Species *Candidatus* Methanomethylicus oleisabuli

Etymology

[o.le.i.sa'bu.li] **L. neut. n.** *oleum*, oil; **L. neut. n.** *sabulum*, sand; **N.L. gen. n.** *oleisabuli*, of oil sand

Nomenclatural type

NCBI Assembly: GCA_001717025.1 [Ts]

Description

This organism is inferred to be capable of methylotrophic methanogenesis, is non-motile, and not cultivated, represented by a near-complete population genome V3 obtained from an iso-alkane degrading enrichment culture from tailings ponds.

Classification

Archaea » "Methanomethylicota" » *Candidatus* Methanomethylicia » *Candidatus* Methanomethylicales » *Candidatus* Methanomethylicaceae » *Candidatus* Methanomethylicus » *Candidatus* Methanomethylicus oleisabuli

References

Effective publication: Vanwonterghem et al., 2016 [1]
Corrigendum: Oren et al., 2020 [2] (from "Methanomethylicus oleusabulum")

Registry URL

https://seqco.de/i:23975

References

1. Vanwonterghem et al. (2016). Methylotrophic methanogenesis discovered in the archaeal phylum Verstraetearchaeota. *Nature Microbiology*. DOI:10.1038/nmicrobiol.2016.170
2. Oren et al. (2020). Lists of names of prokaryotic Candidatus taxa. *International Journal of Systematic and Evolutionary Microbiology*. DOI:10.1099/ijsem.0.003789