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^{1,2}: 62072063

Manufacturing Date: 06NOV2013

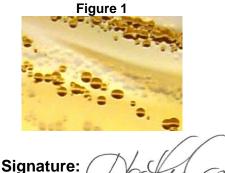
TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology Colony morphology ³	Gram-negative rods	Gram-negative rods
Colony morphology	Report results	Circular, low convex, entire, translucent, smooth and colorless (Figure 1)
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1370 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 ³	Growth consistent with Phascolarctobacterium sp.	Growth consistent with Phascolarctobacterium sp.
Aerobic growth ⁴	No growth	No growth
Viability (post-freeze) ³	Growth	Growth

¹Quality 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.

²Phascolarctobacterium 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% O₂; Remel[™] Pack-Anaero[™]). 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.

³6 days on Wilkins-Chalgren anaerobe agar with 2% yeast extract at 37°C in an anaerobic atmosphere

⁴Purity 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% CO₂.



Date: 03 APR 2015

BEI Resources Authentication

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection. You are authorized to use this product for research use only. It is not intended for human use.



BEI Resources www.beiresources.org E-mail: <u>contact@beiresources.org</u> Tel: 800-359-7370 Fax: 703-365-2898