SUPPORTING INFECTIOUS DISEASE RESEARCH

## Phascolarctobacterium sp., Strain 3\_1\_syn4

## Catalog No. HM-179

**Product Description:** *Phascolarctobacterium* sp., strain 3\_1\_syn4 was isolated from the colon of a patient undergoing a colon cancer screen procedure in Calgary, Alberta, Canada in 2007.

## Lot<sup>1,2</sup>: 62072063

## Manufacturing Date: 06NOV2013

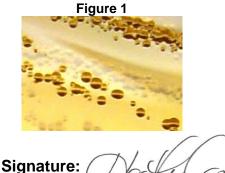
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology Colony morphology <sup>3</sup>	Gram-negative rods	Gram-negative rods
Colony morphology	Report results	Circular, low convex, entire, translucent, smooth and colorless (Figure 1)
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1370 base pairs)	≥ 99% identical to depositor's sequence Consistent with <i>Phascolarctobacterium</i> sp.	≥ 99% identical to depositor's sequence Consistent with <i>Phascolarctobacterium</i> sp.
Purity (post-freeze)		
Anaerobic growth <sup>3</sup>	Growth consistent with Phascolarctobacterium sp.	Growth consistent with Phascolarctobacterium sp.
Aerobic growth <sup>4</sup>	No growth	No growth
Viability (post-freeze) <sup>3</sup>	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>Phascolarctobacterium sp., strain 3\_1\_syn4 was deposited by Emma Allen-Vercoe, Assistant Professor, Department of Molecular and Cellular Biology, University of Guelph, Guelph, Ontario, Canada. HM-179 was produced by inoculation of the deposited material into Wilkins-Chalgren broth with lysed horse blood and incubated for 6 days at 37°C in an anaerobic atmosphere (< 5% O<sub>2</sub>; Remel<sup>™</sup> Pack-Anaero<sup>™</sup>). The material from the initial growth was passaged once in Wilkins-Chalgren anaerobe broth with 2% yeast extract for 13 days at 37°C in an anaerobic atmosphere. The material was passaged one additional time in Wilkins-Chalgren anaerobe broth with 2% yeast extract for 6 days at 37°C in an anaerobic atmosphere to produce this lot.

<sup>3</sup>6 days on Wilkins-Chalgren anaerobe agar with 2% yeast extract at 37°C in an anaerobic atmosphere

<sup>4</sup>Purity of this lot was assessed for 7 days on Tryptic Soy agar with 5% defibrinated sheep blood at 37°C in an aerobic atmosphere with 5% CO<sub>2</sub>.



Date: 03 APR 2015

**BEI Resources Authentication** 

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