

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 toolkit, software resource

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: 20260803T040838+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 1134 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Liu YY, et al. (2026) Assessing whether rectal swabs reflect appendiceal microbiota profiles in acute appendicitis: a 16S rRNA-based comparative study. Gut pathogens, 18(1), 10.

Hutchison B, et al. (2026) Dysbiosis in the Gut-Liver Axis Is Associated With Low Bone Mass During Murine Cholestasis. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(6), e71667.

Yin S, et al. (2026) Association of Intratumoral Microbiota with Prognosis in Head and Neck Squamous Cell Carcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(9), 1799.

Apgar M, et al. (2026) Dietary fiber reduces mortality from secondary sepsis in a murine model of Clostridioides difficile infection. iScience, 29(4), 115258.

Hussain U, et al. (2026) Microbial communities in semi-mature oak trees are resilient to drought, nutrient limitation, and pathogen challenge. Cell host & microbe, 34(2), 344.

Rizk NM, et al. (2026) Microbial community assembly and pathogen signatures in groundwater and tap water systems in greater Cairo, Egypt. The Journal of the Egyptian Public Health Association, 101(1).

D'Andrea G, et al. (2026) Hydroxytyrosol Mitigates Anxiety-Like Behaviors After a Traumatic Experience in Aged Mice in Parallel With Increased Neurogenesis in the Ventral and Dorsal Dentate Gyrus, and Preservation of Gut Microbiota Composition. Journal of neurochemistry, 170(5), e70448.

Kraus O, et al. (2026) Adenotonsillar Microbiome Shifts in Children With Obstructive Sleep Apnea Syndrome. The Laryngoscope, 136(3), 1525.

Hou MF, et al. (2026) Longitudinal multiomics analysis of endocrine therapy effects and gut microbiota in breast cancer recurrence. Communications medicine, 6(1), 117.

Gobler CJ, et al. (2026) Nitrogen Fixation Associated with Microcystis Colonies Promotes Harmful Cyanobacterial Blooms across North American Lakes. Environmental science & technology, 60(4), 3046.

Khodadad CLM, et al. (2026) Evaluating microbial community profiles of Chile peppers grown on the International Space Station provides implications for fruiting crops. *Scientific reports*, 16(1).

Hong S, et al. (2026) Clinical efficacy and multi-omics analysis of Si-Ni-San for depression treatment in breast cancer patients: a randomized, double-blind, placebo-controlled, crossover trial. *Chinese medicine*, 21(1), 9.

Thassakorn P, et al. (2026) Characterization and comparative analysis of urinary bacterial microbiome profiling in healthy cats and cats with feline idiopathic cystitis. *Scientific reports*, 16(1), 4138.

Cruz MC, et al. (2026) *Acinetobacter* spp. with lower susceptibility to quaternary ammonium compounds enriched in microbial communities of frequently used sinks. *Applied and environmental microbiology*, 92(4), e0196825.

Yang Y, et al. (2026) Acetoin and 2,3-Butanediol Differentially Restructure Fungal and Bacterial Communities and Their Links to Host Transcription in the Rhizosphere of a Medicinal Plant. *Biology*, 15(5).

Wulczynski M, et al. (2026) Small intestinal microbial fiber metabolism dysfunction in celiac disease. *Nature communications*, 17(1).

Amaya-Mejia WS, et al. (2026) Microbial community composition variation in relation to malaria infections in *Junco hyemalis*. *PloS one*, 21(2), e0340635.

Bigagli E, et al. (2026) Marine Microalga *Tisochrysis lutea* F&M-M36 Modulates Gut Microbiota and Intestinal Cholesterol Transport Gene Expression in Association with Selected Early-Stage Metabolic Alterations Under High-Fat Feeding. *Marine drugs*, 24(2).

Vaughn SN, et al. (2026) Bacterial Communities in Sand and Seawater of Northern Gulf Coast Beaches: Temporal, Spatial, and Environmental Influences. *Environmental microbiology reports*, 18(2), e70309.

Cazzaniga M, et al. (2026) Impact of the defined Oligo-MM12 microbiota on intestinal colonisation and dissemination of *Listeria monocytogenes*. *Scientific reports*, 16(1).