

Family *Candidatus* Methanomethylicaceae

Etymology

[Me.tha.no.me.thy.li.ca.ce'ae] N.L. masc. n. *Methanomethylicus*, referring to the type genus *Methanomethylicus*; -*aceae*, ending to denote a family; N.L. fem. pl. n. *Methanomethylicaceae*, the *Methanomethylicus* family

Nomenclatural type

Genus *Candidatus* *Methanomethylicus*

Description

The description is the same as for the genus *Methanomethylicus*. Type genus: *Candidatus* 'Methanomethylicus', gen. nov.

Classification

Archaea » "Verstraetearchaeota" » *Candidatus* Methanomethylicia » *Candidatus* Methanomethylicaes » *Candidatus* Methanomethylicaceae

References

Effective publication: Vanwonterghem et al., 2016 [1]
Corrigendum: Berghuis et al., 2019 [2] (from "Candidatus Methanomethylicaceae")

Registry URL

<https://seqco.de/i:23978>

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