

Resource Summary Report

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[ggpicrust2](#)

RRID:SCR_025965

Type: Tool

Proper Citation

ggpicrust2 (RRID:SCR_025965)

Resource Information

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

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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: source code, software toolkit, software resource

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: 20260729T044630+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 9 mentions in open access literature.

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

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

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.

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.

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.

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).

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.