

Order *Candidatus Sifarchaeales*

Etymology

[Sif.ar.chae.a'les] N.L. neut. n. *Sifarchaeum*, Candidatus generic name; *-ales*, ending to designate an order; N.L. fem. pl. n. *Sifarchaeales*, the Sifarchaeum order

Nomenclatural type

Unknown

Description

Sun, et al (2021): The order is circumscribed based on concatenated protein phylogeny and rank normalisation approach as per Parks et al. Type genus is *Candidatus Sifarchaeum* (Sifarchaeotum (sic)). Inferred to be a hetero-organotroph lineage.

Note: "*Candidatus Borrarchaeales*" Liu et al (2021) [published April 28] should be considered a late heterotypic synonym of "*Candidatus Sifarchaeales*" Sun et al (2021) [published June 28], which in turn uses the priority principle to form the name on the basis of "*Candidatus Sifarchaeum*" corrig. Farag et al (2021) [published April 13].

Classification

Candidatus Sifarchaeota » *Candidatus Sifarchaeia* » *Candidatus Sifarchaeales*

References

Proposed: Sun et al., 2021

Registry URL

<https://seqco.de/i:634>