

Genus *Candidatus Hydrogenisulfobacillus*

Etymology

[Hy.dro.ge.ni.sul.fo.ba.cil'lus] N.L. neut. n. *hydrogenum*, hydrogen; L. neut. n. *sulfur*, sulfur; L. masc. n. *bacillus*, a small staff or rod; N.L. masc. n. *Hydrogenisulfobacillus*, Hydrogen-using microbe that is rod-shaped and related to *Sulfobacillus* sp.

Nomenclatural type

Species *Candidatus Hydrogenisulfobacillus filiaventi*

Classification

Bacteria » *Bacillota* » "Sulfobacillia" » "Sulfobacillales" » "f_R501" » *Candidatus Hydrogenisulfobacillus*

References

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

Registry URL

<https://seqco.de/i:31347>

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)