# **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 datases 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 cerabra, cerebella, 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: service resource, production service resource, data analysis service,

database, analysis service resource, data or information resource

**Defining Citation:** PMID:22139941

**Keywords:** metabolite, metabolome, cerabra, cerebella, 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

#### **Funding:**

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:** 20250517T055734+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 <u>dkNET</u>.

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.