

Resource Summary Report

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Explicitet

RRID:SCR_011937

Type: Tool

Proper Citation

Explicitet (RRID:SCR_011937)

Resource Information

URL: <http://www.explicitet.org/>

Proper Citation: Explicitet (RRID:SCR_011937)

Description: Graphical user interface software for metadata-driven management, analysis, and visualization of microbiome data.

Abbreviations: Explicitet

Resource Type: software resource

Resource Name: Explicitet

Resource ID: SCR_011937

Alternate IDs: OMICS_01497

Record Creation Time: 20220129T080307+0000

Record Last Update: 20260815T182427+0000

Ratings and Alerts

No rating or validation information has been found for Explicitet.

No alerts have been found for Explicitet.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 60 mentions in open access literature.

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

Schauer IE, et al. (2026) Effects of a Reprometabolic Syndrome-Inducing Eucaloric High-Fat Diet on Insulin Sensitivity, Body Composition, the Lipidome, and the Microbiome. *Metabolites*, 16(5).

Shaw SC, et al. (2026) Type I interferon signaling in hematopoietic cells impairs neutrophil antibacterial function in the middle ear during viral co-infection. *Cell reports. Medicine*, 7(6), 102846.

Garvey K, et al. (2026) Minimally invasive capsule-string device enables spatially resolved microbiome profiling across the upper gastrointestinal tract. *Gut microbes*, 18(1), 2675764.

Fechtner S, et al. (2025) 3,3-Dimethyl-1-Butanol and its Metabolite 3,3-Dimethylbutyrate Ameliorate Collagen-induced Arthritis Independent of Choline Trimethylamine Lyase Activity. *Inflammation*, 48(3), 1350.

Vladar EK, et al. (2025) Transcriptomic and functional responses of the cystic fibrosis airway epithelium to CFTR modulator therapy. *JCI insight*, 10(21).

Jones TB, et al. (2024) Regional Differences in Microbial Infiltration of Brain Tissue from Alzheimer's Disease Patients and Control Individuals. *Brain sciences*, 14(7).

Broman E, et al. (2024) Biotic interactions between benthic infauna and aerobic methanotrophs mediate methane fluxes from coastal sediments. *The ISME journal*, 18(1).

Wongkuna S, et al. (2024) Identification of a microbial sub-community from the feral chicken gut that reduces *Salmonella* colonization and improves gut health in a gnotobiotic chicken model. *Microbiology spectrum*, 12(3), e0162123.

Colbert JF, et al. (2023) Aging-Associated Augmentation of Gut Microbiome Virulence Capability Drives Sepsis Severity. *mBio*, 14(3), e0005223.

Fechtner S, et al. (2023) 3,3-dimethyl-1-butanol and its metabolite 3,3-dimethylbutyrate ameliorate collagen-induced arthritis independent of choline trimethylamine lyase activity. *Research square*.

Hahn A, et al. (2023) Therapeutic beta-lactam dosages and broad-spectrum antibiotics are associated with reductions in microbial richness and diversity in persons with cystic fibrosis. *Scientific reports*, 13(1), 1217.

O'Connor JB, et al. (2023) Detection and identification of fungi in the lower airway of children with and without cystic fibrosis. *Frontiers in microbiology*, 14, 1119703.

Jackson CL, et al. (2022) Evolution of the Gut Microbiome in HIV-Exposed Uninfected and Unexposed Infants during the First Year of Life. *mBio*, 13(5), e0122922.

Kesh K, et al. (2022) Obesity enriches for tumor protective microbial metabolites and treatment refractory cells to confer therapy resistance in PDAC. *Gut microbes*, 14(1), 2096328.

Zheng X, et al. (2022) Dietary licorice enhances in vivo cadmium detoxification and modulates gut microbial metabolism in mice. *iMeta*, 1(1), e7.

Williamson KM, et al. (2021) Modified PCR protocol to increase sensitivity for determination of bacterial community composition. *Microbiome*, 9(1), 90.

Pallikkuth S, et al. (2021) Age Associated Microbiome and Microbial Metabolites Modulation and Its Association With Systemic Inflammation in a Rhesus Macaque Model. *Frontiers in immunology*, 12, 748397.

Wongkuna S, et al. (2021) Description of *Collinsella avium* sp. nov., a new member of the *Collinsella* genus isolated from the ceacum of feral chicken. *New microbes and new infections*, 42, 100902.

Wang L, et al. (2021) Comparative Analysis of the Apple Root Transcriptome as Affected by Rootstock Genotype and Brassicaceae Seed Meal Soil Amendment: Implications for Plant Health. *Microorganisms*, 9(4).

Plugge CM, et al. (2020) Syngas as Electron Donor for Sulfate and Thiosulfate Reducing Haloalkaliphilic Microorganisms in a Gas-Lift Bioreactor. *Microorganisms*, 8(9).