

Genus *Fimbriicoccus*

Etymology

[Fim.bri.i.coc'cus] **L. fem. n.** *fimbria*, fibres, threads, fringe, and in biology, fimbriae; **N.L. masc. n.** *coccus*, coccus; **N.L. masc. n.** *Fimbriicoccus*, a coccus with fimbriae

Nomenclatural type

Species *Fimbriicoccus planktonicus*^{Ts}

Description

Genus of *Fimbriimonadaceae* that is commonly found in freshwater environments. Type species is *Fimbriicoccus planktonicus* MsE-15 (GCA_965234685.1). The closest cultivated relative is *Fimbriimonas ginsengisoli* Gsoil 348 (GCF_000724625.1), with an average amino acid identity of 55.26% and an average nucleotide identity of 66.05%. Current GTDB classification (R220): d__Bacteria; p__Armatimonadota; c__Fimbriimonadia; o__Fimbriimonadales; f__Fimbriimonadaceae; g__Fimbriimonas.

Classification

Bacteria » *Armatimonadota* » *Fimbriimonadia* » *Fimbriimonadales* » *Fimbriimonadaceae* » *Fimbriicoccus*

References

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

Registry URL

<https://seqco.de/i:49105>

References

1. Salcher et al. (2025). Bringing the uncultivated microbial majority of freshwater ecosystems into culture. *Nature Communications*. DOI:10.1038/s41467-025-63266-9