Designation: T7901
Deposited Name: Teredinobacter turnerae Distel et al. 2002, sp. nov.

Medium
ATCC® Medium 1983: Teredinobacter medium

Growth Conditions
Temperature: 30°C
Atmosphere: Aerobic

Propagation Procedure
1. Open thawed vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Aseptically transfer the entire contents to a 5-6 mL tube of #1983 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary tubes.
3. Use several drops of the primary broth tube to inoculate a #1983 plate and/or #1983 agar slant.
4. Incubate at 30°C for 48-72 hours.

Deposited as type strain.
Colonies on #1983 are pinpoint and difficult to observe due to the color of the agar; microscopic evaluation is recommended. The broth does not become turbid when growth occurs; microscopic observation is required. Cells are highly motile and may be difficult to observe.

This culture was originally deposited as Strain T7902. Comparison of 10 kb of contiguous sequence including the 3' end of the 23S rRNA, the 23S-5S spacer, the 5S rRNA and 12 subsequent contiguous open reading frames from ATCC® 39867™ with the genome sequence determined for Strain T7901 obtained from the original stock in the Waterbury collection revealed identical sequence alignment. However, ATCC® 39867™ differed by ~6% in nucleotide sequence from T7902 over 8kb of homologous protein coding sequence from the same genome region. Further, comparison of the ribotype patterns from ATCC® 39867™ and the original stocks of T7901 and T7902 from the Waterbury collection demonstrated that ATCC® 39867™ matched the T7901 pattern and differed from T7902. (Personal communication Daniel L. Distel, Ph.D. Executive Director, Ocean Genome Legacy, April 2009)

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References and other information relating to this product are available online at www.atcc.org.

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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