Species *Endomicrobiellum dinenymphae*

Etymology

[di.ne.nym'phae] **N.L. gen. n.** *dinenymphae*, of Dinenympha, referring to the host flagellate

Nomenclatural type

NCBI Assembly: GCA_020328135.1 [Ts]

Description

The species comprises only single-cell amplified genomes. Colonizes the cytoplasm of *Dinenympha*. The species includes all bacteria with more than 95% average nucleotide identity (ANI) to the type genome. The GC content of the type strain is 36.0 mol% and the estimated genome size is 1.1Mbp.

Classification

Bacteria » *Elusimicrobiota* » *Endomicrobiia* » *Endomicrobiales* » *Endomicrobiaceae* » *Endomicrobiellum* » *Endomicrobiellum dinenymphae*

References

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

Registry URL

https://seqco.de/i:32909

References

1. Mies et al. (2024). Genome reduction and horizontal gene transfer in the evolution of Endomicrobia—rise and fall of an intracellular symbiosis with termite gut flagellates. *mBio*. DOI:10.1128/mbio.00826-24