

## Genus *Candidatus Hydrogenisulfobacillus*

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### 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

Proposed: Hogendoorn et al., 2023

### 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 H<sub>2</sub> and CO<sub>2</sub>. *Frontiers in Microbiology*. [DOI:10.3389/fmicb.2023.1151097](https://doi.org/10.3389/fmicb.2023.1151097)