

Family *Termitispirillaceae*

Etymology

[Ter.mi.ti.spi.ril.la'ce.ae] **N.L. neut. dim. n.** *Termitispirillum*, the type genus of the family; -*aceae*, ending to denote a family; **N.L. fem. pl. n.** *Termitispirillaceae*, the *Termitispirillum* family

Nomenclatural type

Genus *Termitispirillum*

Description

Members of this family are uncultured and inhabit the guts of insects, including termites and *Cryptocercus* cockroaches. This family is a sister clade of the family *Mucispirillaceae* in the phylum *Deferribacterota*. The type genus of this family is *Termitispirillum*.

Classification

Bacteria » *Deferribacterota* » *Deferribacteres* » *Deferribacterales* » *Termitispirillaceae*

References

Effective publication: Maruoka et al., 2026 [1]

Registry URL

<https://seqco.de/i:54891>

References

1. Maruoka et al. (2026). Discovery and genomics of H₂-oxidizing/O₂-reducing *Deferribacterota* ectosymbiotic with protists in the guts of termites and a *Cryptocercus* cockroach. *ISME Communications*. [DOI:10.1093/ismeco/ycag002](https://doi.org/10.1093/ismeco/ycag002)