

Shinella sumterensis

Submitted by Van Lill, Melandre

Species *Shinella sumterensis*

Etymology

[sum.ter.en'sis] N.L. fem. adj. *sumterensis*, in recognition of Sumter National Forest, South Carolina, United States, the location from which the type strain was isolated

Nomenclatural type

[NCBI Assembly: GCF_004514425.2](#)^{Ts}

Reference Strain

[Strain scl0039550](#): MEC087 = [DSM 27294](#) = [ATCC TSD-106](#)

Description

Cells are Gram-negative staining cocci arranged in long chains, facultatively anaerobic, motile, catalase and oxidase positive. Colonies are small, pinkish-white, glistening, smooth, with entire margins after growth for 24 h on levoglucosan isolation medium at 37°C. Growth was observed on arabinose, cellobiosan, fructose, galactose, glucose, *myo*-inositol, lactose, levoglucosan, mannitol, mannose, sorbitol, sucrose, and xylose. The DNA G+C content is 63.4 mol%. The type strain (MEC087T = DSM 27294T = ATCC TSD-106) was isolated from silty topsoil heavy in organic matter from a campfire pit (Russell Homestead, SC; GPS location 34.91107, -83.17371). The accession number for the genome assembly is [MYFN000000000](#), and the 16S rRNA sequence is locus tag B5M41_026195.

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » *Hyphomicrobiales* » *Rhizobiaceae* » *Shinella* » *Shinella sumterensis*

References

Effective publication: Arya et al., 2022 [1]

Registry URL

<https://seqco.de/i:49625>

References

1. Arya et al. (2022). Isolation and Characterization of Levoglucosan-Metabolizing Bacteria. *Applied and Environmental Microbiology*. [DOI:10.1128/aem.01868-21](https://doi.org/10.1128/aem.01868-21)

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:aofjwvm1 submitted by **Van Lill, Melandre** and including 1 new name has been successfully validated.

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