

Species *Taenaricola geysiri*^{TS}

Etymology

[gey.si'ri] N.L. gen. n. *geysiri*, of or from a geyser, derived from the Icelandic Geysir

Nomenclatural type

[NCBI Assembly: GCA_002781985.1](#)^{TS}

Description

This species is the type for the genus *Taenaricola*. The genomes of this species is predicted to be 1.2 to 1.4 Mb, with % GC content of 42.51 to 42.8%. Genes related to acetogenesis and an Rnf complex are present. No components for respiratory complexes are present in the genomes. A conductive pilin and components involved in the production of a Type-4a pilus are encoded by the genomes. A membrane-bound Group 4g [NiFe] hydrogenase is encoded by the genomes belonging to this species. All genome assemblies available for this species originate from Crystal Geyser, near Green River, Utah, USA, where a temperature of 17.4 °C was recorded. The nomenclatural type for the species is the genome GCA_002781985.1.

Classification

Bacteria » *Omnitrophota* » “Gorgyraia” » *Taenaricolales* » *Taenaricolaceae* » *Taenaricola* » *Taenaricola geysiri*^{TS}

References

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

Registry URL

<https://seqco.de/i:23732>

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)