

Order *Tepidihabिताntales*

Etymology

[Te.pi.di.ha.bi.tan.ta'les] **N.L. masc. n.** *Tepidihabitans*, the type genus of the order; **L. fem. pl. suff.** *-ales*, ending to denote an order; **N.L. fem. pl. n.** *Tepidihabिताntales*, the Tepidihabitans order

Nomenclatural type

Genus *Tepidihabitans*

Description

The order Tepidihabिताntales is designated as o_UBA2258 in GTDB R226. In addition to Tepidihabिताntaceae (f_UBA2258) family it includes f_CAIPLT01, f_DTDR01, f_JBDRVQ01 and other in accordance with the GTDB R226 designations.

[Fig.pdf 46.7 KB](#)

Classification

Bacteria » "Hydrothermota" » *Tepidihabिताntia* » *Tepidihabिताntales*

References

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

Registry URL

<https://seqco.de/i:51336>

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 Tepidihabिताntia class. nov., named following the rules of SeqCode. *Systematic and Applied Microbiology*. DOI:10.1016/j.syapm.2025.126650