

## Genus *Fredricksoniimonas*

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### Etymology

[Fred.rick.so.ni.i.mo'nas] L. fem. n. *monas*, a monad; N.L. fem. n. *Fredricksoniimonas*, a monad named for James K. Fredrickson, for his contributions in the field of deep subsurface microbiology

### Nomenclatural type

Species *Fredricksoniimonas aquilentivivens*<sup>T5</sup>

### Description

This genus belongs to the family *Fredricksoniimonadaceae*, order *Zapsychoales*, class *Velamenicoccia*, phylum *Omnitrophota*. Members of this genus encode very large ORFs, and genes for the tight-adherence complex and respiratory pathways. All assemblies assigned to this genus originate from freshwater or sediment. The nomenclatural type for the genus is the species *Fredricksoniimonas aquilentivivens*.

### Classification

*Bacteria* » *Omnitrophota* » “*Velamenicoccia*” » “*Zapsychoales*” » *Fredricksoniimonadaceae* » *Fredricksoniimonas*

### References

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

### Registry URL

<https://seqco.de/i:23753>

## 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)