

Product Information Sheet for HM-289

Facklamia sp., Strain HGF4

Catalog No. HM-289

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Aerococcaceae*, *Facklamia*

Species: *Facklamia* sp.

Strain: HGF4

Original Source: *Facklamia* sp., strain HGF4 is a human gastrointestinal isolate.¹

Comments: *Facklamia* sp., strain HGF4 (HMP ID 9411) 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 *Facklamia* sp., strain HGF4 is currently being sequenced at the [J. Craig Venter Institute](#).

Note: HMP material is taxonomically classified by the depositor. Quality control of these materials is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material.

Facklamia species are typically Gram-positive, facultatively anaerobic, non-spore-forming, non-motile cocci isolated from human clinical sources.² Several *Facklamia* species are considered opportunistic pathogens.³

Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in Brain Heart Infusion broth supplemented with 10% glycerol.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:

HM-289 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Growth Conditions:

Media:

Brain Heart Infusion broth or equivalent

Tryptic Soy agar with 5% defibrinated sheep blood or equivalent

Incubation:

Temperature: 37°C

Atmosphere: Aerobic

Propagation:

1. Keep vial frozen until ready for use, then thaw.
2. Transfer the entire thawed aliquot into a single tube of broth.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tube, slant and/or plate at 37°C for 48 to 168 hours.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Facklamia* sp., Strain HGF4, HM-289."

Biosafety Level: 2

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.

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References:

1. [HMP ID 9411](#) (*Facklamia* sp., strain HGF4)
2. Collins, M. D., et al. "Phenotypic and Phylogenetic Characterization of Some *Globicatella*-like Organisms from Human Sources: Description of *Facklamia hominis* gen. nov., sp. nov." *Int. J. Syst. Bacteriol.* 47 (1997): 880-882. PubMed: 9226922.
3. LaClaire, L. and R. Facklam. "Antimicrobial Susceptibilities and Clinical Sources of *Facklamia* Species." *Antimicrob. Agents Chemother.* 44 (2000): 2130-2132. PubMed: 10898686.

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