

Genus *Izemoplasma*

Etymology

[I.ze.mo.plas'ma] **Gr. neut. n.** *izema*, a settling down, sediment; **Gr. neut. n.** *plasma*, anything formed or moulded, image, figure; **N.L. neut. n.** *Izemoplasma*, a form from sediment

Nomenclatural type

Species *Izemoplasma acidinucleici*^{TS}

Description

We have revised the previously suggested genus name *Ca. Izimaplasma* ([Skenneron et al., 2016](#)) to *Izemoplasma* of the family *Izemoplasmataceae* and order *Izemoplasmales*. Members of this genus degrade and metabolize nucleic acids.

Classification

Bacteria » *Bacillota* » *Bacilli* » *Izemoplasmales* » *Izemoplasmataceae* » *Izemoplasma*

References

Effective publication: Wasmund et al., 2021 [1]
Original (not valid) publication: Skenneron et al., 2016 [2]
Assigned taxonomically: Wasmund et al., 2021 [1]

Registry URL

<https://seqco.de/i:50971>

References

1. Wasmund et al. (2021). Genomic insights into diverse bacterial taxa that degrade extracellular DNA in marine sediments. *Nature Microbiology*. DOI:10.1038/s41564-021-00917-9
2. Skenneron et al. (2016). Phylogenomic analysis of *Candidatus* 'Izimaplasma' species: free-living representatives from a *Tenericutes* clade found in methane seeps. *The ISME Journal*. DOI:10.1038/ismej.2016.55