

Genus *Ruminimicrobiellum*

Etymology

[Ru.mi.ni.mi.cro'bi.ell.um] L. **neut. n.** *rumen*, the rumen; N.L. **dim. neut. n.** *microbiellum*, a small microbe; N.L. **neut. n.** *Ruminimicrobiellum*, a small microbe that occurs in the rumen

Nomenclatural type

Species *Ruminimicrobiellum bubulum*^{T5}

Description

A bacterial genus defined by metagenome-assembled genomes. The genus is defined by phylogenomic analysis as a monophyletic group that shows a relative evolutionary divergence (RED) similar to that of the neighboring genera.

Classification

Bacteria » *Elusimicrobiota* » *Endomicrobiia* » *Endomicrobiales* » *Endomicrobiaceae* » *Ruminimicrobiellum*

References

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

Registry URL

<https://seqco.de/i:24029>

References

1. Mies et al. (2024). Genome reduction and horizontal gene transfer in the evolution of Endomicrobia—rise and fall of an intracellular symbiosis with termite gut flagellates. *mBio*. DOI:10.1128/mbio.00826-24