

Species *Candidatus Hydrogenisulfobacillus filiaventi*

Etymology

[fi.li.a.ven'ti] L. n. fem. *filiae*, daughter; L. n. *ventum*, wind; N.L. n. fem. *filiaventi*, daughter of the wind

Nomenclatural type

[NCBI Assembly: GCA_902809825.1](#)^{TS}

Description

R50 is isolated from the geothermal soils of the island of Pantelleria. The name of the island originates from Arab name Bint al-Riyāh, which means “daughter of the winds.”

Classification

Bacteria » *Bacillota* » “Sulfobacillia” » “Sulfobacillales” » “f_R501” » *Candidatus Hydrogenisulfobacillus* » *Candidatus Hydrogenisulfobacillus filiaventi*

References

Effective publication: Hogendoorn et al., 2023 [1]

Registry URL

<https://seqco.de/i:24119>

References

1. Hogendoorn et al. (2023). “*Candidatus Hydrogenisulfobacillus filiaventi*” strain R50 gen. nov. sp. nov., a highly efficient producer of extracellular organic compounds from H₂ and CO₂. *Frontiers in Microbiology*. [DOI:10.3389/fmicb.2023.1151097](https://doi.org/10.3389/fmicb.2023.1151097)