

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

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: catalog, consortium, data or information resource, data repository, database, organization portal, portal, service resource, 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: r3d100012122, nlx_158620, biotools:proteomexchange

Alternate URLs: <http://proteomecentral.proteomexchange.org>, <https://bio.tools/proteomexchange>, <https://doi.org/10.17616/R32D29>

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

Record Creation Time: 20220129T080222+0000

Record Last Update: 20260821T193727+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 6107 mentions in open access literature.

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

Gumpert N, et al. (2026) Recurrent Immunogenic Neoantigens and Their Cognate T-cell Receptors in Treatment-Resistant Metastatic Prostate Cancer. *Cancer discovery*, 16(2), 250.

Gulla S, et al. (2026) MECOM Function Is Critical for AR-Driven Treatment-Resistant Prostate Cancer. *Cancer research*, 86(9), 2143.

Lara Castillo NA, et al. (2026) Exercise beneficially reshapes fasted rat skeletal muscle involving the combined action of ??-hydroxybutyrate and palmitoleic acid. *American journal of physiology. Cell physiology*, 330(4), C1006.

Flaherty RL, et al. (2026) LOX Inhibition Disrupts a Collagen-Integrin-MYC Axis to Suppress Progression of Invasive Lobular Carcinoma. *Cancer research*, 86(10), 2487.

Maurencova D, et al. (2026) Cellular senescence escape and antiviral response discriminate glioblastoma from lower-grade gliomas. *Neuro-oncology advances*, 8(1), vdag122.

Grace E, et al. (2026) Metabolic plasticity and optimal redox homeostasis are essential for efficient metastatic colonization. *Molecular metabolism*, 109, 102382.

Jiang W, et al. (2026) Phosphatidic acid-driven plasma membrane localization and activation of FER confer salt tolerance in Arabidopsis. *Science advances*, 12(26), eaef1336.

Hadpech S, et al. (2026) Urinary proteins from stone formers promote calcium oxalate crystallization, growth and aggregation via oxidative modifications. *Journal of advanced research*, 81, 125.

Wang Q, et al. (2026) circTGFB2(3-6) acts as an assembly platform for RNA-binding protein IGF2BP3 and TGFB1 mRNA to enhance breast cancer cell plasticity. *Cell death and differentiation*, 33(4), 779.

Gilani A, et al. (2026) Secretory kinase FAM20C triggers adipocyte dysfunction, inciting insulin resistance and inflammation in obesity. *The Journal of clinical investigation*, 136(1).

Klingeberg M, et al. (2026) An Ultrasensitive Spatial Tissue Proteomics Workflow Exceeding 100 Proteomes Per Day. *Molecular & cellular proteomics : MCP*, 25(1), 101489.

Tomioka R, et al. (2026) Bottom-Up Proteomics Under Acidic Conditions Using Protease Type XIII From *Aspergillus saitoi*. *Molecular & cellular proteomics : MCP*, 25(1), 101469.

Gupta P, et al. (2026) The Aging Microenvironment Is a Determinant of Immune Exclusion and Metastatic Fate in Pancreatic Cancer. *Cancer research*, 86(4), 909.

Smith MA, et al. (2026) Phosphate Resupply Differentially Impacts the Shoot and Root Proteomes of *Arabidopsis thaliana* Seedlings. *Plant, cell & environment*, 49(3), 1598.

Li Z, et al. (2026) DAXX governs the silencing of LINE1 during spermatogenesis in mice. *Nucleic acids research*, 54(5).

Turner NP, et al. (2026) Rapid Histone Post-Translational Modification Analysis Using Alternative Proteases and Tandem Mass Tags. *bioRxiv : the preprint server for biology*.

Pauper M, et al. (2026) A muscular dystrophy associated with bi-allelic LEMD2 variants: Expanding the genotype of nuclear envelopopathies. *Brain pathology (Zurich, Switzerland)*, 36(4), e70082.

Li Y, et al. (2026) VqLecRKV.4 and VqBAK1 Modulate Grapevine Resistance to Powdery Mildew by Regulating Dynamic Balance of ROS. *Plant biotechnology journal*, 24(6), 3691.

Zerbini E, et al. (2026) Post-translational regulation of human D-3-phosphoglycerate dehydrogenase in Alzheimer's disease. *Protein science : a publication of the Protein Society*, 35(3), e70505.

Wang X, et al. (2026) NR3C1 Modulates Wnt Signalling to Influence the Invasiveness and Immune Features of Nonfunctioning Invasive Pituitary Adenomas. *Journal of cellular and molecular medicine*, 30(7), e71097.