

Species *Oxydemutator thiolithooxidans*^{Ts}

Etymology

[thi.o.li.tho.o.xi'dans] **Gr. neut. n.** *theion*, meaning sulfur; **Gr. masc. n.** *lithos*, meaning stone; **N.L. pres. part.** *oxidans*, meaning to oxidise; **N.L. part. adj.** *thiolithooxidans*, capable of oxidizing diverse inorganic sulfur compounds

Nomenclatural type

[NCBI Assembly: GCA_028817225.1](#)^{Ts}

Description

A sponge-associated bacterium predicted to be capable of oxidizing diverse inorganic sulfur compounds

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » “*Poriferisulfidales*” » *Oxydemutatoraceae* » *Oxydemutator* » *Oxydemutator thiolithooxidans*^{Ts}

References

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

Registry URL

<https://seqco.de/i:33262>

References

1. Nguyen et al. (2023). Functional characterization and taxonomic classification of novel gammaproteobacterial diversity in sponges. *Systematic and Applied Microbiology*. [DOI:10.1016/j.syapm.2023.126401](https://doi.org/10.1016/j.syapm.2023.126401)