

Genus *Proelusimicrobium*

Etymology

[Pro.e.lu.si.mi.cro'bi.um] **Gr. prep.** *pro*, before; **N.L. neut. n.** *Elusimicrobium*, a bacterial genus; **N.L. neut. n.** *Proelusimicrobium*, the ancestral Elusimicrobium

Nomenclatural type

Species *Proelusimicrobium excrementi*^{Ts}

Description

The genus comprises only metagenome-assembled genomes. Occur in the hindgut of chicken, various ruminants, humans, pigs and baboons. 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* » *Elusimicrobia* » *Elusimicrobiales* » *Elusimicrobiaceae* » *Proelusimicrobium*

References

Effective publication: Mies et al., 2025 [1]

Registry URL

<https://seqco.de/i:49126>

References

1. Mies et al. (2025). Comparative genomics of Elusimicrobiaceae (phylum Elusimicrobiota) and description of the isolates *Elusimicrobium simillimum* sp. nov., *Elusimicrobium posterum* sp. nov., and *Parelusimicrobium proximum* gen. nov. sp. nov. *Systematic and Applied Microbiology*. DOI:10.1016/j.syapm.2025.126606