

Genus *Oxydemutator*

Etymology

[O.xy.de.mu.ta'tor] **N.L. neut. n.** *oxygenium*, meaning oxygen; **L. masc. n.** *demutator*, meaning changer; **N.L. masc. n.** *Oxydemutator*, changer of oxygen

Nomenclatural type

Species *Oxydemutator thiolithooxidans*^{Ts}

Description

a sponge-associated bacterium that can alter its respiration under different oxic conditions

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » “*Poriferisulfidales*” » *Oxydemutatoraceae* » *Oxydemutator*

References

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

Registry URL

<https://seqco.de/i:33263>

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)