

Resource Summary Report

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MMMDB - Mouse Multiple tissue Metabolome DataBase

RRID:SCR_006064

Type: Tool

Proper Citation

MMMDB - Mouse Multiple tissue Metabolome DataBase (RRID:SCR_006064)

Resource Information

URL: <http://mmdb.iab.keio.ac.jp/>

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Description: MMMDB, Mouse Multiple tissue Metabolome DataBase, is a freely available metabolomic database containing a collection of metabolites measured from multiple tissues from single mice. The datasets are collected using a single instrument and not integrated from literatures, which is useful for capturing the holistic overview of large metabolomic pathway. Currently data from cerebrum, cerebellum, thymus, spleen, lung, liver, kidney, heart, pancreas, testis, and plasma are provided. Non-targeted analyses were performed by capillary electropherograms time-of-flight mass spectrometry (CE-TOFMS) and, therefore, both identified metabolites and unknown (without matched standard) peaks were uploaded to this database. Not only quantified concentration but also processed raw data such as electropherogram, mass spectrometry, and annotation (such as isotope and fragment) are provided.

Abbreviations: MMMDB

Synonyms: Mouse Multiple tissue Metabolome DataBase

Resource Type: analysis service resource, data analysis service, data or information resource, database, production service resource, service resource

Defining Citation: [PMID:22139941](#)

Keywords: metabolite, metabolome, cerebrum, cerebellum, thymus, spleen, lung, liver, kidney, heart, pancreas, testis, plasma, metabolomic pathway, capillary electropherograms time-of-flight mass spectrometry, electropherogram, mass spectrometry, annotation, isotope, fragment, bio.tools

Availability: Free

Resource Name: MMMDB - Mouse Multiple tissue Metabolome DataBase

Resource ID: SCR_006064

Alternate IDs: nlx_151467, biotools:mmmdb

Alternate URLs: <https://bio.tools/mmmdb>

Record Creation Time: 20220129T080234+0000

Record Last Update: 20260905T132546+0000

Ratings and Alerts

No rating or validation information has been found for MMMDB - Mouse Multiple tissue Metabolome DataBase.

No alerts have been found for MMMDB - Mouse Multiple tissue Metabolome DataBase.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhao J, et al. (2019) A comprehensive metabolomics investigation of hippocampus, serum, and feces affected by chronic fluoxetine treatment using the chronic unpredictable mild stress mouse model of depression. Scientific reports, 9(1), 7566.