Species *Aalborgicola lynettensis*

Etymology
[ly.net.ten'sis] **N.L. masc. adj.** *lynettensis*, of the city of Lynetten, from where the MAG was obtained

Nomenclatural type
NCBI Assembly: GCA_016719405.1 [Ts]

Description
Bacterium found in activated sludge.
Genome-wide gene annotation suggested the potential for full glycolysis, pentose phosphate pathway, citric acid cycle and glyoxylate pathway.
Can utilize branched chain amino acids (*livFGHKM*)
Potential to reduce nitrate with *narGHI*. Lastly it also had nitrous oxide reductase, *nosZ* predicted.

Classification
Bacteria » *Pseudomonadota* » *Betaproteobacteria* » *Burkholderiales* » *Burkholderiaceae* » *Aalborgicola* » *Aalborgicola lynettensis*

References
Effective publication: Petersen et al., 2025 [1]

Registry URL
https://seqco.de/i:44113

References

1. Petersen et al. (2025). Diversity and physiology of abundant Rhodoferax species in global wastewater treatment systems. *Systematic and Applied Microbiology*. DOI:10.1016/j.syapm.2024.126574