

Genus *Thalassospirochaeta*

Etymology

[Tha.las.so.spi.ro.chae'ta] Gr. n. *thalassa*, the sea; N.L. fem. n. *Spirochaeta*, bacterial genus name; N.L. fem. n. *Thalassospirochaeta*, Spirochaeta-related organism from the sea

Nomenclatural type

Species *Thalassospirochaeta sargassi*^{TS}

Description

This novel member shows the presence of flagellated genes and genes responsible for flagellar rotation. It is an obligate anaerobe due to the absence of catalase and oxidases.

Classification

Bacteria » *Spirochaetota* » *Spirochaetia* » *Spirochaetales* » *Spirochaetaceae* » *Thalassospirochaeta*

References

Effective publication: Pragma et al., 2024 [1]

Registry URL

<https://seqco.de/i:31280>

References

1. Pragma et al. (2024). Phylogenomic analysis of metagenome-assembled genomes indicates new taxa in the order Spirochaetales and proposal of *Thalassospirochaeta sargassi* gen. nov. sp. nov. from seaweeds. *Systematic and Applied Microbiology*. DOI:10.1016/j.syapm.2024.126502