

## Genus *Regnicoccus*

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### Etymology

[Reg.ni.coc'cus] **L. neut. n.** *regnum*, rule, dominion or control, referring to an abundant organism; **N.L. masc. n.** *coccus*, a coccus; **N.L. masc. n.** *Regnicoccus*, referring to an abundant coccus

### Nomenclatural type

Species *Regnicoccus antarcticus*<sup>T5</sup>

### Description

**Ernster, Rodriguez-R, 2025**: The genus *Regnicoccus* was proposed by [Walter et al., 2017](#) on the basis of genomic analyses, and is part of "Cyanobiaceae" if considered a separate family ([Panwar et al., 2022](#)) or part of *Synechococcaceae* otherwise.

### Classification

*Bacteria* » *Cyanobacteriota* » *Cyanophyceae* » "Synechococcales" » *Synechococcaceae* » *Regnicoccus*

### References

Effective publication: Ernster, Rodriguez-R, 2025 [1]  
Original (not valid) publication: Walter et al., 2017 [2] and Coutinho et al., 2016 [3]  
Assigned taxonomically: Walter et al., 2017 [2]

### Registry URL

<https://seqco.de/i:23580>

## References

1. Ernster, Rodriguez-R (2025). A practical guide on environmental genomics for prokaryotic systematics. *Systematic and Applied Microbiology*. DOI:10.1016/j.syapm.2025.126643
2. Walter et al. (2017). Ecogenomics and Taxonomy of Cyanobacteria Phylum. *Frontiers in Microbiology*. DOI:10.3389/fmicb.2017.02132
3. Coutinho et al. (2016). Proposal of fifteen new species of *Parasynechococcus* based on genomic, physiological and ecological features. *Archives of Microbiology*. DOI:10.1007/s00203-016-1256-y