

# 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:** 20260725T190725+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 55 mentions in open access literature.

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

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).

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.

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*.

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

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.

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.

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.

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

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).

Olli KE, et al. (2020) Muc5ac Expression Protects the Colonic Barrier in Experimental Colitis. Inflammatory bowel diseases, 26(9), 1353.

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

Hahn A, et al. (2020) Airway microbial diversity is decreased in young children with cystic fibrosis compared to healthy controls but improved with CFTR modulation. Heliyon, 6(6), e04104.

Kesh K, et al. (2020) Type 2 diabetes induced microbiome dysbiosis is associated with therapy resistance in pancreatic adenocarcinoma. Microbial cell factories, 19(1), 75.

Wongkuna S, et al. (2020) Taxono-genomics description of Olsenella lakotia SW165 T sp. nov., a new anaerobic bacterium isolated from cecum of feral chicken. F1000Research, 9, 1103.

Li E, et al. (2019) Influence of Crohn's disease related polymorphisms in innate immune function on ileal microbiome. PloS one, 14(2), e0213108.