

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, data or information resource, database, standard specification

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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1266 mentions in open access literature.

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

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.

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.

Ren R, et al. (2025) Multi-Omics Analysis Reveals That AhNHL Contributes to Melatonin-Mediated Cadmium Tolerance in Peanut Plants. *Journal of pineal research*, 77(2), e70035.

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.

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.

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

Huang K, et al. (2025) Deciphering the ammonia transformation mechanism of a novel marine multi-stress-tolerant yeast, *Pichia kudriavzevii* HJ2, as revealed by integrated omics analysis. *Applied and environmental microbiology*, 91(6), e0221124.

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

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.

Xu X, et al. (2025) Interactions Between Bacterivorous Nematodes and Bacteria Reduce N₂O Emissions. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(12), e2413227.

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.

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.

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.

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

Mahamdi T, et al. (2025) Improving MALDI Mass Spectrometry Imaging Performance: Low-Temperature Thermal Evaporation for Controlled Matrix Deposition and Improved Image Quality. *Journal of the American Society for Mass Spectrometry*, 36(5), 1100.

Du Y, et al. (2025) Combined transcriptome and metabolome analysis of chicken follicles in Tengchong Snow Chicken follicle selection. *Animal bioscience*, 38(7), 1316.

Li Q, et al. (2025) Immune cells mediate the effect of plasma lipidomes on IgA nephropathy: a Mendelian randomization study. *Renal failure*, 47(1), 2498631.