

Genus *Methanofilum*

Etymology

[Me.tha.no.fi'lum] N.L. pref. *methano-*, pertaining to methane; L. neut. n. *filum*, a thread or string; N.L. neut. n. *Methanofilum*, a methane-producing thread.

Nomenclatural type

Species *Methanofilum arcanum*^{Ts}

Description

The genus is defined by relative evolutionary divergence (RED) and phylogenomic analysis as a monophyletic group.

Classification

Archaea » *Methanobacteriota* » "Methanomicrobia" » *Methanomicrobiales* » *Methanospirillaceae* » *Methanofilum*

References

Effective publication: Protasov et al., 2023 [1]

Registry URL

<https://seqco.de/i:32513>

References

1. Protasov et al. (2023). Diversity and taxonomic revision of methanogens and other archaea in the intestinal tract of terrestrial arthropods. *Frontiers in Microbiology*. DOI:10.3389/fmicb.2023.1281628