

Family *Desulfocorpusculaceae*

Etymology

[De.sul.fo.cor.pus.cu.la'ce.ae] **N.L. neut. n.** *Desulfocorpusculum*, type genus of the family; -*aceae*, ending to denote a family; **N.L. fem. pl. n.** *Desulfocorpusculaceae*, the family of the genus *Desulfocorpusculum*

Nomenclatural type

Genus *Desulfocorpusculum*

Description

Desulfocorpusculaceae is a family of yet uncultured bacteria of the phylum *Desulfobacterota*. In addition to MAGs of the genus *Desulfocorpusculum*, this family also includes MAGs from hot springs of USA: Yellowstone (GCA_028275295.1), California (GCA_964514105.1); as well as from hot springs of Canada (GCA_964583655.1) and from Pacific Ocean hydrothermal fluid (GCA_002010915.1). This family is designated as f_JdFR-97 in GTDB R226.

Classification

Bacteria » *Desulfobacterota* » *Desulfocorpusculia* » *Desulfocorpusculales* » *Desulfocorpusculaceae*

References

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

Registry URL

<https://seqco.de/i:49947>

References

1. Slobodkina et al. (2025). Taxonomic and metabolic diversity of microbial communities in a thermal water stream in Uzbekistan and proposal of two new classes of uncultivated bacteria, *Desulfocorpusculia* class. nov. and *Tepidihabitantia* class. nov., named following the rules of SeqCode. *Systematic and Applied Microbiology*. [DOI:10.1016/j.syapm.2025.126650](https://doi.org/10.1016/j.syapm.2025.126650)