

Resource Summary Report

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Profinder

RRID:SCR_017026

Type: Tool

Proper Citation

Profinder (RRID:SCR_017026)

Resource Information

URL: <https://www.agilent.com/en/products/software-informatics/masshunter-suite/masshunter-for-life-science-research/profinder-software>

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Description: Software tool as fast, batch processing feature extraction software for differential analysis that supports data from Agilent GC/MSD, GC/Q-TOF, LC/TOF and LC/Q-TOF instruments. Speeds up differential and flux analysis workflows using intuitive user interface. Used to analyze raw mass spectrometry data, choose peaks.

Synonyms: Profinder 8

Resource Type: data analysis software, data processing software, software application, software resource

Keywords: fast, batch, processing, feature, extraction, software, differential, analysis, Agilent, instrument, support, raw, mass, spectrometry, data

Availability: Commercially available

Resource Name: Profinder

Resource ID: SCR_017026

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260905T132817+0000

Ratings and Alerts

No rating or validation information has been found for Profinder.

No alerts have been found for Profinder.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Kataoka R, et al. (2026) Effects of *Aspergillus oryzae*-derived rice-koji protein on the sake metabolome. *Applied and environmental microbiology*, 92(3), e0195525.

Dias GF, et al. (2026) COVID-19 in hemodialysis patients: New insights into metabolomic profile dynamics from 60 days pre- to 60 days post-diagnosis. *PloS one*, 21(4), e0346687.

Petrick LM, et al. (2025) Molecular Reactivity in Maternal Pregnancy Blood and Neonatal Dried Blood Spots Is Associated with the Risk of Pediatric Acute Lymphoblastic Leukemia. *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*, 34(11), 1979.

Kulkarni AJ, et al. (2025) L-Phenylalanine is a metabolic checkpoint of human Th2 cells. *Cell reports. Medicine*, 6(12), 102466.

Kolli U, et al. (2023) Multi-omics analysis revealing the interplay between gut microbiome and the host following opioid use. *Gut microbes*, 15(2), 2246184.

Rafiei V, et al. (2023) *Verticillium longisporum* phospholipase VlsPLA2 is a virulence factor that targets host nuclei and modulates plant immunity. *Molecular plant pathology*, 24(9), 1078.

Rathgeb A, et al. (2022) Combining iron affinity-based fractionation with non-targeted LC-ESI-TOFMS for the study of iron-binding molecules in dissolved organic matter. *Metallomics : integrated biometal science*, 14(10).

Lima MF, et al. (2022) Untargeted Metabolomics Studies of H9c2 Cardiac Cells Submitted to Oxidative Stress, α -Adrenergic Stimulation and Doxorubicin Treatment: Investigation of Cardiac Biomarkers. *Frontiers in molecular biosciences*, 9, 898742.

Edwinson AL, et al. (2022) Gut microbial β -glucuronidases regulate host luminal proteases and are depleted in irritable bowel syndrome. *Nature microbiology*, 7(5), 680.

Bugsel B, et al. (2022) LC-HRMS screening of per- and polyfluorinated alkyl substances (PFAS) in impregnated paper samples and contaminated soils. *Analytical and bioanalytical chemistry*, 414(3), 1217.

Christia C, et al. (2022) Identification and semi-quantification of metabolites of new plasticizers in urine collected from Flemish adults and children. *Chemosphere*, 307(Pt 2), 135781.

- Krisko TI, et al. (2020) Dissociation of Adaptive Thermogenesis from Glucose Homeostasis in Microbiome-Deficient Mice. *Cell metabolism*, 31(3), 592.
- Hughes JH, et al. (2019) Conditional targeting in mice reveals that hepatic homogentisate 1,2-dioxygenase activity is essential in reducing circulating homogentisic acid and for effective therapy in the genetic disease alkaptonuria. *Human molecular genetics*, 28(23), 3928.
- Halbrook CJ, et al. (2019) Macrophage-Released Pyrimidines Inhibit Gemcitabine Therapy in Pancreatic Cancer. *Cell metabolism*, 29(6), 1390.
- Wang L, et al. (2019) Metabolomics Study of Metabolic Changes in Renal Cells in Response to High-Glucose Exposure Based on Liquid or Gas Chromatography Coupled With Mass Spectrometry. *Frontiers in pharmacology*, 10, 928.
- Zhao Q, et al. (2019) Impaired clearance of sunitinib leads to metabolic disorders and hepatotoxicity. *British journal of pharmacology*, 176(13), 2162.
- Nuriel T, et al. (2017) Neuronal hyperactivity due to loss of inhibitory tone in APOE4 mice lacking Alzheimer's disease-like pathology. *Nature communications*, 8(1), 1464.
- Caparrós-Martín JA, et al. (2017) Statin therapy causes gut dysbiosis in mice through a PXR-dependent mechanism. *Microbiome*, 5(1), 95.
- Buffie CG, et al. (2015) Precision microbiome reconstitution restores bile acid mediated resistance to *Clostridium difficile*. *Nature*, 517(7533), 205.