

Order *Aeolococcales*

Etymology

[Ae.o.lo.coc'cales] N.L. masc. n. *Aeolococcus*, after the Greek god Aeolus, referring to extremely windy conditions of the Antarctic environment; *-ales*, ending denoting an order; N.L. fem. pl. n. *Aeolococcales*, the *Aeolococcus* order

Nomenclatural type

Genus *Aeolococcus*

Description

Based on phylogenomic analysis of 120 concatenated single copy proteins. MSA was generated with GTDB-Tk v1.3.0 and tree was reconstructed with RaxML v8.2.12.

Classification

Bacteria » *Dormibacterota* » “Dormibacteria” » *Aeolococcales*

References

Effective publication: Montgomery et al., 2021 [1]

Registry URL

<https://seqco.de/i:48789>

References

1. Montgomery et al. (2021). Persistence and resistance: survival mechanisms of *Candidatus* Dormibacterota from nutrient-poor Antarctic soils. *Environmental Microbiology*. DOI:10.1111/1462-2920.15610