**Bacteroidetes, Oral Taxon 274, Strain F0058**

**Catalog No. HM-4**

For research use only. Not for human use.

**Contributor:**
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**Manufacturer:**
BEI Resources

**Product Description:**
**Bacteria Classification:** Bacteroidetes, unclassified
* Bacteroidetes
* Phylum: Bacteroidetes
* Subtaxon: Oral Taxon 274
* Strain: F0058

**Original Source:** Bacteroidetes, Oral Taxon 274, strain F0058 was isolated in November 1984 from the subgingival plaque of 39-year-old American male patient with moderate periodontitis.1

**Comments:** Bacteroidetes, Oral Taxon 274, strain F0058 (HMP ID 0156) 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 Bacteroidetes, Oral Taxon 274, strain F0058 was sequenced at the Broad Institute (GenBank: ADCM00000000).

**Material Provided:**
Each vial contains approximately 0.5 mL of bacterial culture in Brain Heart Infusion broth supplemented with 5% DMSO.

**Packaging/Storage:**
HM-4 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
Fastidious Anaerobic agar or equivalent
**Incubation:**
Temperature: 37°C
Atmosphere: Anaerobic
**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 7 days.

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: Bacteroidetes, Oral Taxon 274, Strain F0058, HM-4.”

**Biosafety Level:** 2

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References:
1. Izard, J., Personal Communication.
4. HMP ID 0156 (Bacteroidetes, Oral Taxon 274, strain F0058)

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