

Genus *Pegaeibacterium*

Etymology

[Pe.gae.i.bac.te'ri.um] N.L. fem. n. *Pegaeae*, Greek freshwater nymphs of springs; L. neut. n. *bacterium*, a bacterium; N.L. neut. n. *Pegaeibacterium*, a bacterium named for Greek freshwater nymphs of springs

Nomenclatural type

Species *Pegaeibacterium caenilacustre*^{Ts}

Description

This genus belongs to the family *Aquincolibacteriaceae*, in the order *Omnitrophales*, class *Omnitrophia*, phylum *Omnitrophota*. Assemblies belonging to this genus originated from lake water and sediment. Some genes associated with respiration are encoded by members of the genus. Very large ORFs are predicted to be encoded by members of this genus. The nomenclatural type for this genus is the species *Pegaeibacterium caenilacustre*.

Classification

Bacteria » *Omnitrophota* » *Omnitrophia* » *Omnitrophales* » *Aquincolibacteriaceae* » *Pegaeibacterium*

References

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

Registry URL

<https://seqco.de/i:23682>

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)