

Genus *Parasynechococcus*

Etymology

[Pa.ra.sy.ne.cho.coc'cus] Gr. prep. *para*, beside; N.L. masc. n. *Synechococcus*, the bacterial genus; N.L. masc. n. *Parasynechococcus*, a genus beside/resembling *Synechococcus*

Nomenclatural type

Species *Parasynechococcus marisnigr*^{†5}

Description

List of characteristics considered essential for membership in the taxon: Characteristic traits of *Parasynechococcus* are: 16S rRNA gene closely related to marine strains of *Synechococcus* and *Prochlorococcus*, α -Carboxysomes, absence of Fructose-1, 6-bisphosphatase and 6-phosphofructokinase and presence of DNA polymerase II.

Classification

Bacteria » *Cyanobacteriota* » *Cyanophyceae* » “*Synechococcales*” » *Synechococcaceae* » *Parasynechococcus*

References

Effective publication: Coutinho et al., 2016 [1]
Assigned taxonomically: Coutinho et al., 2016 [2]

Registry URL

<https://seqco.de/i:31975>

References

1. 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
2. Coutinho et al. (2016). Comparative genomics of *Synechococcus* and proposal of the new genus *Parasynechococcus*. *PeerJ*. DOI:10.7717/peerj.1522