Species *Aalborgicola bjergmarkensis*

Etymology
[bjerg.mar.ken'sis] **N.L. masc. adj.** *bjergmarkensis*, of the city of Bjergmarken, from where the MAG was obtained

Nomenclatural type
NCBI Assembly: GCA_016708725.1 [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.
The *gtsABC+malK* transporters of of glucose uptake was also predicted.

Potential to reduce nitrate with narGHI. Lastly it also had nitrous oxide reductase, nosZ predicted.

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

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

Registry URL
https://seqco.de/i:44112

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