

Genus *Candidatus* Hecatella

Etymology

[He.ca.tel'la] N.L. fem. dim. n. *Hecatella*, little Hecate, after the Greek mythology goddess of witchcraft and crossroads

Nomenclatural type

Species *Candidatus* Hecatella orcuttiae

Description

Named "little Hecate" after the Greek mythology goddess of witchcraft and crossroads; a reference to their metabolism being at the "crossroads" of methanogenesis and the Wood-Ljungdahl pathway by means of its Mtr complex. Equivalent to GTDB g_JdFR-11.

Classification

Archaea » "Bathyarchaeota" » "Bathyarchaeia" » *Candidatus* Hecatellales » *Candidatus* Hecatellaceae » *Candidatus* Hecatella

References

Proposed: Adam et al., 2022

Registry URL

<https://seqco.de/i:31309>

References

1. Adam et al. (2022). Genomic remnants of ancestral methanogenesis and hydrogenotrophy in Archaea drive anaerobic carbon cycling. *Science Advances*. DOI:10.1126/sciadv.abm9651