
Genus *Nitrosomicrobium*

Etymology

[Ni.tro.so.mi.cro'bi.um] **L. masc. adj.** *nitrosus*, full of natron, here intended to mean nitrous;
N.L. neut. n. *microbium*, a microbe; **N.L. neut. n.** *Nitrosomicrobium*, a nitrous microbe

Nomenclatural type

Species *Nitrosomicrobium frigidum*^{Ts}

Description

The taxon is equivalent to placeholder genus g__TA-21 under the GTDB R220.

Classification

Archaea » *Thermoproteota* » *Nitrososphaeria* » *Nitrososphaerales* » *Nitrososphaeraceae* »
Nitrosomicrobium

References

Effective publication: Tan et al., 2026 [1]

Registry URL

<https://seqco.de/i:51171>

References

1. Tan et al. (2026). Persistent petroleum pollution shifts soil microbial responses in Bunger Hills, East Antarctica. *Communications Earth & Environment* [DOI:10.1038/s43247-026-03299-0](https://doi.org/10.1038/s43247-026-03299-0)