

Thalassospirochaeta sargassi gen. nov. sp. nov.

Submitted by Chintalapati, Venkata Ramana

Table 1: Complete list of names proposed in the current register list.

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Genus <i>Thalassospirochaeta</i>	[Tha.las.so.spi.ro.chae'ta] Gr. n. <i>thalassa</i> , the sea; N.L. fem. n. <i>Spirochaeta</i> , bacterial genus name; N.L. fem. n. <i>Thalassospirochaeta</i> , Spirochaeta-related organism from the sea	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.	<i>Spirochaetaceae</i>	<i>Thalassospirochaeta sargassi</i> ^{Ts}	seqco.de/i:31280
Species <i>Thalassospirochaeta sargassi</i> ^{Ts}	[sar.gas'si] N.L. gen. n. <i>sargassi</i> , of Sargassum, referring to the genus name of the brown algae	GC content is 43.93. Flagellated and obligate anaerobes. MEP pathway for terpenoid biosynthesis. vanT AMR genes present.	<i>Thalassospirochaeta</i>	NCBI Assembly: GCA_028532855.1 ^{Ts}	seqco.de/i:31279