

## Family *Burarchaeaceae*

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### Etymology

[Bur.ar.chae.a'ce.ae] **N.L. neut. n.** *Burarchaeum*, referring to the type genus *Burarchaeum*; -*aceae*, ending to denote a family; **N.L. fem. pl. n.** *Burarchaeaceae*, the *Burarchaeum* family

### Nomenclatural type

Genus *Burarchaeum*

### Description

The family *Burarchaeaceae* is circumscribed based on two independent concatenated protein phylogenies of 122 and 93 markers, and supported by the rank normalisation approach as per Parks et al. (2018). The description is the same as that of its sole genus and species. The type genus is *Burarchaeum*.

The family is equivalent to f\_\_B9-G16 in GTDB r202 (Parks et al., 2017).

### Classification

*Archaea* » *Microcaldota* » *Microcaldia* » *Burarchaeales* » *Burarchaeaceae*

### References

Effective publication: Vázquez-Campos et al., 2021 [1]

### Registry URL

<https://seqco.de/i:23463>

## References

1. Vázquez-Campos et al. (2021). Genomic Insights Into the Archaea Inhabiting an Australian Radioactive Legacy Site. *Frontiers in Microbiology*. [DOI:10.3389/fmicb.2021.732575](https://doi.org/10.3389/fmicb.2021.732575)