

## Species *Acidiparvus lacustris*<sup>Ts</sup>

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### Etymology

[la.cus'tris] **N.L. masc. adj.** *lacustris*, of a lake, resides in freshwater environments

### Nomenclatural type

[NCBI Assembly: GCA\\_963970155.1](#)<sup>Ts</sup>

### Description

This is a novel genus of a genome streamlined *Acidobacteriota*, under the family *Holophagaceae*. They are the only genus under the family *Holophagaceae* to have extremely small genome size and limited metabolic capacity. *Acidiparvus lacustris* are exclusively found in freshwater lakes. We assembled two complete genomes from *Acidiparvus lacustris*, in which we will choose one as the type genome.

### Classification

*Bacteria* » *Acidobacteriota* » *Holophagae* » *Holophagales* » *Holophagaceae* » *Acidiparvus* » *Acidiparvus lacustris*<sup>Ts</sup>

### References

Effective publication: Wong et al., 2024 [1]

### Registry URL

<https://seqco.de/i:33343>

## References

1. Wong et al. (2024). Ubiquitous genome streamlined *Acidobacteriota* in freshwater environments. *ISME Communications*. DOI:[10.1093/ismeco/ycae124](https://doi.org/10.1093/ismeco/ycae124)