

Species *Dehalobacter alkaniphilus*

Etymology

[al.ka.ni.phi'lus] N.L. masc. n. *alkanum*, alkane; N.L. masc. adj. *philus*, loving; N.L. masc. adj. *alkaniphilus*, alkane-loving

Nomenclatural type

[NCBI Assembly: GCA_040500365.1](#)^{TS}

Description

The member of the *Dehalobacter* genus, *Candidatus* *Dehalobacter alkaniphilus*, is a bacterial species identified by metagenomic analyses. These bacteria anaerobically respire chlorinated alkanes through reductive dechlorination using hydrogen as an electron donor.

Classification

Bacteria » *Bacillota* » *Clostridia* » *Eubacteriales* » *Peptococcaceae* » *Dehalobacter* » *Dehalobacter alkaniphilus*

References

Effective publication: Bulka et al., 2024 [1]

Registry URL

<https://seqco.de/i:49180>

References

1. Bulka et al. (2024). Pangenomic insights into *Dehalobacter* evolution and acquisition of functional genes for bioremediation. *Microbial Genomics*. [DOI:10.1099/mgen.0.001324](https://doi.org/10.1099/mgen.0.001324)