

Genus *Acherontichlamydia*

Etymology

[A.che.ron.ti.chla.my'di.a] L. **masc. n.** *Acheron*, the Greek mythological river that flows above and below ground through swamps and caverns; **N.L. fem. fem. n.** *Chlamydia*, the bacterial genus Chlamydia; **N.L. fem. n.** *Acherontichlamydia*, the Chlamydia from Acheron

Nomenclatural type

Species *Acherontichlamydia pituitae*^{Ts}

Description

A genus of Rhabdochlamydiaceae bacteria. The type species was identified though the NCBI nr database with bait sequences from other Rhabdochlamydiaceae. Genus status was established on the basis of sharing <65% Average Amino-acid Identity (AAI) with any other Rhabdochlamydiaceae 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 Rhabdochlamydiaceae genus.

Classification

Bacteria » *Chlamydiaota* » *Chlamydiai* » *Parachlamydiales* » “Rhabdochlamydiaceae” » *Acherontichlamydia*

References

Effective publication: Davison, Hurst, 2023 [1]

Registry URL

<https://seqco.de/i:31374>

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)