

# Resource Summary Report

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## LIPID Metabolites And Pathways Strategy

RRID:SCR\_006579

Type: Tool

### Proper Citation

LIPID Metabolites And Pathways Strategy (RRID:SCR\_006579)

### Resource Information

**URL:** <http://www.lipidmaps.org/>

**Proper Citation:** LIPID Metabolites And Pathways Strategy (RRID:SCR\_006579)

**Description:** Multi-institutional supported website and database that provides access to large number of globally used lipidomics resources. Internationally led the field of lipid curation, classification, and nomenclature since 2003. Produces new open-access databases, informatics tools and lipidomics-focused training activities will be generated and made publicly available for researchers studying lipids in health and disease.

**Abbreviations:** LIPID MAPS

**Synonyms:** , LIPID Maps database, LIPID Metabolites And Pathways Strategy database, LIPID Maps

**Resource Type:** narrative resource, standard specification, database, data or information resource

**Keywords:** lipid, pathway, classification, metabolomics, metabolite, FASEB list

**Funding:** NIGMS ;  
Glue Grant

**Availability:** Free, Freely available

**Resource Name:** LIPID Metabolites And Pathways Strategy

**Resource ID:** SCR\_006579

**Alternate IDs:** nif-0000-00368, SCR\_026208, r3d100012315

**Alternate URLs:** <https://doi.org/10.17616/R3WW7G>

**Record Creation Time:** 20220129T080237+0000

## Ratings and Alerts

No rating or validation information has been found for LIPID Metabolites And Pathways Strategy.

No alerts have been found for LIPID Metabolites And Pathways Strategy.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 1266 mentions in open access literature.

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

Xu L, et al. (2026) Transcriptome and metabolite profiling reveals the mechanism of hepatic lipid metabolism during fasting in chicken. *Animal bioscience*, 39(1), 250014.

Wang H, et al. (2026) Effects of *Lactiplantibacillus Plantarum* fermented feed on meat quality and lipid metabolism of broilers. *Poultry science*, 105(1), 106099.

Zhang X, et al. (2026) Integrated multi-omics analysis reveals the effects of cage and floor rearing systems on meat quality in Chengkou Mountain chickens. *Poultry science*, 105(1), 106165.

Zhang Y, et al. (2026) Modulation of intestinal health and metabolism by dietary *Portulaca oleracea* L. extract enhances growth performance, immune function, and meat quality in Wenchang chickens. *Poultry science*, 105(1), 106098.

Wang S, et al. (2025) Joint Analysis of Multiple Omics to Describe the Biological Characteristics of Resistant Hypertension. *Journal of clinical hypertension (Greenwich, Conn.)*, 27(1), e14961.

Li W, et al. (2025) Integrating proteomics and metabolomics to elucidate the regulatory mechanisms of pimped egg production in chickens: Multi-omics analysis of the mechanism of pimped egg formation. *Poultry science*, 104(2), 104818.

Jung Y, et al. (2025) Metabolomic profiling reveals early biomarkers of gestational diabetes mellitus and associated hepatic steatosis. *Cardiovascular diabetology*, 24(1), 125.

Gan L, et al. (2025) Overexpression of housekeeping gene *FveIPT2* enhances anthocyanin and terpenoid accumulation in strawberry fruits with minimal impact on plant growth and development. *Horticulture research*, 12(8), uhaf130.

Zhang Y, et al. (2025) Exploring the biological basis for the identification of different syndromes in ischemic heart failure based on joint multi-omics analysis. *Frontiers in pharmacology*, 16, 1641422.

Li B, et al. (2025) Biliary-intestinal anastomosis leads to alterations in intestinal flora and its flora metabolites and increases the risk of long-term postoperative complications: a case-control study. *Frontiers in microbiology*, 16, 1531955.

Wu H, et al. (2025) Integrated spatial omics of metabolic reprogramming and the tumor microenvironment in pancreatic cancer. *iScience*, 28(6), 112681.

Matsuda S, et al. (2025) Impaired SREBP1-mediated regulation of lipid metabolism promotes inflammation in chronic endometritis. *Frontiers in immunology*, 16, 1547949.

Zheng Y, et al. (2025) Proteomic and metabolomic analysis of serum in women infected with COVID-19 during late pregnancy. *Frontiers in immunology*, 16, 1589239.

Gan B, et al. (2025) *Lactobacillus johnsonii* HL79 mitigate plateau environment-induced hippocampal dysfunction in mice. *AMB Express*, 15(1), 96.

Deng J, et al. (2025) Dietary purslane modulates gut microbiota and fecal metabolites in aging rats. *Frontiers in microbiology*, 16, 1549853.

Chen J, et al. (2025) Integrated analysis of proteomics and metabolomics in infantile epileptic spasms syndrome. *Scientific reports*, 15(1), 4457.

Jie H, et al. (2025) Serine starvation suppresses the progression of esophageal cancer by regulating the synthesis of purine nucleotides and NADPH. *Cancer & metabolism*, 13(1), 10.

Xu X, et al. (2025) Interactions Between Bacterivorous Nematodes and Bacteria Reduce N<sub>2</sub>O Emissions. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(12), e2413227.

Xiao S, et al. (2025) Integrated multi-omics analysis of liver metabolic dysregulation in ACE2 knockout mice. *International journal of molecular medicine*, 56(3).

Liu J, et al. (2025) Multi-omics study reveals gut microbiota dysbiosis and tryptophan metabolism alterations in GH-PitNET progression. *Scientific reports*, 15(1), 24261.