

Family *Fredricksoniimonadaceae*

Etymology

[Fred.rick.so.ni.i.mo.na.da'ce.ae] N.L. fem. n. *Fredricksoniimonas*, referring to the type genus *Fredricksoniimonas*; -*aceae*, ending to denote a family; N.L. fem. pl. n. *Fredricksoniimonadaceae*, the *Fredricksoniimonas* family

Nomenclatural type

Genus *Fredricksoniimonas*

Description

This family belongs to the order *Zapsychoales*, class *Velamnicoccia*, phylum *Omnitrophota*. Very large ORFs are pervasive within the family. Tight-adherence complexes are encoded by members of the order. Data regarding energy metabolism is uncertain. Assemblies assigned to the family have been derived from metagenomes from ground-, waste- and other freshwater, sediment, and soil. The nomenclatural type for the family is the genus *Fredricksoniimonas*.

Classification

Bacteria » *Omnitrophota* » “*Velamnicoccia*” » “*Zapsychoales*” » *Fredricksoniimonadaceae*

References

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

Registry URL

<https://seqco.de/i:23754>

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)