

Methanosuratincola verstraetei LCB70

Submitted by Hatzenpichler, Roland

Species *Methanosuratincola verstraetei*

Etymology

[ver.strae.te'i] **N.L. gen. n.** *verstraetei*, In honor of the contributions of Professor Willy Verstraete (Ghent University, Belgium) to anaerobic microbiology and biotechnology.

Nomenclatural type

[NCBI Assembly: GCA_049570475.1](#)^{Ts}

Description

Strain LCB70 is a methanogen affiliated with the candidate genus *Methanosuratincola*, class Methanomethylia, phylum Thermoproteota, for which we propose the name *Methanosuratincola verstraetei* sp. nov. *Methanosuratincola verstraetei* LCB70 is thermophilic methyl-reducing methanogen of the phylum Thermoproteota that grows as coccoid cells with a diameter of 845 ± 163 nm. Its genome has a length of 1.52 Mb and a GC content of 54.6%.

Classification

Archaea » Thermoproteota » Methanosuratincolia » Methanosuratincolales » Methanosuratincolaceae » Methanosuratincola » *Methanosuratincola verstraetei*

References

Effective publication: Kohtz et al., 2024 [1]

Registry URL

<https://seqco.de/i:55771>

References

1. Kohtz et al. (2024). Cultivation and visualization of a methanogen of the phylum Thermoproteota. *Nature*. DOI:10.1038/s41586-024-07631-6

Register List Certificate of Validation

On behalf of the *Committee on the Systematics of Prokaryotes Described from Sequence Data* (SeqCode Committee), we hereby certify that the Register List **seqco.de/r:fmoqupgc** submitted by **Hatzenpichler, Roland** and including 1 new name has been successfully validated.

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