

Species *Stjaerimonas arida*

Etymology

[a'ri.da] **L. fem. adj.** *arida*, Dry, referring to a species found in arid soil

Nomenclatural type

[NCBI Assembly: GCA_963807405.1](#) ^{Ts}

Description

Species established on the basis of ANI comparisons to GTDB R226 and 16S rRNA classifications to Silva 138.2. Formerly "uncultured sludge bacterium A34" in Silva 138.2. Based on metabolic reconstruction, *Stjaerimonas arida* is inferred to encode the rod shape-determining protein MreB and peptidoglycan biosynthesis genes.

Classification

Bacteria » *Acidobacteriota* » *Vicinamibacteria* » *Vicinamibacterales* » *Pjedstedimenaceae* » *Stjaerimonas* » *Stjaerimonas arida*

References

Effective publication: Sereika et al., 2025 [1]

Registry URL

<https://seqco.de/i:53448>

References

1. Sereika et al. (2025). Genome-resolved long-read sequencing expands known microbial diversity across terrestrial habitats. *Nature Microbiology*. DOI:10.1038/s41564-025-02062-z