

Product Information Sheet for HM-480D

Genomic DNA from *Stomatobaculum longum* (Deposited as *Lachnospiraceae* sp.), Strain ACC2

Catalog No. HM-480D

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Stomatobaculum longum* (*S. longum*), strain ACC2. Note: The HMP material used for DNA extraction was taxonomically classified by the depositor. Quality control of HMP organisms is only performed to demonstrate that the material produced by BEI Resources is identical to the deposited material.

S. longum, strain ACC2 was deposited as *Lachnospiraceae* sp., however, this organism has been reclassified as *Stomatobaculum longum*.¹ *S. longum*, strain ACC2 was isolated in March 2010 from the subgingival plaque of a 25-year-old black female.¹ *S. longum*, strain ACC2 ([HMP ID 9623](#)) is a reference genome for [The Human Microbiome Project](#) (HMP). HMP is an initiative to identify and characterize human microbial flora. The complete genome of *S. longum*, strain ACC2 is available (GenBank: [AGEL000000000](#)).

HM-480D has been qualified for PCR applications by amplification of approximately 1500 base pairs of the 16S ribosomal RNA gene.

Material Provided:

Each vial contains 0.7 µg to 1.5 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8.0). Each vial of HM-480D lot 0002019 contains 0.7 µg to 1.5 µg of bacterial genomic DNA in 10 mM Tris-HCl (pH ~ 8.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

HM-480D 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 BEI Resources, NIAID, NIH as part of the Human Microbiome Project: Genomic DNA from *Stomatobaculum longum* (Deposited as *Lachnospiraceae* sp.), Strain ACC2, HM-480D."

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, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Sizova, M. V., et al. "*Stomatobaculum longum* gen. nov., sp. nov., an Obligately Anaerobic Bacterium from the Human Oral Cavity." *Int. J. Syst. Evol. Microbiol.* 63 (2013): 1450-1456. PubMed: 22843721.

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