

Species *Aldehydirespirator catecholifindens*^{Ts}

Etymology

[ca.te.cho.li.fin'dens] N.L. neut. n. *catecholum*, catechol; L. v. *findo*, to split; N.L. masc. part. adj. *catecholifindens*, one with the ability to split catechols

Nomenclatural type

[NCBI Assembly: GCA_028283245.1](#)^{Ts}

Description

Sponge-derived acidimicrobiial species with the predicted capability to degrade catechol. Its electron transport chain may also rely on acetaldehyde reduction for menaquinol/menaquinone cycling

Classification

Bacteria » *Actinomycetota* » *Acidimicrobiia* » *Acidimicrobiales* » *Aldehydirespiratoraceae* » *Aldehydirespirator* » *Aldehydirespirator catecholifindens*^{Ts}

References

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

Registry URL

<https://seqco.de/i:24017>

References

1. Nguyen et al. (2023). Identification, classification, and functional characterization of novel sponge-associated acidimicrobiial species. *Systematic and Applied Microbiology*. [DOI:10.1016/j.syapm.2023.126426](https://doi.org/10.1016/j.syapm.2023.126426)