

**Facklamia sp., Strain HGF4**

**Catalog No. HM-289**

**Product Description:** *Facklamia* sp., strain HGF4 is a human gastrointestinal isolate.

**Lot<sup>1,2</sup>: 62072070**

**Manufacturing Date: 28OCT2013**

TEST	SPECIFICATIONS	RESULTS
<b>Phenotypic Analysis</b> Cellular morphology <sup>3</sup> Colony morphology <sup>3</sup>  Motility (wet mount)	Gram-positive cocci Report results  Non-motile	Gram-positive cocci Circular, flat, entire, smooth and gray (Figure 1) Non-motile
<b>Genotypic Analysis</b> Sequencing of 16S ribosomal RNA gene (~ 1490 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>Facklamia</i> sp.	≥ 99% identical to depositor's sequence Consistent with <i>Facklamia</i> sp. <sup>4</sup>
<b>Viability (post-freeze)<sup>3</sup></b>	Growth	Growth

<sup>1</sup>Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

<sup>2</sup>*Facklamia* sp., strain HGF4 was deposited by Thomas M. Schmidt, Professor, Department of Microbiology and Molecular Genetics, Michigan State University, East Lansing, Michigan, USA. HM-289 was produced by inoculation of the deposited material into Brain Heart Infusion broth and incubated on Tryptic Soy agar with 5% defibrinated sheep blood for 173 hours at 37°C in an aerobic atmosphere. The growth was then suspended in Brain Heart Infusion broth and added to Tryptic Soy agar with 5% defibrinated sheep blood kolles which were grown 166 hours at 37°C in an aerobic atmosphere to produce this lot. Purity of this lot was assessed for 7 days under propagation conditions.

<sup>3</sup>73 hours at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood

<sup>4</sup>The depositor's sequence length is ~650 base pairs.

**Figure 1**



**Date:** 20 MAY 2014

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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