

## 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](#)<sup>TS</sup>

### 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 Methanomethylicaes* » *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