Resource Summary Report

Generated by RRID on May 5, 2025

Nonpareil

RRID:SCR_004629

Type: Tool

Proper Citation

Nonpareil (RRID:SCR_004629)

Resource Information

URL: https://github.com/lmrodriguezr/nonpareil

Proper Citation: Nonpareil (RRID:SCR_004629)

Description: Estimate average coverage and create Nonpareil curves for metagenomic

datasets.

Abbreviations: Nonpareil

Resource Type: software resource

Defining Citation: PMID:24123672

Funding:

Resource Name: Nonpareil

Resource ID: SCR_004629

Alternate IDs: OMICS_01419

Record Creation Time: 20220129T080225+0000

Record Last Update: 20250420T014229+0000

Ratings and Alerts

No rating or validation information has been found for Nonpareil.

No alerts have been found for Nonpareil.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 68 mentions in open access literature.

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

Van Goethem MW, et al. (2025) Novel adaptive immune systems in pristine Antarctic soils. Scientific reports, 15(1), 2368.

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

Midot F, et al. (2025) Temporal dynamics of soil microbial C and N cycles with GHG fluxes in the transition from tropical peatland forest to oil palm plantation. Applied and environmental microbiology, 91(1), e0198624.

Lee J, et al. (2025) Longitudinal monitoring of sewershed resistomes in socioeconomically diverse urban neighborhoods. Communications medicine, 5(1), 7.

Unzueta-Martínez A, et al. (2025) Taxonomic diversity and functional potential of microbial communities in oyster calcifying fluid. Applied and environmental microbiology, 91(1), e0109424.

Colman DR, et al. (2024) Covariation of hot spring geochemistry with microbial genomic diversity, function, and evolution. Nature communications, 15(1), 7506.

Ridley RS, et al. (2024) Potential routes of plastics biotransformation involving novel plastizymes revealed by global multi-omic analysis of plastic associated microbes. Scientific reports, 14(1), 8798.

Roothans N, et al. (2024) Aerobic denitrification as an N2O source from microbial communities. The ISME journal, 18(1).

Dede B, et al. (2024) Bacterial chemolithoautotrophy in ultramafic plumes along the Mid-Atlantic Ridge. The ISME journal, 18(1).

Freeman CN, et al. (2024) Temporal metagenomic characterization of microbial community structure and nitrogen modification genes within an activated sludge bioreactor system. Microbiology spectrum, 12(1), e0283223.

Zhao XD, et al. (2024) Various microbial taxa couple arsenic transformation to nitrogen and carbon cycling in paddy soils. Microbiome, 12(1), 238.

Behr JH, et al. (2024) Long-term conservation tillage with reduced nitrogen fertilization

intensity can improve winter wheat health via positive plant-microorganism feedback in the rhizosphere. FEMS microbiology ecology, 100(2).

Yu J, et al. (2024) Niche differentiation in microbial communities with stable genomic traits over time in engineered systems. The ISME journal, 18(1).

He G, et al. (2024) Sustained bacterial N2O reduction at acidic pH. Nature communications, 15(1), 4092.

Medeiros W, et al. (2024) Unlocking the biosynthetic potential and taxonomy of the Antarctic microbiome along temporal and spatial gradients. Microbiology spectrum, 12(6), e0024424.

Li Y, et al. (2024) Genomic insights into redox-driven microbial processes for carbon decomposition in thawing Arctic soils and permafrost. mSphere, 9(7), e0025924.

Bezuidt OKI, et al. (2024) Phylogenomic analysis expands the known repertoire of single-stranded DNA viruses in benthic zones of the South Indian Ocean. ISME communications, 4(1), ycae065.

Peng X, et al. (2024) Metabolic interdependencies in thermophilic communities are revealed using co-occurrence and complementarity networks. Nature communications, 15(1), 8166.

Rubio-Portillo E, et al. (2024) Coral mucus as a reservoir of bacteriophages targeting Vibrio pathogens. The ISME journal, 18(1).

Filippidou S, et al. (2024) Diversity of Microbial Mats in the Makgadikgadi Salt Pans, Botswana. Microorganisms, 12(1).