

Species *Sherwoodlollariibacterium unditelluris*^{Ts}

Etymology

[un.di.tel.lu'ris] L. fem. n. *unda*, water; L. gen. n. *telluris*, from the earth; N.L. gen. n. *unditelluris*, of the water from the earth

Nomenclatural type

[NCBI Assembly: GCA_002771995.1](#)^{Ts}

Description

This species is the nomenclatural type of the genus *Sherwoodlollariibacterium*. Estimated genome sizes for the species are 1.35-1.4 Mb, with %GC content of 41.02%. This species encodes several genes associated with acetogenesis, including an Rnf complex. A Group 4g [NiFe] hydrogenase is present in the genomes of this species, and all genes for the tight-adherence complex and for the production of a Type-4a pilus are present in the genome. The assemblies for this species is derived from metagenomes of groundwater from Crystal Geysir, near Green River, Utah. The nomenclatural type for the species is GCA_002771995.1.

Classification

Bacteria » *Omnitrophota* » “*Velamenicoccia*” » “*Gygaellales*” » “*Profunditerraquicolaceae*” »
Sherwoodlollariibacterium » *Sherwoodlollariibacterium unditelluris*^{Ts}

References

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

Registry URL

<https://seqco.de/i:23776>

References

1. Seymour et al. (2023). Hyperactive nanobacteria with host-dependent traits pervade Omnitrophota. *Nature Microbiology*. [DOI:10.1038/s41564-022-01319-1](https://doi.org/10.1038/s41564-022-01319-1)