

Rhodopirellula halodulae sp. nov.

Submitted by Chintalapati, Venkata Ramana

Species *Rhodopirellula halodulae*

Etymology

[ha.lo.du'lae] N.L. gen. n. *halodulae*, of Halodule, a seagrass genus from which the new strain was isolated

Nomenclatural type

[NCBI Assembly: GCF_020966775.1](#) ^{TS}

Description

Pink pigmented, oval to pear-shaped cells, form aggregates and divides by budding. Aerobic, marine, and mesophilic with optimum temperature for growth is 25 degrees Celsius, and grows in pH range of 6-10 (optimum pH 7.0). The type strain is JC737 isolated from the surface of a seagrass Halodule sp. from Tamil Nadu India. The genome of the type strain is deposited with accession number JAJKFV000000000 (GCA_020966775.1).

Classification

Bacteria » *Planctomycetota* » *Planctomycetia* » *Pirellulales* » *Pirellulaceae* » *Rhodopirellula* » *Rhodopirellula halodulae*

References

Effective publication: Sreya et al., 2024 [1]

Registry URL

<https://seqco.de/i:32108>

References

1. Sreya et al. (2024). Genomic and functional insights of a mucin foraging *Rhodopirellula halodulae* sp. nov. *Systematic and Applied Microbiology*. [DOI:10.1016/j.syapm.2024.126523](https://doi.org/10.1016/j.syapm.2024.126523)

Register List Certificate of Validation

On behalf of the *Committee on the Systematics of Prokaryotes Described from Sequence Data* (SeqCode Committee), we hereby certify that the Register List seqco.de/r:3hzkryc4 submitted by Chintalapati, Venkata Ramana and including 1 new name has been successfully validated.

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