

Genus *Sysuimicrobium*

Etymology

[Sy.su.i.mi.cro.bi.um] N.L. neut. n. *microbium*, microbe; N.L. neut. n. *Sysuimicrobium*, arbitrary name from the acronym of Sun Yat-Sen University, SYSU where the identification of microbial metagenome was done

Nomenclatural type

Species *Sysuimicrobium calidum*^{Ts}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Sysuimicrobiaceae* family. The type species of the genus is *Sysuimicrobium thermophilum*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Sysuimicrobiaceae* » *Sysuimicrobium*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32784>

References

1. Liu et al. (2024). Insights into chemoautotrophic traits of a prevalent bacterial phylum CSP1-3, herein *Sysuimicrobiota*. *National Science Review*. [DOI:10.1093/nsr/nwae378](https://doi.org/10.1093/nsr/nwae378)