Species *Acinetobacter endophylla*

Etymology

[en.do.phy'lla] **N.L adj.** *endo*, Means “inside” or “internal,” indicating that these bacteria live within the plant tissues.; **N.L. adj.** *phylla*, Derived from “phyllon,” meaning “leaf.” In this context, it reflects the association with plant structures, specifically referring to bacteria that are part of the plant’s internal ecosystem.; **N.L. adj.** *endophylla*, Refers to endophytic plant association.

Nomenclatural type

Strain sc|0042377 T

Description

A. endophylla strain AGC35 was isolated in foliar area in P. harmala, the quality of the genome was confirmed with a percentage of 99.93% for completeness with 1.82% of contamination. Regarding taxonomic classification, MLST analysis related with Acinetobacter lwoffii (GCF_019343495.1) with 92% of probability. In terms of genome comparisons, nucleotide identity was in 95-96% threshold with 96% with DNA-DNA hybridization of 64.5% and no match in TYGS type strain.

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Moraxellales* » *Perlucidibacaceae* » *Acinetobacter* » *Acinetobacter endophylla*

Registry URL

https://seqco.de/i:48984