

Species *Undivivens industriae*^{Ts}

Etymology

[in.dus'tri.a.e] L. gen. n. *industriae*, of industry

Nomenclatural type

[NCBI Assembly: GCA_012514745.1](#)^{Ts}

Description

This species is the type for the genus *Undivivens*. Estimated genome sizes range from 1.5-1.9 Mb with %GC content of 52.24-53.29%. Several genes for acetogenesis, along with an Rnf complex, and a respiratory F-type ATPase are present in the genomes of this species. A Group A3 [FeFe] hydrogenase is encoded by the species, and all genes associated with the production of a Type-4 pilus is present in the genome. Additionally, a "symbiotic" F-type ATPase is also encoded by genomes of this species. All assemblies were derived from samples of wastewater. The nomenclatural type for the species is the genome GCA_012514745.1.

Classification

Bacteria » *Omnitrophota* » "Velamenicoccia" » "Gygaellales" » "Profunditerraquicolaceae" » *Undivivens* » *Undivivens industriae*^{Ts}

References

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

Registry URL

<https://seqco.de/i:23778>

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)