

Genus *Methanogranum*

Etymology

[Me.tha.no.gra'num] N.L. neut. n. *methanum*, methane; N.L. pref. *methano-*, pertaining to methane (in compound words); L. neut. n. *granum*, grain, seed; N.L. neut. n. *Methanogranum*, a methane-producing grain-like organism

Nomenclatural type

Species *Methanogranum gryphiswaldense*^{Ts}

Description

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

Classification

Archaea » *Methanobacteriota* » *Thermoplasmata* » *Methanomassiliicoccales* » *Methanomethylophilaceae* » *Methanogranum*

References

Effective publication: Protasov et al., 2023 [1]
Original (not valid) publication: Iino et al., 2013 [2]

Registry URL

<https://seqco.de/i:32537>

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
2. Iino et al. (2013). *Candidatus* *Methanogranum caenicola*: a Novel Methanogen from the Anaerobic Digested Sludge, and Proposal of *Methanomassiliicoccaceae* fam. nov. and *Methanomassiliicoccales* ord. nov., for a Methanogenic Lineage of the Class *Thermoplasmata*. *Microbes and Environments*. DOI:10.1264/jsme2.me12189