

# Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

## LipidSearch

RRID:SCR\_023716

Type: Tool

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### Proper Citation

LipidSearch (RRID:SCR\_023716)

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### Resource Information

**URL:** <https://www.thermofisher.com/us/en/home/industrial/mass-spectrometry/liquid-chromatography-mass-spectrometry-lc-ms/lc-ms-software/multi-omics-data-analysis/lipid-search-software.html>

**Proper Citation:** LipidSearch (RRID:SCR\_023716)

**Description:** Software for automated identification and relative quantitation of lipids. Provides automated identification of lipids and integrates entire dataset into concise report showing statistical differences between sample groups.

**Synonyms:** LipidSearch 5.0, LipidSearch 5.1

**Resource Type:** software application, software resource

**Defining Citation:** [PMID:33288177](#)

**Keywords:** ThermoFisher, automated identification and relative quantitation of lipids, statistical differences between sample groups, lipids automated identification,

**Availability:** Restricted

**Resource Name:** LipidSearch

**Resource ID:** SCR\_023716

**Alternate URLs:** <https://assets.thermofisher.com/TFS-Assets/CMD/brochures/BR-63951-LipidSearch-BR63951-EN.pdf>

**Record Creation Time:** 20230624T050211+0000

**Record Last Update:** 20260912T200305+0000

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### Ratings and Alerts

No rating or validation information has been found for LipidSearch.

No alerts have been found for LipidSearch.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 141 mentions in open access literature.

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

Lu MA, et al. (2026) Molecular mechanisms of flotillin complexes in organizing membrane microdomains. *Nature communications*, 17(1).

Meehan SD, et al. (2026) Phosphatidylserine Decarboxylase Regulates Retinal Ganglion Cell Neurite Outgrowth with Altered Somal Membrane Fluidics and Mitochondrial Morphology. *Biomolecules*, 16(2).

Kim HR, et al. (2026) Skin Barrier Enhancement and Moisturizing Effects of Exosome Extracts Derived from *Pinus densiflora*, *Zanthoxylum piperitum*, and *Lagerstroemia indica* Plants. *Biology*, 15(3).

Yang F, et al. (2026) Lipidomic and Metagenomic Profiling of Chinese Female Emerging Adults With Oily Scalp. *Journal of cosmetic dermatology*, 25(2), e70714.

Xi B, et al. (2026) Peroxin Pex8 couples stress responses, antifungal tolerance, and virulence regulation in *Candida albicans*. *Antimicrobial agents and chemotherapy*, 70(5), e0166225.

Lok HC, et al. (2026) Ultra-rare variants in LAMA2 are risk factors for frontotemporal dementia and motor neuron disease. *Human molecular genetics*, 35(8).

Isik FI, et al. (2026) Upregulation of sphingomyelin and ABCA8 in response to TDP-43 pathology in amyotrophic lateral sclerosis brain. *Brain pathology (Zurich, Switzerland)*, 36(3), e70053.

Wang Y, et al. (2026) Pyruvate metabolism enzyme Dlat induces mitochondria protein hyperacetylation to limit fatty acid oxidation in the HFpEF heart. *Nature communications*, 17(1).

Yin X, et al. (2026) Stepwise phage resistance and collateral phage susceptibility in *Klebsiella pneumoniae*. *Emerging microbes & infections*, 15(1), 2648890.

Davis KJ, et al. (2026) Host CD59 Potentiates the Type III Secretion System in *Yersinia pseudotuberculosis*. *bioRxiv : the preprint server for biology*.

Huergo C, et al. (2026) Characterization of the Lipidome of Neurons in Mouse Brain Nuclei Using Imaging Mass Spectrometry. *Analytical chemistry*, 98(3), 2579.

Chatterjee P, et al. (2026) A lipid compendium of a metabolically compromised bacterium provides insights into lipid acquisition, biosynthesis, and metabolism. *bioRxiv : the preprint server for biology*.

Zhou W, et al. (2026) Neighborhood Greenspace Enhances Cardiopulmonary Function in Healthy Older Adults: A Multiomics Analysis from the BAPE Study. *Environment & health (Washington, D.C.)*, 4(6), 1296.

Rock CM, et al. (2026) Exploratory comparison of PASC and SARS-CoV-2 infection through metabolomics and lipidomics in early pandemic and Omicron-era. *Biochemistry and biophysics reports*, 46, 102652.

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. *Cell*, 189(3), 765.

Jia S, et al. (2025) Combining lipidomics and machine learning to identify lipid biomarkers for nonsyndromic cleft lip with palate. *JCI insight*, 10(9).

Teng D, et al. (2025) DHODH modulates immune evasion of cancer cells via CDP-Choline dependent regulation of phospholipid metabolism and ferroptosis. *Nature communications*, 16(1), 3867.

Xu J, et al. (2025) Metabolic Interplay in Acute Lung Injury: PARK7 Integrates FADS1/2-Dependent PUFA Metabolism and H3K14 Lactylation to Attenuate Endothelial Ferroptosis and Dysfunction. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(46), e08725.

Vicenzi S, et al. (2025) Systemic deficits in lipid homeostasis promote aging-associated impairments in B cell progenitor development. *GeroScience*, 47(4), 5449.

Heinken A, et al. (2025) Systemic regulation of retinal medium-chain fatty acid oxidation repletes TCA cycle flux in oxygen-induced retinopathy. *Communications biology*, 8(1), 25.