

## Species *Poseidonia alphae*<sup>Ts</sup>

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### Etymology

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

### Nomenclatural type

[NCBI Assembly: GCA\\_002505405.1](#)<sup>Ts</sup>

### 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*<sup>Ts</sup>

### 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