## **Resource Summary Report**

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# DADA2

RRID:SCR\_023519 Type: Tool

**Proper Citation** 

DADA2 (RRID:SCR\_023519)

#### **Resource Information**

URL: https://benjjneb.github.io/dada2/

Proper Citation: DADA2 (RRID:SCR\_023519)

**Description:** Open source software R package for modeling and correcting Illumina sequenced amplicon errors. Fast and accurate sample inference from amplicon data with single nucleotide resolution.

Resource Type: software resource, software toolkit

Defining Citation: PMID:27214047

**Keywords:** modeling and correcting amplicon errors, Illumina sequenced amplicon errors, amplicon errors, sample inference, amplicon data, single nucleotide resolution

**Funding:** NSF ; NIAID R01AI112401; Samarth Foundation

Availability: Free, Available for download, Freely available

Resource Name: DADA2

Resource ID: SCR\_023519

Alternate URLs: https://bioconductor.org/packages/dada2/

License: LGPL v2

Record Creation Time: 20230502T050211+0000

Record Last Update: 20250519T205032+0000

### **Ratings and Alerts**

No rating or validation information has been found for DADA2.

No alerts have been found for DADA2.

#### Data and Source Information

Source: SciCrunch Registry

#### **Usage and Citation Metrics**

We found 735 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Schagerl M, et al. (2025) Testing the Purity of Limnospira fusiformis Cultures After Axenicity Treatments. Cells, 14(2).

Hendrycks W, et al. (2025) Deterministic and stochastic effects drive the gut microbial diversity in cucurbit-feeding fruit flies (Diptera, Tephritidae). PloS one, 20(1), e0313447.

Nomosatryo S, et al. (2025) The role of anthropogenic influences on a tropical lake ecosystem and its surrounding catchment: a case study of Lake Sentani. FEMS microbiology ecology, 101(1).

Sun S, et al. (2025) Effects of Enterococcus faecalis Supplementation on Growth Performance, Hepatic Lipid Metabolism, and mRNA Expression of Lipid Metabolism Genes and Intestinal Flora in Geese. Animals : an open access journal from MDPI, 15(2).

Luque G, et al. (2025) Impact of Ex Vivo Bisphenol A Exposure on Gut Microbiota Dysbiosis and Its Association with Childhood Obesity. Journal of xenobiotics, 15(1).

Shang J, et al. (2025) Baseline colitogenicity and acute perturbations of gut microbiota in immunotherapy-related colitis. The Journal of experimental medicine, 222(1).

Camilla P, et al. (2025) Shewanella oneidensis and Methanosarcina barkerii augmentation and conductive material effects on long-term anaerobic digestion performance. Biotechnology for biofuels and bioproducts, 18(1), 10.

Srila W, et al. (2025) Relationship Between the Salivary Microbiome and Oral Malodor Metabolites in Older Thai Individuals with Periodontitis and the Cytotoxic Effects of Malodor Compounds on Human Oral Squamous Carcinoma (HSC-4) Cells. Dentistry journal, 13(1).

Contreras-Negrete G, et al. (2025) Agricultural Practices and Environmental Factors Drive Microbial Communities in the Mezcal-Producing Agave angustifolia Haw. Microbial ecology, 87(1), 181.

Keleher JG, et al. (2025) Freshwater sponges in the southeastern U.S. harbor unique microbiomes that are influenced by host and environmental factors. PeerJ, 13, e18807.

García-Bodelón Á, et al. (2025) Predators in the Dark: Metabarcoding Reveals Arcellinida Communities Associated with Bat Guano, Endemic to Dinaric Karst in Croatia. Microbial ecology, 87(1), 166.

de Freitas AS, et al. (2025) Harnessing the synergy of Urochloa brizantha and Amazonian Dark Earth microbiomes for enhanced pasture recovery. BMC microbiology, 25(1), 27.

Noell SE, et al. (2025) Antarctic Geothermal Soils Exhibit an Absence of Regional Habitat Generalist Microorganisms. Environmental microbiology, 27(1), e70032.

Noble AS, et al. (2025) Host selection is not a universal driver of phyllosphere community assembly among ecologically similar native New Zealand plant species. Microbiome, 13(1), 35.

Cheong S, et al. (2025) Exploring the impact of grazing on fecal and soil microbiome dynamics in small ruminants in organic crop-livestock integration systems. PloS one, 20(1), e0316616.

Li D, et al. (2025) Seed microbiomes promote Astragalus mongholicus seed germination through pathogen suppression and cellulose degradation. Microbiome, 13(1), 23.

Arikan M, et al. (2024) gNOMO2: a comprehensive and modular pipeline for integrated multiomics analyses of microbiomes. GigaScience, 13.

Laeverenz-Schlogelhofer H, et al. (2024) Bioelectric control of locomotor gaits in the walking ciliate Euplotes. Current biology : CB, 34(4), 697.

Song P, et al. (2024) Gut microbiota non-convergence and adaptations in sympatric Tibetan and Przewalski's gazelles. iScience, 27(3), 109117.

Reeves KD, et al. (2024) Mapping the geographical distribution of the mucosa-associated gut microbiome in GI-symptomatic children with autism spectrum disorder. American journal of physiology. Gastrointestinal and liver physiology, 327(2), G217.