

Resource Summary Report

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

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: 20260801T190736+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 5192 mentions in open access literature.

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

Minchaca AZ, et al. (2026) Surface Proteomic Analysis Reveals the Presence of Noncanonical Cell Membrane Endoplasmic Reticulum Chaperones in High-Grade Gliomas. Journal of proteome research, 25(1), 169.

Chanpichai R, et al. (2026) Salivary proteomics in patients with fixed orthodontic appliances and Invisalign treatment. International dental journal, 76(1), 103971.

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).

Liu W, et al. (2026) CD146+ pericyte-like lung cancer brain metastatic stem cells promote tumor angiogenesis through dual regulatory effects on the VEGF/VEGFR axis. Theranostics, 16(4), 1905.

Thomas WR, et al. (2026) Dynamic metabolic and molecular changes during seasonal shrinking in *Sorex araneus*. Genome research, 36(1), 61.

Tang M, et al. (2026) Integrated multi-omics reveals flower color regulatory networks in *Osmanthus fragrans*. Molecular horticulture, 6(1), 1.

Lund VK, et al. (2026) A Syd and RUFY dynein adaptor complex mediates axonal circulation of dense core vesicles. The Journal of cell biology, 225(3).

Qu Y, et al. (2026) Targeting NDUFS8 in basal forebrain ameliorates cognitive decline related to chronic cerebral hypoperfusion. Theranostics, 16(3), 1328.

Wu K, et al. (2026) Deciphering the role of ThHSF1 in the differential expression regulation of laccase isozymes in the white-rot fungus *Trametes hirsuta*. Microbiology spectrum, 14(1), e0100425.

van Vliet AR, et al. (2026) A Rab1 interactome illuminates a dual role in autophagy and membrane trafficking. *The Journal of cell biology*, 225(3).

Mok JH, et al. (2026) Gingival Crevicular Fluid Proteomic Shift: From Gingivitis to Periodontitis. *International dental journal*, 76(1), 109306.

Lee J, et al. (2026) Phenotypic discovery and therapeutic evaluation of an ITGA3B1-targeting antibody-drug conjugate for bladder cancer. *Science advances*, 12(1), eady0041.

Makhmut A, et al. (2026) Spatial proteomics of ovarian cancer precursors delineates early disease changes and drug targets. *Molecular systems biology*, 22(1), 7.

Jiang H, et al. (2025) DCAF7 recruits USP2 to facilitate hepatocellular carcinoma progression by suppressing clockophagy-induced ferroptosis. *Cell death & disease*, 16(1), 654.

Takahashi M, et al. (2025) PPM1D is directly degraded by proteasomes in a ubiquitination-independent manner through its carboxyl-terminal region. *Journal of biomedical science*, 32(1), 88.

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

Wang Y, et al. (2025) Homeodomain protein PRRX1 anchors the Ku heterodimers at DNA double-strand breaks to promote nonhomologous end-joining. *Nucleic acids research*, 53(6).

Wang K, et al. (2025) Tobacco Smoking Rewires Cell Metabolism by Inducing GAPDH Succinylation to Promote Lung Cancer Progression. *Cancer research*, 85(15), 2838.

Zhao HF, et al. (2025) Nuclear transport of phosphorylated LanCL2 promotes invadopodia formation and tumor progression of glioblastoma by activating STAT3/Cortactin signaling. *Journal of advanced research*, 69, 139.

Zhang Q, et al. (2025) Preliminary Proteomic and Metabolomic Analyses Reveal Potential Serum Biomarkers for Identifying Alveolar Echinococcosis in Mice. *Veterinary sciences*, 12(6).