Species *Taenariivivens baikalensis*[Ts]

Etymology

[bai.ka.len'sis] **N.L. fem. adj.** *baikalensis*, of Baikal, referring to Lake Baikal, where this organism was identified

Nomenclatural type

NCBI Assembly: GCA_009691445.1 [Ts]

Description

This species is the type for the genus *Taenariivivens*. The %GC content for this genome is 46.97%. Estimated genome size for the species is 2.6 Mb. Genes associated with respiratory complex I, II and V are encoded by the genome of this species. All genes required for the production of the Type-4a pilus are present in the genome. The genome also encodes genes for the tight adherence complex, the "symbiotic" F-type ATPase, and a very large ORF. The genome representing this species was recovered from a water sample from Lake Baikal, Russia. The nomenclatural type for the species is the genome GCA_009691445.1.

Classification

Bacteria » *Omnitrophota* » *Omnitrophia* » *Omnitrophales* » *Taenariiviventaceae* » *Taenariivivens* » *Taenariivivens baikalensis*[Ts]

References

Effective publication: Seymour et al., 2023 [1]

Registry URL

https://seqco.de/i:23686

References

1. Seymour et al. (2023). Hyperactive nanobacteria with host-dependent traits pervade Omnitrophota. *Nature Microbiology*. DOI:10.1038/s41564-022-01319-1