

Resource Summary Report

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European ribosomal RNA database

RRID:SCR_012735

Type: Tool

Proper Citation

European ribosomal RNA database (RRID:SCR_012735)

Resource Information

URL: <http://bioinformatics.psb.ugent.be/webtools/rRNA/>

Proper Citation: European ribosomal RNA database (RRID:SCR_012735)

Description: Database compiles all complete or nearly complete SSU (small subunit) and LSU (large subunit) ribosomal RNA sequences. Sequences are provided in aligned format. Alignment takes into account secondary structure information derived by comparative sequence analysis of thousands of sequences. Additional information such as literature references, taxonomy, secondary structure modles and nucleotide variability maps, is also available.

Synonyms: European ribosomal RNA database, SILVA rRNA database, SILVA - high quality ribosomal RNA databases

Resource Type: data or information resource, database

Keywords: ribosomal RNA sequences, small subunit, large subunit, aligned format sequences, literature references, taxonomy, secondary structure modles, nucleotide variability maps,

Availability: Free, Freely available

Resource Name: European ribosomal RNA database

Resource ID: SCR_012735

Alternate IDs: nif-0000-02820

Old URLs: <http://www.psb.ugent.be/rRNA/>

Record Creation Time: 20220129T080312+0000

Record Last Update: 20260905T133202+0000

Ratings and Alerts

No rating or validation information has been found for European ribosomal RNA database.

No alerts have been found for European ribosomal RNA database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 654 mentions in open access literature.

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

Rancel-Rodríguez NM, et al. (2024) Unexpected Genetic Diversity of Nostocales (Cyanobacteria) Isolated from the Phyllosphere of the Laurel Forests in the Canary Islands (Spain). *Microorganisms*, 12(12).

Yang J, et al. (2023) Protective Effects of *Bacillus subtilis* HH2 against Oral Enterotoxigenic *Escherichia coli* in Beagles. *Veterinary sciences*, 10(7).

Yang Z, et al. (2023) Oral microbial communities in 5-year-old children with versus without dental caries. *BMC oral health*, 23(1), 400.

Pan X, et al. (2023) Eukaryotic Community Structure and Interspecific Interactions in a Stratified Acidic Pit Lake Water in Anhui Province. *Microorganisms*, 11(4).

Cui W, et al. (2023) Remediation Agents Drive Bacterial Community in a Cd-Contaminated Soil. *Toxics*, 11(1).

Tian N, et al. (2023) Relationship between gut microbiota and nutritional status in patients on peritoneal dialysis. *Scientific reports*, 13(1), 1572.

Liu C, et al. (2023) Composition of Particulate Matter and Bacterial Community in Gut Contents and Surrounding Sediments of Three Sipunculan Species (*Siphonosome australe*, *Phascolosoma arcuatum*, and *Sipunculus nudus*). *International journal of molecular sciences*, 24(6).

Cao J, et al. (2023) Amorphous solid dispersion preparation via coprecipitation improves the dissolution, oral bioavailability, and intestinal health enhancement properties of magnolol. *Poultry science*, 102(6), 102676.

Alsayed AR, et al. (2023) Molecular Accounting and Profiling of Human Respiratory Microbial Communities: Toward Precision Medicine by Targeting the Respiratory Microbiome for Disease Diagnosis and Treatment. *International journal of molecular sciences*, 24(4).

Zhao RZ, et al. (2023) Determinants and Assembly Mechanism of Bacterial Community Structure in Ningxia Section of the Yellow River. *Microorganisms*, 11(2).

Wei J, et al. (2023) Longitudinal Study of the Effects of *Flammulina velutipes* Stipe Wastes on the Cecal Microbiota of Laying Hens. *mSystems*, 8(1), e0083522.

Yang X, et al. (2023) Ecological change of the gut microbiota during pregnancy and progression to dyslipidemia. *NPJ biofilms and microbiomes*, 9(1), 14.

Shao C, et al. (2023) Microbiome Structure and Mucosal Morphology of Jejunum Appendix and Colon of Rats in Health and Dysbiosis. *Current microbiology*, 80(4), 127.

Liang J, et al. (2023) Effect of *Epichloë gansuensis* Endophyte on Seed-Borne Microbes and Seed Metabolites in *Achnatherum inebrians*. *Microbiology spectrum*, 11(2), e0135022.

Wen Z, et al. (2023) Mycorrhizae Enhance Soybean Plant Growth and Aluminum Stress Tolerance by Shaping the Microbiome Assembly in an Acidic Soil. *Microbiology spectrum*, 11(2), e0331022.

Liu Q, et al. (2023) Diversity of Endophytic Microbes in *Taxus yunnanensis* and Their Potential for Plant Growth Promotion and Taxane Accumulation. *Microorganisms*, 11(7).

Li R, et al. (2023) Diversity and correlation analysis of endophytes and metabolites of *Panax quinquefolius* L. in various tissues. *BMC plant biology*, 23(1), 275.

Zhong S, et al. (2023) May microbial ecological baseline exist in continental groundwater? *Microbiome*, 11(1), 152.

Li Y, et al. (2023) Selenium Mitigates Ammonia-Induced Neurotoxicity by Suppressing Apoptosis, Immune Imbalance, and Gut Microbiota-Driven Metabolic Disturbance in Fattening Pigs. *Biological trace element research*, 201(7), 3341.

Wei J, et al. (2023) Amino Acids Drive the Deterministic Assembly Process of Fungal Community and Affect the Flavor Metabolites in Baijiu Fermentation. *Microbiology spectrum*, 11(2), e0264022.