Resource Summary Report

Generated by T1D on Aug 22, 2026

ggpicrust2

RRID:SCR_025965
Type: Tool

Proper Citation

ggpicrust2 (RRID:SCR_025965)

Resource Information

URL: https://github.com/cafferychen777/ggpicrust2

Proper Citation: ggpicrust2 (RRID:SCR_025965)

Description: Software R package for analyzing and interpreting results of PICRUSt2 functional prediction. Offers range of features, including pathway name/description annotations, advanced differential abundance methods, and visualization of differential abundance results. Used for PICRUSt2 predicted functional profile analysis and visualization.

Resource Type: software resource, software toolkit, source code

Defining Citation: PMID:37527009

Keywords: PICRUSt2 predicted functional profile analysis and visualization, analyzing and interpreting results of PICRUSt2, PICRUSt2 functional prediction, differential abundance visualization,

Funding: NIA 5P30AG072959;
NIDDK 3R01DK042191

Availability: Free, Available for download, Freely available

Resource Name: ggpicrust2

Resource ID: SCR_025965

License: MIT license

Record Creation Time: 20241023T053303+0000

Record Last Update: 20260821T194334+0000

Ratings and Alerts

No rating or validation information has been found for ggpicrust2.

No alerts have been found for ggpicrust2.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Klümpen L, et al. (2026) Cholesterol-lowering effects of oats induced by microbially produced phenolic metabolites in metabolic syndrome: a randomized controlled trial. Nature communications, 17(1), 598.

Li W, et al. (2026) Tissue-specific assembly of endophytic microbiota in Agriophyllum squarrosum (L.) Moq. BMC microbiology, 26(1).

Castro-Severyn J, et al. (2026) Distinct taxonomic signatures in the rhizobiome of two native plants from the polyextreme Salar de Huasco ecosystem. Environmental microbiome, 21(1).

Hechter DTD, et al. (2026) Short-term caloric restriction partially reprograms immune and microbial networks during acute DSS-induced colitis. Genes & nutrition, 21(1).

Ndhlovu A, et al. (2026) Spatial Patterns and Overlap of Sedimentary and Rhizosphere Microbiomes of the Seagrass Zostera capensis. Environmental microbiology reports, 18(2), e70313.

De Palma G, et al. (2026) The role of gut microbiota in chronic intestinal pseudo-obstruction: exploring fecal microbiota transplantation as a treatment option. Gut microbes, 18(1), 2610597.

Tseng Y, et al. (2026) Intermittent fasting alleviates ulcerative colitis via lithocholic acid-mediated macrophage reprogramming. Frontiers in nutrition, 13, 1841890.

Yang J, et al. (2026) Age and sex-dependent tumor microbiome programs shape pancreatic cancer prognosis. iScience, 29(7), 116542.

von Ameln Lovison O, et al. (2025) Unveiling the role of the upper respiratory tract microbiome in susceptibility and severity to COVID-19. Frontiers in cellular and infection microbiology, 15, 1531084.

M'Bra PEH, et al. (2025) Medium-chain triglycerides and ketogenic diet prevent alterations of the gut microbiome in transgenic Alzheimer's disease mice. Communications biology, 8(1), 1814.

Skupa SA, et al. (2025) Gut Microbiome Profiling in E?-TCL1 Mice Reveals Intestinal Changes and a Dysbiotic Signature Specific to Chronic Lymphocytic Leukemia. Cancer research communications, 5(8), 1344.

Zhao H, et al. (2025) Spatial heterogeneity determines the gastrointestinal microbiome signatures in Pekin ducks. Poultry science, 104(12), 105994.

Sugai K, et al. (2025) A Pilot Study on the Effects of Sweet Potato Petiole and Leaf Powder on Gut Microbiota and Aging-Related Biomarkers in an Aged Microminipig Model. Metabolites, 15(11).

Breyer GM, et al. (2025) Enterotoxigenic Escherichia coli as a Modulator of the Entero-Pulmonary Axis in Piglets: Impacts on the Microbiota and Immune Responses. Transboundary and emerging diseases, 2025, 8865503.

Núñez-Muñoz LA, et al. (2024) Metagenomic Analysis of Rhizospheric Bacterial Community of Citrus Trees Expressing Phloem-Directed Antimicrobials. Microbial ecology, 87(1), 93.

Hernandez AR, et al. (2024) Microbiome-driven alterations in metabolic pathways and impaired cognition in aged female TgF344-AD rats. Aging brain, 5, 100119.

Nishiyama M, et al. (2024) Association between gut microbiota and locomotive syndrome risk in healthy Japanese adults: a cross-sectional study. npj aging, 10(1), 55.