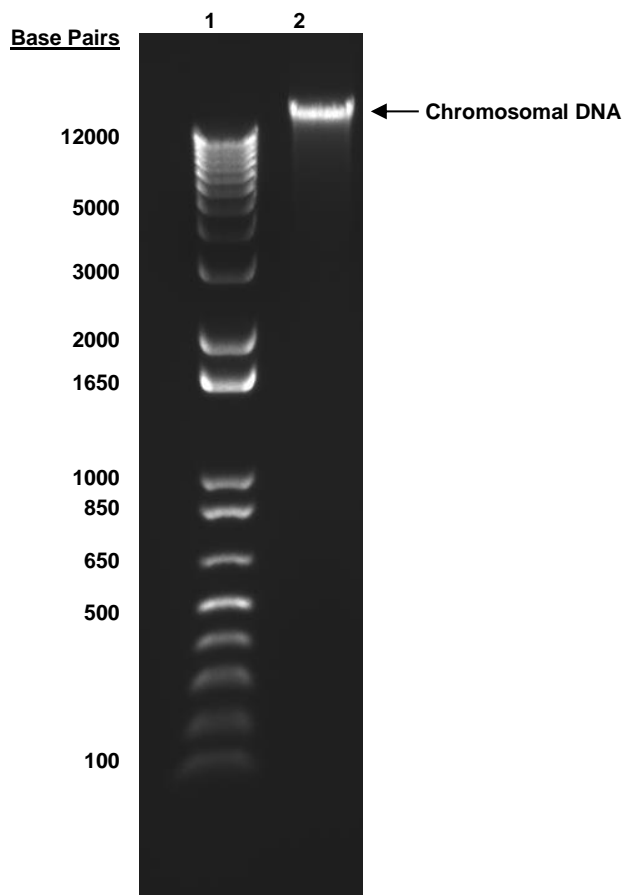
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Figure 1



Lane 1: Invitrogen™ TrackIt 1 Kb Plus DNA Ladder™
Lane 2: 200 ng of HM-105D