

Species *Poseidonia alphae*^{Ts}

Etymology

[alphae] N.L. gen. n. *alphae*, alpha, the first letter of Greek alphabet; to honour the original description of this group as II- α

Nomenclatural type

[NCBI Assembly: GCA_002505405.1](#)^{Ts}

Description

Poseidonia named after Poseidon, the Greek god of the sea). Inferred to be of marine origin, a motile, aerobic, photoheterotroph, and able to ferment a wide range of carbohydrates with a focus on peptides. Highest abundances were recorded for surface waters (0-10m).

Classification

Archaea » "Poseidoniota" » *Poseidoniia* » *Poseidoniales* » *Poseidoniaceae* » *Poseidonia* » *Poseidonia alphae*^{Ts}

References

Effective publication: Rinke et al., 2019 [1]
Assigned taxonomically: Rinke et al., 2019 [1]

Registry URL

<https://seqco.de/i:41495>

References

1. Rinke et al. (2019). A phylogenomic and ecological analysis of the globally abundant Marine Group II archaea (Ca. Poseidoniales ord. nov.). *The ISME Journal*. DOI:[10.1038/s41396-018-0282-y](https://doi.org/10.1038/s41396-018-0282-y)