

Genus *Amphritriteisimkania*

Etymology

[Am.phri.tri.te.i.sim.ka'ni.a] N.L. fem. n. *Amphritrite*, from Gr. Amphritrite, wife of Poseidon; N.L. fem. n. *Simkania*, the bacterial genus *Simkania*; N.L. fem. n. *Amphritriteisimkania*, the "Simkania" of Amphritrite

Nomenclatural type

Species *Amphritriteisimkania amoebophryae*^{Ts}

Description

A genus of Simkaniaceae bacteria. The type species was extracted through a metagenomic assembly pipeline from the syndinian parasite *Amoebophrya* sp. AT5.2. Genus status was established on the basis of sharing <65% Average Amino-acid Identity (AAI) with any other Simkaniaceae bacteria, as well as phylogenetic analysis of single copy core amino acids from 112 Chlamydiae bacteria. Analysis using the GTDB-tk pipeline assigned the type genome to an unnamed Simkaniaceae genus.

Classification

Bacteria » *Chlamydiota* » *Chlamydiia* » *Chlamydiales* » *Simkaniaceae* » *Amphritriteisimkania*

References

Effective publication: Davison, Hurst, 2023 [1]

Registry URL

<https://seqco.de/i:31322>

References

1. Davison, Hurst (2023). Hidden from plain sight: Novel Simkaniaceae and Rhabdochlamydiaceae diversity emerging from screening genomic and metagenomic data. *Systematic and Applied Microbiology*. [DOI:10.1016/j.syapm.2023.126468](https://doi.org/10.1016/j.syapm.2023.126468)