

## Species *Thalassovivens spotae*<sup>Ts</sup>

### Etymology

[spo'tae] **N.L. gen. n.** *spotae*, in reference to the San Pedro Ocean Time series (SPOT), from which the strain was isolated

### Nomenclatural type

[NCBI Assembly: GCA\\_034423775.1](#)<sup>Ts</sup>

### Reference Strain

[Strain sc|0040320](#): US3C007 = [ATCC TSD-433](#) = [NCMA B160](#) = [DSM 119208](#)

### Description

In addition to the characteristics of the genus, it has the following features. Cells are coccobacillus shaped, pleomorphic, with average dimensions of 0.23 µm radius, 1.65 µm length, and 0.44 µm<sup>3</sup> volume. Halophilic, growing in salinities of 15–49 ppt, but not at 10 ppt or below. Mesophilic, growing between 16–25°C, but not at temperatures of 12°C or below, or at 28.5°C or above. Has a maximum growth rate of 1.55 +/– 0.05 divisions day<sup>–1</sup> at 20°C and salinity of 30 ppt.

The type strain, US3C007T (= ATCC TSD-433T = NCMA B160T), was isolated from surface water (2 m) collected at the San Pedro Ocean Time series (33°33' N, 118°24' W). The genome sequence is circularized at 3622411 bp with 50.7% GC content. The genome is available on NCBI at BioProject number PRJNA1044073.

### Classification

*Bacteria* » *Pseudomonadota* » *Alphaproteobacteria* » *Rhodobacterales* » *Roseobacteraceae* » *Thalassovivens* » *Thalassovivens spotae*<sup>Ts</sup>

### References

Effective publication: Lanclos et al., 2025 [1]  
Assigned taxonomically: Lanclos et al., 2025 [1]

### Registry URL

<https://seqco.de/i:50984>

## References

1. Lanclos et al. (2025). New isolates refine the ecophysiology of the Roseobacter CHAB-I-5 lineage. *ISME Communications*. [DOI:10.1093/ismeco/ycaf068](https://doi.org/10.1093/ismeco/ycaf068)