

Genus *Caldifonticola*

Etymology

[Cal.di.fon.ti'co.la] L. adj. *caldus*, hot; L. masc. n. *fons*, a spring; N.L. masc. suff. *cola*, an inhabitant; N.L. masc. n. *Caldifonticola*, inhabitant of a hot spring

Nomenclatural type

Species *Caldifonticola tengchongensis*^{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 *Caldifonticola tengchongensis*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Sysuimicrobiaceae* » *Caldifonticola*

References

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

Registry URL

<https://seqco.de/i:32788>

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)