

## Species *Candidatus Methanomethylicus mesodigestus*

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### Etymology

[me.so.di.ges'tus] Gr. masc. adj. *mesos*, middle; L. masc. past. part. *digestus*, that has a good digestion; N.L. masc. adj. *mesodigestus*, referring to a mesophilic digester

### Nomenclatural type

[NCBI Assembly: GCA\\_001717005.1](#)<sup>TS</sup>

### Description

This organism is inferred to be capable of methylotrophic methanogenesis, is non-motile, and not cultivated, represented by near-complete population genomes V1 (type strain) and V2 obtained from anaerobic digesters.

### Classification

*Archaea* » “Methanomethylicota” » *Candidatus Methanomethylicia* » *Candidatus Methanomethylicaes* » *Candidatus Methanomethylicaceae* » *Candidatus Methanomethylicus* » *Candidatus Methanomethylicus mesodigestus*

### References

Effective publication: Vanwonterghem et al., 2016 [1]  
*Corrigendum*: Oren et al., 2020 [2] (from “*Candidatus Methanomethylicus mesodigestum*”)

### Registry URL

<https://seqco.de/i:23974>

## 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