Resource Summary Report

Generated by NIF on May 29, 2025

MiMeDB

RRID:SCR_025108
Type: Tool

Proper Citation

MiMeDB (RRID:SCR_025108)

Resource Information

URL: https://mimedb.org

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Description: Database containing detailed information about small molecules produced by human microbiome. Provides metabolite data including structure, names, descriptions, chemical taxonomy, chemical ontology, physico-chemical data, spectra and contains detailed information about microbes that produce these chemicals, enzymatic reactions responsible for their production, bioactivity of chemicals and anatomical location of these chemicals and microbes. Many data fields in the database are hyperlinked to other databases including FooDB, HMDB, KEGG, PubChem, MetaCyc, ChEBI, UniProt, and GenBank. Database is FAIR compliant.The data in MiMeDB are released under the Creative Commons (CC) 4.0 License.

Synonyms: , Microbial Metabolites Database, The Human Microbial Metabolome Database

Resource Type: data or information resource, database

Defining Citation: PMID:36215042

Keywords: FAIR, small molecule metabolites, human microbiome, metabolite data,

Funding: NIA U19 AG063744;
Natural Sciences and Engineering Research Council of Canada ;
Canadian Institutes for Health Research ;
Canada Foundation for Innovation ;
Genome Canada

Availability: Free, Freely available

Resource Name: MiMeDB

Resource ID: SCR_025108

Record Creation Time: 20240318T174908+0000

Record Last Update: 20250525T033018+0000

Ratings and Alerts

No rating or validation information has been found for MiMeDB.

No alerts have been found for MiMeDB.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Assaf S, et al. (2024) Unraveling the Evolutionary Diet Mismatch and Its Contribution to the Deterioration of Body Composition. Metabolites, 14(7).

Zhang Y, et al. (2024) Integrating multi-omics to unravel host-microbiome interactions in inflammatory bowel disease. Cell reports. Medicine, 5(9), 101738.

Wu S, et al. (2024) Multi-omic analysis tools for microbial metabolites prediction. Briefings in bioinformatics, 25(4).