

Genus *Desulfocorpusculum*

Etymology

[De.sul.fo.cor.pus'cu.lum.] **N.L. pref.** *desulfo-*, desulfuricating; **L. neut. n.** *corpusculum*, a little body, a particle; **N.L. neut. n.** *Desulfocorpusculum*, a sulfate-reducing bacterium

Nomenclatural type

Species *Desulfocorpusculum asiaticum*^{Ts}

Description

Desulfocorpusculum is a genus of yet uncultured bacteria of the phylum *Desulfobacterota*. In addition to *Desulfocorpusculum asiaticum* U4-17, this genus also includes MAGs from hot springs of Costa Rica (GCA_037443445.1) and Canada (GCA_964414345.1). This genus is designated as g_JBBFLE01 in GTDB R226.

Classification

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

References

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

Registry URL

<https://seqco.de/i:49946>

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