

Resource Summary Report

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MaxQuant

RRID:SCR_014485

Type: Tool

Proper Citation

MaxQuant (RRID:SCR_014485)

Resource Information

URL: <http://www.biochem.mpg.de/5111795/maxquant>

Proper Citation: MaxQuant (RRID:SCR_014485)

Description: A quantitative proteomics software package for analyzing large-scale mass-spectrometric data sets. It is a set of algorithms that include peak detection and scoring of peptides, mass calibration, database searches for protein identification, protein quantification, and provides summary statistics.

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

Defining Citation: [PMID:19029910](#), [PMID:25059623](#)

Keywords: mass spectrometry analysis software, proteomics software, mass calibration, protein identification, protein quantification, FASEB list

Resource Name: MaxQuant

Resource ID: SCR_014485

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260912T195817+0000

Ratings and Alerts

No rating or validation information has been found for MaxQuant.

No alerts have been found for MaxQuant.

Data and Source Information

Usage and Citation Metrics

We found 13452 mentions in open access literature.

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

Kim DH, et al. (2026) Tumor Exosomal L1 Cell Adhesion Molecule Promotes Brain Metastasis of Lung Cancer. Research (Washington, D.C.), 9, 1126.

Daniele LL, et al. (2026) Selective deletion of Slc2a1 from the RPE reveals that rods but not cones depend on glucose transport across the outer blood-retinal barrier. iScience, 29(1), 114450.

Zhao Y, et al. (2026) IDH1 Reprograms Nucleotide Metabolism by Inducing Chromatin Remodeling and DHODH Transcription to Drive Chemoresistance in Nasopharyngeal Carcinoma. Cancer research, 86(8), 2004.

Singh D, et al. (2026) Antibody-Mediated Targeting of Secretory Protein SCUBE3 Suppresses Cancer Progression by Inhibiting Oncogenic Signaling and Inducing Antitumor Immunity. Cancer research, 86(5), 1252.

Brevi A, et al. (2026) Intercepting YAP Activation in Prostate Cancer Blocks Neuroendocrine Progression. Cancer research, 86(12), 2860.

Enssle JC, et al. (2026) Pathogenesis of diffuse large B cell lymphoma proteogenotypes. Cancer cell, 44(7), 1437.

Zhao J, et al. (2026) Extracellular Vesicle-Mediated O-GlcNAcase Transfer Drives Neuronal Necroptosis to Facilitate Gallbladder Cancer Perineural Invasion. Cancer research, 86(6), 1392.

Krusen BM, et al. (2026) Improving a Plasma Biomarker Panel for Early Detection of Pancreatic Ductal Adenocarcinoma with Aminopeptidase N (ANPEP) and Polymeric Immunoglobulin Receptor (PIGR). Clinical cancer research : an official journal of the American Association for Cancer Research, 32(4), 756.

Shi M, et al. (2026) Transcriptomic landscape of transposable elements reveals LTR7-PLAAT4 as a potential oncogene and therapeutic target in pancreatic adenocarcinoma. Genome research, 36(2), 275.

Rathore U, et al. (2026) Systematic discovery of pro- and anti-HIV host factors in primary human CD4+ T cells. Cell, 189(12), 3651.

Yang J, et al. (2026) GLS1 Orchestrates Exosome-Mediated Tumor-Endothelial Communication to Facilitate Angiogenesis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(41), e75510.

Jones L, et al. (2026) A structure-based modeling approach identifies effective drug combinations for RAS-mutant acute myeloid leukemia. iScience, 29(8), 116875.

Ito T, et al. (2026) RLF/ZFP292 stabilize CoREST-linked LSD1 engagement at bivalent promoters to safeguard pluripotency. *Cell reports*, 45(4), 117293.

Indeglia A, et al. (2026) Protocol for identification of protein citrullination by immunoprecipitation followed by mass spectrometry. *STAR protocols*, 7(1), 104326.

Zhao S, et al. (2026) RNF25 confers mRNA damage tolerance by curbing activation of the integrated stress response. *Molecular cell*, 86(7), 1275.

Lobb RJ, et al. (2026) Early-stage multi-cancer detection through a plasma extracellular vesicle protein signature. *Cell reports. Medicine*, 7(4), 102694.

Carlioni R, et al. (2026) Defining the chromatin-associated protein landscapes on *Trypanosoma brucei* repetitive elements using synthetic TALE proteins. *eLife*, 14.

Ball B, et al. (2026) Systematic infectome-phenome profiling reveals cryptococcal infection-associated proteins driving immune system remodeling and immunization potential. *iScience*, 29(6), 116263.

Saini P, et al. (2026) Targeting Interactions Between Siglec-10 and $\alpha 3 \beta 1$ Integrin Enhances Macrophage-Mediated Phagocytosis of Pancreatic Cancer. *Cancer research*, 86(1), 99.

Shi X, et al. (2026) Rapid expansion of primary human vocal fold epithelial cells via targeted pathway inhibition and anchorage-independent sphere culture. *Cell reports methods*, 6(3), 101310.