

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

**Catalog No. HM-105D**

**For research use only. Not for human use.**

### Contributor:

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### Product Description:

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

*L. jensenii*, strain JV-V16 is a human isolate from Texas. Strain JV-V16 is a reference genome for [The Human Microbiome Project](#) (HMP). HMP is an initiative to identify and characterize human microbial flora. The whole genome shotgun sequencing of *L. jensenii*, strain JV-V16 is available (GenBank: ACGQ00000000.1).

HM-105D has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA.

### Material Provided:

Each vial contains 0.7 to 1.25 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 7.4). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

### Packaging/Storage:

HM-105D was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

### Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH as part of the Human Microbiome Project: Genomic DNA from *Lactobacillus jensenii*, strain JV-V16, HM-105D."

### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#). 5th ed. Washington, DC: U.S. Government Printing Office, 2007; see [www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm).

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### References:

1. Srinivasan, S. and D. N. Fredericks. "The Human Vaginal Bacterial Biota and Bacterial Vaginosis." [Interdiscip. Perspect. Infect. Dis.](#) 2008 (2008): 750479. PubMed: 19282975.
2. Boskey, E. R., et al. "Acid Production by Vaginal Flora in Vitro is Consistent with the Rate and Extent of Vaginal Acidification." [Infect. Immun.](#) 67 (1999): 5170-5175. PubMed: 10496892.

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