

## Family *Aquincolibacteriaceae*

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### Etymology

[A.quin.co.li.bac.te.ri.a'ce.ae] N.L. neut. n. *Aquincolibacterium*, referring to the type genus *Aquincolibacterium*; -*aceae*, ending to denote a family; N.L. fem. pl. n. *Aquincolibacteriaceae*, the *Aquincolibacterium* family

### Nomenclatural type

Genus *Aquincolibacterium*

### Description

This family belongs to the order *Omnitrophales*, in the class *Omnitrophia*, phylum *Omnitrophota*. The presence of ADP/ATP translocase is variable within the family, but very large ORFs are frequently encoded by members of the family. High rates of carbon assimilation was observed for members of the family on root exudates and leaf litter. The nomenclatural type for the family is the genus *Aquincolibacterium*.

### Classification

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

### References

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

### Registry URL

<https://seqco.de/i:23677>

## 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)