

**Genomic DNA from *Corynebacterium amycolatum*, Strain SK46**

**Catalog No. HM-109D**

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

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

Genomic DNA was obtained from a preparation of *Corynebacterium amycolatum* (*C. amycolatum*), strain SK46. **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.

*C. amycolatum*, strain SK46 was isolated from the right arm normal skin of a 57-year-old man.<sup>1,2</sup> *C. amycolatum*, strain SK46 ([HMP ID 282](#)) 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 sequence of *C. amycolatum*, strain SK46 was sequenced at the [J. Craig Venter Institute](#) (GenBank: [ABZU00000000](#)).

HM-109D 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 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-109D lot 64498988 contains 0.7 to 1.5 µg of bacterial genomic DNA in 10 mM Tris (pH ~ 8.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

**Packaging/Storage:**

HM-109D 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 *Corynebacterium amycolatum*, Strain SK46, HM-109D.”

**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 <http://www.cdc.gov/biosafety/publications/bmb15/index.htm>.

**Disclaimers:**

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**References:**

1. [HMP ID 282](#) (*C. amycolatum*, strain SK46)
2. Perez-Perez, G. I., Personal Communication.

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