

# Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

## vegan

RRID:SCR\_011950

Type: Tool

### Proper Citation

vegan (RRID:SCR\_011950)

### Resource Information

**URL:** <http://cran.r-project.org/web/packages/vegan/index.html>

**Proper Citation:** vegan (RRID:SCR\_011950)

**Description:** Ordination methods, diversity analysis and other functions for community and vegetation ecologists.

**Abbreviations:** vegan

**Synonyms:** vegan: Community Ecology Package

**Resource Type:** software resource

**Resource Name:** vegan

**Resource ID:** SCR\_011950

**Alternate IDs:** OMICS\_01523

**Alternate URLs:** <https://sources.debian.org/src/r-cran-vegan/>

**Record Creation Time:** 20220129T080307+0000

**Record Last Update:** 20260725T190725+0000

### Ratings and Alerts

No rating or validation information has been found for vegan.

No alerts have been found for vegan.

### Data and Source Information

## Usage and Citation Metrics

We found 6528 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Petrov VA, et al. (2026) Resistant starch improves Parkinson's disease symptoms through restructuring of the gut microbiome and modulating inflammation. *Brain, behavior, and immunity*, 132, 106217.

Parween S, et al. (2026) Host genome and bacterial taxa shape the Arabidopsis seed microbiome. *EMBO reports*, 27(1), 122.

Taheri S, et al. (2026) The role of flour type and feeding schedule on the sourdough microbiome. *Microbiology spectrum*, 14(1), e0238025.

Helm ET, et al. (2026) *Lawsonia intracellularis* infection induces changes in microbial community function and composition associated with reduced pig growth and feed efficiency. *Animal microbiome*, 8(1), 1.

Dowrick JM, et al. (2026) Integrated multi-omic and symptom clustering reveals lower-gastrointestinal disorders of gut-brain interaction heterogeneity. *Gut microbes*, 18(1), 2604871.

Steinsdóttir HGR, et al. (2026) Microbial dynamics in coral reef waters: Diel cycles in contrasting seasons. *Science advances*, 12(1), eady9534.

Levine J, et al. (2026) Microbial signature of pediatric Crohn's disease: Differentiation from functional gastrointestinal disorders and relationship with increased disease activity. *Physiological reports*, 14(1), e70665.

Pieters J, et al. (2026) Hidden Partners in Diversity: Acidobacteriota and Their Distribution in the Cape Floristic Region. *MicrobiologyOpen*, 15(1), e70192.

Zhang L, et al. (2026) Gut microbiome-mediated transformation of dietary phytonutrients is associated with health outcomes. *Nature microbiology*, 11(1), 94.

Ricks KD, et al. (2026) Signatures of local nitrogen adaptation in the *Brachypodium distachyon* root microbiome. *The New phytologist*, 249(1), 433.

Wang B, et al. (2026) The expansion of culturable opportunistic pathogens and antibiotic resistance in mouse gut following antibiotic exposure. *Microbiology spectrum*, 14(1), e0110425.

Bates LM, et al. (2026) Investigating interactions between macroinvertebrate indices, water quality parameters, and stream quality classifications in a Wisconsin agricultural watershed. *Journal of environmental quality*, 55(1), e70122.

Li Y, et al. (2026) A machine-learning informed circulating microbial DNA signature for early diagnosis of esophageal adenocarcinoma. *Gut microbes*, 18(1), 2604334.

Maruyama D, et al. (2026) Gut microbiome-derived propionate reprograms alveolar macrophages metabolically and regulates lung injury responses in mice. *Gut microbes*, 18(1), 2606486.

Peng Z, et al. (2026) Association between weaning stress and rumen microbiota in goat kids: evidence from granger causality and randomized controlled trial validation. *Animal bioscience*, 39(1), 250092.

Song W, et al. (2026) Distinct patterns of microbial association across deep-sea corals from the Western Pacific Magellan Seamounts. *Microbiology spectrum*, 14(1), e0209325.

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.

Abdill RJ, et al. (2025) Integration of 168,000 samples reveals global patterns of the human gut microbiome. *Cell*, 188(4), 1100.

Wyatt NJ, et al. (2025) Evaluation of intestinal biopsy tissue preservation methods to facilitate large-scale mucosal microbiota research. *EBioMedicine*, 112, 105550.

Villette R, et al. (2025) Integrated multi-omics highlights alterations of gut microbiome functions in prodromal and idiopathic Parkinson's disease. *Microbiome*, 13(1), 200.