

Genus *Sacchariniichlamydia*

Etymology

[Sac.cha.ri.ni.i.chla.my'di.a] **N.L. fem. n.** *Saccharina*, the putative algal host of the bacterium, *Saccharina japonica*; **N.L. fem. n.** *Chlamydia*, the bacterial genus *Chlamydia*; **N.L. fem. n.** *Sacchariniichlamydia*, *Chlamydia* related bacteria from *Saccharina* algae

Nomenclatural type

Species *Sacchariniichlamydia saccharinae*^{Ts}

Description

A genus of Rhabdochlamydiaceae bacteria. The type species was extracted through a metagenomic assembly pipeline from the seaweed *Saccharina japonica*. 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 » *Chlamydiota* » *Chlamydiia* » *Parachlamydiales* » “Rhabdochlamydiaceae” » *Sacchariniichlamydia*

References

Proposed: Davison, Hurst, 2023

Registry URL

<https://seqco.de/i:31325>

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)