

Species *Acidulidesulfobacterium acidiphilum*

Etymology

[a.ci.di.phi'lum] **L. masc. adj.** *acidus*, sour, acid; **Gr. masc. adj.** *philos*, loving; **N.L. neut. adj.** *acidiphilum*, acid-loving

Nomenclatural type

[NCBI Assembly: GCA_008534395.1](#) ^{Ts}

Description

Established on the basis of Average Nucleotide Identity (ANI, using OrthoANI), 16S rRNA identity, and maximum-likelihood phylogenetic reconstruction using the concatenated alignment of 16 ribosomal proteins. The type genome is AP4.

Classification

Bacteria » “*Acidulidesulfobacteriota*” » “*Acidulidesulfobacteriia*” » *Acidulidesulfobacteriales* » *Acidulidesulfobacteriaceae* » *Acidulidesulfobacterium* » *Acidulidesulfobacterium acidiphilum*

References

Effective publication: Tan et al., 2019 [1]

Corrigendum: Oren, Garrity, 2021 [2] (from “*Acidulodesulfobacterium acidiphilum*”)

Assigned taxonomically: Tan et al., 2019 [1]

Registry URL

<https://seqco.de/i:54849>

References

1. Tan et al. (2019). Insights into ecological role of a new deltaproteobacterial order *Candidatus Acidulodesulfobacterales* by metagenomics and metatranscriptomics. *The ISME Journal*. DOI:10.1038/s41396-019-0415-y
2. Oren, Garrity (2021). Candidatus List No. 2. Lists of names of prokaryotic Candidatus taxa. *International Journal of Systematic and Evolutionary Microbiology*. DOI:10.1099/ijsem.0.004671