

Resource Summary Report

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LPSN Database

RRID:SCR_018151

Type: Tool

Proper Citation

LPSN Database (RRID:SCR_018151)

Resource Information

URL: <http://Bacterio.net>

Proper Citation: LPSN Database (RRID:SCR_018151)

Description: Database lists names of prokaryotes that have been validly published in International Journal of Systematic and Evolutionary Microbiology directly or by inclusion in Validation List, under Rules of International Code of Nomenclature of Bacteria. Has classification of prokaryotes and information on prokaryotic nomenclature and culture collections.

Synonyms: List of Prokaryotic names with Standing in Nomenclature Database

Resource Type: service resource, data or information resource, database

Defining Citation: [DOI:10.1093/nar/gkt1111](https://doi.org/10.1093/nar/gkt1111)

Keywords: Collection, published Prokaryote name, International Journal of Systematic and Evolutionary Microbiology, prokaryotes classification, prokaryotes nomenclature, culture collection, data, FASEB list

Availability: Free, Freely available

Resource Name: LPSN Database

Resource ID: SCR_018151

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260804T043712+0000

Ratings and Alerts

No rating or validation information has been found for LPSN Database.

No alerts have been found for LPSN Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 111 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Ali MS, et al. (2025) 'Candidatus Pseudomonas auctus' sp. nov. JDE115 isolated from nodules on soybean (*Glycines max*). PloS one, 20(9), e0331920.

Yang C, et al. (2025) Genomic characteristics, virulence potential, antimicrobial resistance profiles, and phylogenetic insights into *Nocardia cyriacigeorgica*. Annals of clinical microbiology and antimicrobials, 24(1), 22.

Corrias MV, et al. (2025) In Infants with Neuroblastoma Standard Therapy Only Partially Reverts the Fecal Microbiome Dysbiosis Present at Diagnosis. Microorganisms, 13(3).

Wasmuth I, et al. (2025) Microbial dynamics and *Pseudomonas* natural product production in milk and dairy products. Natural product reports, 42(5), 842.

Anh TTV, et al. (2025) Draft genome sequence of *Marinimicrobium* sp. ARAG 43.8. Microbiology resource announcements, 14(9), e0047025.

Tapia-García EY, et al. (2025) A new nodule-associated bacterium, *Cupriavidus consociatus* sp. nov. Isolated from the root nodules of *Leucaena* sp. and *Arachis* sp. growing in a cacao field in Chiapas, Mexico. PloS one, 20(5), e0324390.

Eripogu KK, et al. (2025) *Nocardia* genomes are a large reservoir of diverse gene content, biosynthetic gene clusters, and species-specific genes. mBio, 16(6), e0094725.

Gurung S, et al. (2025) Comparative Genome Analysis of Three *Halobacillus* Strains Isolated From Saline Environments Reveal Potential Salt Tolerance and Algicidal Mechanisms. Environmental microbiology reports, 17(3), e70121.

Campodónico VL, et al. (2025) Evaluation of long-read 16S rRNA next-generation sequencing for identification of bacterial isolates in a clinical diagnostic laboratory. Journal of clinical microbiology, 63(5), e0167024.

Duman M, et al. (2025) A review of bacterial disease outbreaks in rainbow trout (*Oncorhynchus mykiss*) reported from 2010 to 2022. Journal of fish diseases, 48(9), e13886.

Su H, et al. (2025) SLE complicated with *Nocardia farcinica* bloodstream infection and disseminated nocardiosis: a case report. BMC infectious diseases, 25(1), 792.

Church D, et al. (2025) Population-based microbiological characterization of *Nocardia* strains causing invasive infections during a multiyear period in a large Canadian healthcare region. *Microbiology spectrum*, 13(8), e0091425.

Vazquez-Boland JA, et al. (2025) *Rhodococcus parequi* sp. nov., a new species isolated from equine farm soil closely related to the pathogen *Rhodococcus equi*. *International journal of systematic and evolutionary microbiology*, 75(3).

Proença M, et al. (2025) Prophage dynamics in gastric and enterohepatic environments: unraveling ecological barriers and adaptive transitions. *ISME communications*, 5(1), ycaf017.

Amande TJ, et al. (2025) Identification of OqxB Efflux Pump and Tigecycline Resistance Gene Cluster *tmexC3D2-toprJ3* in Multidrug-Resistant *Pseudomonas Stutzeri* Isolate G3. *Infection and drug resistance*, 18, 2889.

Huang D, et al. (2025) *Streptomyces huangiella* sp. nov., an endophytic actinomycete isolated from *Pheretima aspergillum*, a promising candidate for biological pathogen control. *Microbiology spectrum*, 13(10), e0071725.

Liu S, et al. (2025) Human placental mesenchymal stem cells ameliorates premature ovarian insufficiency via modulating gut microbiota and suppressing the inflammation in rats. *PloS one*, 20(3), e0313763.

Foglia F, et al. (2025) A Case of *Nocardia kroppenstedtii* Infection Successfully Treated With a Multidisciplinary Approach. *Case reports in infectious diseases*, 2025, 6452173.

Peng C, et al. (2024) *Oleispirillum naphthae* gen. nov., sp. nov., a bacterium isolated from oil sludge, and proposal of *Oleispirillaceae* fam. nov. *International journal of systematic and evolutionary microbiology*, 74(3).

Biškauskaitė R, et al. (2024) Crude proteolytic enzyme from *Bacillus halodurans* BCRC 910501 and its application in leather processing. *Heliyon*, 10(16), e35842.