

Phylum *Acidobacteriota*

Etymology

[A.ci.do.bac.te.ri.o'ta] N.L. neut. n. *Acidobacterium*, type genus of the phylum; *-ota*, ending to denote a phylum;
N.L. pl. neut. n. *Acidobacteriota*, the Acidobacterium phylum

Nomenclatural type

Genus *Acidobacterium*

Description

Thrash and Coates, 2010:The phylum currently contains two classes, three orders, three families, and six described genera. The phylum is identified on the basis of phylogenetic analysis of 16S rRNA gene sequences.

Oren and Garrity, 2021:The properties of the taxon are as described by Thrash and Coates, 2010. Correction of the effectively published homonym *Acidobacteria* Thrash and Coates 2010; it is a later synonym of *Acidobacteria* Cavalier-Smith 2002, which is on the list of rejected names. Type genus: *Acidobacterium* Kishimoto et al. 1991.

Classification

Bacteria » *Acidobacteriota*

References

Effective publication: Oren, Garrity, 2021 [1]
Original (not valid) publication: Thrash, Coates, 2010 [2]
Corrigendum: Oren, Garrity, 2021 [1] (from “Acidobacteria”)
Assigned taxonomically: Oren, Garrity, 2021 [1]

Registry URL

<https://seqco.de/i:806>

References

1. Oren, Garrity (2021). Valid publication of the names of forty-two phyla of prokaryotes. *International Journal of Systematic and Evolutionary Microbiology*. DOI:10.1099/ijsem.0.005056
2. Thrash, Coates (2010). Phylum XVII. Acidobacteria phyl. nov. *Bergey's Manual® of Systematic Bacteriology*. DOI:10.1007/978-0-387-68572-4_6