

## Class *Methanoliparia*

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### Etymology

[Me.tha.no.li.pa'ri.a] N.L. neut. n. *Methanoliparum*, referring to the type genus *Methanoliparum*; *-ia*, ending to denote a class; N.L. neut. pl. n. *Methanoliparia*, the *Methanoliparum* class

### Nomenclatural type

Genus *Methanoliparum*

### Description

Analyses of enrichment cultures indicate that members of this class can utilize long-chain alkanes as substrate for methanogenesis.

### Classification

*Archaea* » *Methanobacteriota* » *Methanoliparia*

### References

Effective publication: Borrel et al., 2019 [1]  
Assigned taxonomically: Göker, Oren, 2023 [2]

### Registry URL

<https://seqco.de/i:465>

## References

1. Borrel et al. (2019). Wide diversity of methane and short-chain alkane metabolisms in uncultured archaea. *Nature Microbiology*. [DOI:10.1038/s41564-019-0363-3](https://doi.org/10.1038/s41564-019-0363-3)
2. Göker, Oren (2023). Valid publication of four additional phylum names. *International Journal of Systematic and Evolutionary Microbiology*. [DOI:10.1099/ijsem.0.006024](https://doi.org/10.1099/ijsem.0.006024)