

Genus *Syntrophacetatiphaga*

Etymology

[Syn.tro.pha.ce.ta.ti.pha'ga] **Gr. prep. *syn***, together with; **Gr. fem. n. *trophos***, one who feeds; **N.L. masc. n. *acetas***, acetate; **Gr. inf. v. *phagein***, to eat; **N.L. fem. n. *Syntrophacetatiphaga***, syntrophic eater of acetate

Nomenclatural type

Species *Syntrophacetatiphaga salishiae*^{Ts}

Description

A genus containing syntrophic acetate oxidizing bacteria commonly found in anoxic engineered environments like landfills and anaerobic digesters.

Classification

Bacteria » *Bacillota* » *Clostridia* » *Peptostreptococcales* » *Natronincolaceae* » *Syntrophacetatiphaga*

References

Effective publication: Friedline et al., 2025 [1]

Registry URL

<https://seqco.de/i:50970>

References

1. Friedline et al. (2025). Activity-targeted metaproteomics uncovers rare syntrophic bacteria central to anaerobic community metabolism. *Nature Microbiology*. DOI:10.1038/s41564-025-02146-w