Genus *Saccharinichlamydia*

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.** *Saccharinichlamydia*, Chlamydia related bacteria from Saccharina algae

Nomenclatural type

Species *Saccharinichlamydia 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” » *Saccharinichlamydia*

References

Effective publication: Davison, Hurst, 2023 [1]

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