Resource Summary Report

Generated by NIF on May 7, 2025

ProteomeXchange

RRID:SCR_004055

Type: Tool

Proper Citation

ProteomeXchange (RRID:SCR_004055)

Resource Information

URL: http://www.proteomexchange.org

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Description: A data repository for proteomic data sets. The ProteomeExchange consortium, as a whole, aims to provide a coordinated submission of MS proteomics data to the main existing proteomics repositories, as well as to encourage optimal data dissemination. ProteomeXchange provides access to a number of public databases, and users can access and submit data sets to the consortium's PRIDE database and PASSEL/PeptideAtlas.

Synonyms: , ProteomeXchange, Proteome Exchange

Resource Type: portal, consortium, catalog, data or information resource, service resource, database, organization portal, data repository, storage service resource

Keywords: consortium, database, proteomics, MS proteomics, protein, mass spectrometry, bio.tools, FASEB list

Funding: European Union 260558

Availability: Public, The community can contribute to this resource

Resource Name: ProteomeXchange

Resource ID: SCR_004055

Alternate IDs: nlx_158620, biotools:proteomexchange

Alternate URLs: http://proteomecentral.proteomexchange.org,

https://bio.tools/proteomexchange

License URLs: http://www.ebi.ac.uk/about/terms-of-use

Record Creation Time: 20220129T080222+0000

Record Last Update: 20250507T060213+0000

Ratings and Alerts

No rating or validation information has been found for ProteomeXchange.

No alerts have been found for ProteomeXchange.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4538 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Ploypetch S, et al. (2025) Salivary peptidomic profiling of chronic gingivostomatitis in cats by matrix-assisted laser desorption/ionization-time-of-flight mass spectrometry and nanoscale liquid chromatography-tandem mass spectrometry. Journal of veterinary internal medicine, 39(1), e17247.

Xiong Z, et al. (2025) MANF facilitates breast cancer cell survival under glucose-starvation conditions via PRKN-mediated mitophagy regulation. Autophagy, 21(1), 80.

Perez-Riverol Y, et al. (2025) The PRIDE database at 20 years: 2025 update. Nucleic acids research, 53(D1), D543.

Fan L, et al. (2025) CICADA: a circRNA effort toward the ghost proteome. Nucleic acids research, 53(1).

Sakari M, et al. (2025) ADP-ribosyltransferase-based biocatalysis of nonhydrolyzable NAD+ analogs. The Journal of biological chemistry, 301(1), 108106.

Müller J, et al. (2025) PTMNavigator: interactive visualization of differentially regulated post-translational modifications in cellular signaling pathways. Nature communications, 16(1), 510.

Zhou N, et al. (2025) Proteomic patterns associated with ketamine response in major depressive disorders. Cell biology and toxicology, 41(1), 26.

Ries F, et al. (2025) A truncated variant of the ribosome-associated trigger factor specifically contributes to plant chloroplast ribosome biogenesis. Nature communications, 16(1), 629.

Souza-Silva IM, et al. (2025) Phosphoproteomics for studying signaling pathways evoked by hormones of the renin-angiotensin system: A source of untapped potential. Acta physiologica (Oxford, England), 241(2), e14280.

Mocciaro G, et al. (2025) Oxidised Apolipoprotein Peptidome Characterises Metabolic Dysfunction-Associated Steatotic Liver Disease. Liver international: official journal of the International Association for the Study of the Liver, 45(2), e16200.

Beusch CM, et al. (2025) A multi-tissue longitudinal proteomics study to evaluate the suitability of post-mortem samples for pathophysiological research. Communications biology, 8(1), 78.

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

Guo Q, et al. (2025) Systemic factors associated with antler growth promote complete wound healing. NPJ Regenerative medicine, 10(1), 4.

Lin Z, et al. (2025) Identification of Proteoforms Related to Nelumbo nucifera Flower Petaloid Through Proteogenomic Strategy. Proteomes, 13(1).

Cheng J, et al. (2025) Fam170a deficiency causes male infertility by impairing histone-to-protamine exchange during mouse spermiogenesis. Nucleic acids research, 53(3).

Wu L, et al. (2025) Cross-sectional study of proteomic differences between moderate and severe psoriasis. Scientific reports, 15(1), 3387.

Zhang K, et al. (2025) RNA G-quadruplex structure-based PROTACs for targeted DHX36 protein degradation and gene activity modulation in mammalian cells. Nucleic acids research, 53(3).

Li F, et al. (2025) Phosphoproteomics profiling of sorafenib-resistant hepatocellular carcinoma patient-derived xenografts reveals potential therapeutic strategies. iScience, 28(1), 111657.

Muneer G, et al. (2025) Mapping Nanoscale-To-Single-Cell Phosphoproteomic Landscape by Chip-DIA. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(1), e2402421.

Wei W, et al. (2025) Beclin 1 prevents ISG15-mediated cytokine storms to secure fetal hematopoiesis and survival. The Journal of clinical investigation, 135(3).