

Curtobacterium aetherium sp. nov.

Submitted by Kvitko, Brian

Species *Curtobacterium aetherium*

Etymology

[ae.the'ri.um] N.L. neut. adj. *aetherium*, of the upper atmosphere

Nomenclatural type

[NCBI Assembly: GCF_018885305.1](#) ^{Ts}

Reference Strain

[Strain scI0038825](#): L6-1 = [LMG 33684](#) = [ATCC TSD-458](#)

Description

High tolerance to UV exposure with pathogenicity on bean comparable with *Curtobacterium flaccumfaciens*.

Classification

Bacteria » *Actinomycetota* » *Actinomycetes* » *Micrococcales* » *Microbacteriaceae* » *Curtobacterium* »
Curtobacterium aetherium

References

Effective publication: Mijatović Scouten et al., 2025 [1]

Registry URL

<https://seqco.de/i:44078>

References

1. Mijatović Scouten et al. (2025). *Curtobacterium aetherium* sp. nov., a polyextremophilic plant pathogen isolated from the stratosphere. *Microbiology Spectrum*. [DOI:10.1128/spectrum.01774-24](https://doi.org/10.1128/spectrum.01774-24)

Register List Certificate of Validation

On behalf of the *Committee on the Systematics of Prokaryotes Described from Sequence Data* (SeqCode Committee), we hereby certify that the Register List [seqco.de/r:pgb9lkkc](#) submitted by Kvitko, Brian and including 1 new name has been successfully validated.

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