

Order *Candidatus* Methanomethylicaes

Etymology

[Me.tha.no.me.thy.li.ca'les] N.L. masc. n. *Methanomethylicus*, referring to the type genus *Methanomethylicus*; -ales, ending to denote an order; N.L. fem. pl. n. *Methanomethylicaes*, the *Methanomethylicus* order

Nomenclatural type

Genus *Candidatus* *Methanomethylicus*

Description

The description is the same as for the genus *Methanomethylicus*.

Classification

Archaea » “Verstraetearchaeota” » *Candidatus* Methanomethylicia » *Candidatus* Methanomethylicaes

References

Proposed: Vanwonterghem et al., 2016

Corrigendum: Berghuis et al., 2019 (from “Methanomethylicaes”)

Registry URL

<https://seqco.de/i:23979>

References

1. Vanwonterghem et al. (2016). Methylotrophic methanogenesis discovered in the archaeal phylum Verstraetearchaeota. *Nature Microbiology*. DOI:10.1038/nmicrobiol.2016.170
2. Berghuis et al. (2019). Hydrogenotrophic methanogenesis in archaeal phylum Verstraetearchaeota reveals the shared ancestry of all methanogens. *Proceedings of the National Academy of Sciences*. DOI:10.1073/pnas.1815631116