

Class *Tepidihabitantia*

Etymology

[Te.pi.di.ha.bi.tan'ti.a] **N.L. masc. n.** *Tepidihabitans*, the type genus of the class; **L. neut. pl. suff. -ia**, ending to denote a class; **N.L. neut. pl. n.** *Tepidihabitantia*, the Tepidihabitans class

Nomenclatural type

Genus *Tepidihabitans*

Description

The class Tepidihabitantia is designated as c__WOR-3 in GTDB R226. In addition to Tepidihabiantales (o__UBA2258) order it includes o__B3-TA06, o__SM23-42 and other in accordance with the GTDB R226 designations.

[Fig.pdf 46.7 KB](#)

Classification

Bacteria » “Hydrothermota” » *Tepidihabitantia*

References

Effective publication: Slobodkina et al., 2025 [1]

Registry URL

<https://seqco.de/i:51337>

References

1. Slobodkina et al. (2025). Taxonomic and metabolic diversity of microbial communities in a thermal water stream in Uzbekistan and proposal of two new classes of uncultivated bacteria, Desulfocorpusculia class. nov. and Tepidihabitantia class. nov., named following the rules of SeqCode. *Systematic and Applied Microbiology*. DOI:10.1016/j.syapm.2025.126650