

Resource Summary Report

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National Microbiome Data Collaborative

RRID:SCR_022161

Type: Tool

Proper Citation

National Microbiome Data Collaborative (RRID:SCR_022161)

Resource Information

URL: <https://microbiomedata.org>

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Description: Platform facilitates comprehensive discovery of and access to multidisciplinary microbiome data in order to unlock new possibilities with microbiome data science. Multi organizational effort to integrate microbiome data across diverse areas in medicine, agriculture, bioenergy, and environment. Founded to support long term advancement of microbiome science.

Abbreviations: NMDC

Resource Type: data or information resource, topical portal, portal

Keywords: Microbiome data exploration and discovery, microbiome data, microbiome data science ecosystem, microbiome data, microbiome data discovery portal, FAIR, FAIRsharing

Availability: Free, Freely available

Resource Name: National Microbiome Data Collaborative

Resource ID: SCR_022161

Alternate URLs: <https://github.com/microbiomedata/nmdc-schema>

Record Creation Time: 20220421T050139+0000

Record Last Update: 20260817T040649+0000

Ratings and Alerts

No rating or validation information has been found for National Microbiome Data Collaborative.

No alerts have been found for National Microbiome Data Collaborative.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Keenum I, et al. (2025) A standards perspective on genomic data reusability and reproducibility. *Frontiers in bioinformatics*, 5, 1572937.

Karaoz U, et al. (2022) microTrait: A Toolset for a Trait-Based Representation of Microbial Genomes. *Frontiers in bioinformatics*, 2, 918853.