

Species *Pantoea alvi*

Etymology

[al'vi] L. gen. n. *alvi*, of the bowels, referring to the putative association of this species with the gastrointestinal tract of humans

Nomenclatural type

[NCBI Assembly: GCF_002920175.1](#)^{TS}

Description

This species comprises two genomes, PSNIH6 and UMGS54. The corresponding clade is a sister-clade of *P. septica*. PSNIH6, the strain whose genome serves as nomenclatural type, was isolated from hospital plumbing in the USA, while MAG UMGS54 was assembled from the metagenome of a human gut sample. The two genomes have a pairwise ANI of over 99.75%. Therefore, *P. alvi* sp. nov. may occupy a similar ecological niche to its sister species *P. septica*. The genome of PSNIH6^{TS} is the nomenclatural type for the species.

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Enterobacterales* » *Erwiniaceae* » *Pantoea* » *Pantoea alvi*

References

Effective publication: Crosby et al., 2023 [1]

Registry URL

<https://seqco.de/i:31369>

References

1. Crosby et al. (2023). Genomic delineation and description of species and within-species lineages in the genus *Pantoea*. *Frontiers in Microbiology*. [DOI:10.3389/fmicb.2023.1254999](https://doi.org/10.3389/fmicb.2023.1254999)