

Genus *Amarobacter*

Etymology

[A.ma.ro.bac'ter] Gr. fem. n. *amara*, trench, conduit, here a sewage conduit; N.L. masc. n. *bacter*, rod-shaped bacterium; N.L. masc. n. *Amarobacter*, rod-shaped bacterium found in sewage sludge

Nomenclatural type

Species *Amarobacter glycogenicus*^{Ts}

Description

A genus established on the basis of MiGA taxonomic novelty analyses, ANI, 16S rRNA gene phylogenetic reconstruction, FISH and phylogenomic analyses and is classified as a member of the Tepidiformalceae family. The type species of the genus is *Amarobacter glycogenicus*.

Classification

Bacteria » *Chloroflexota* » *Tepidiformia* » *Tepidiformales* » *Tepidiformaceae* » *Amarobacter*

References

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

Registry URL

<https://seqco.de/i:44011>

References

1. Petriglieri et al. (2023). A comprehensive overview of the Chloroflexota community in wastewater treatment plants worldwide. *mSystems*. DOI:10.1128/msystems.00667-23