

Resource Summary Report

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Mass spectrometry Interactive Virtual Environment (MassIVE)

RRID:SCR_013665

Type: Tool

Proper Citation

Mass spectrometry Interactive Virtual Environment (MassIVE) (RRID:SCR_013665)

Resource Information

URL: <https://massive.ucsd.edu/ProteoSAFe/static/massive.jsp>

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Description: Mass spectrometry Interactive Virtual Environment (MassIVE) is a community resource developed by the NIH-funded Center for Computational Mass Spectrometry to promote the global, free exchange of mass spectrometry data. Data repository for proteomics data.

Abbreviations: MassIVE

Synonyms: Mass spectrometry Interactive Virtual Environment (MassIVE), MassIVE, Mass spectrometry Interactive Virtual Environment

Resource Type: data or information resource, data repository, database, service resource, storage service resource

Keywords: Proteomics, Mass Spec, FASEB list

Resource Name: Mass spectrometry Interactive Virtual Environment (MassIVE)

Resource ID: SCR_013665

Alternate IDs: r3d100012858

Alternate URLs: <https://massive.ucsd.edu/>

Record Creation Time: 20220129T080317+0000

Record Last Update: 20260905T132739+0000

Ratings and Alerts

No rating or validation information has been found for Mass spectrometry Interactive Virtual Environment (MassIVE).

No alerts have been found for Mass spectrometry Interactive Virtual Environment (MassIVE).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1409 mentions in open access literature.

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

Nail AN, et al. (2026) Deficient arsenic methylation and global proteomic reprogramming in human keratinocytes during arsenic-induced skin carcinogenesis. Archives of toxicology.

Balamurugan K, et al. (2026) 3D "Emboli" Culture Models Epithelial Breast Cancer Cell Oxidative Mitochondrial Metabolism with Relevance for Lung Metastasis. Cancer research communications, 6(3), 600.

Gadad SS, et al. (2026) X-linked cancer-associated polypeptide (XCP) from lncRNA1456 modulates PHF8 histone demethylase activity to regulate the epigenome, gene expression, and cellular pathways in breast cancer. Oncogene, 45(17), 1557.

Sanchez KM, et al. (2026) Dynamic acetylation of a conserved lysine impacts glycerol kinase activity and abundance in the haloarchaeon Haloferax volcanii. The Journal of biological chemistry, 302(1), 110960.

Sun J, et al. (2026) In-Cell Proteomics Enables High-Resolution Spatial and Temporal Mapping of Early Xenopus tropicalis Embryos. Molecular & cellular proteomics : MCP, 25(2), 101481.

Jung H, et al. (2026) Autism-associated ARHGEF9 variants impair GABAergic synapses and ultrasonic communication by reducing gephyrin phosphorylation. Molecular psychiatry, 31(3), 1757.

Lin CP, et al. (2026) The Mechanism of Histone Ubiquitylation by the ASB9-CUL5 Ubiquitin Ligase. Molecular & cellular proteomics : MCP, 25(2), 101471.

Vegesna N, et al. (2026) Arabidopsis YEATS domain proteins facilitate DNA double-strand break repair via homology-directed pathways. Proceedings of the National Academy of Sciences of the United States of America, 123(24), e2612171123.

Liu J, et al. (2026) Mucinase from Bacteroides thetaiotaomicron as mucolytic for mucinous cancer pseudomyxoma peritonei. Frontiers in microbiology, 17, 1722421.

Liu J, et al. (2026) A Dimeric Rocaglate Promotes Multivalent eIF4A-RNA Assembly. bioRxiv : the preprint server for biology.

Noble JT, et al. (2026) Mammarenaviruses depend on endogenous fatty acid synthesis in cell culture systems. *Journal of lipid research*, 67(5), 101038.

Asokan S, et al. (2026) CNS-compartmentalized IgG aggregates and glycosylation in multiple sclerosis contribute to oligoclonal bands and neuronal cytotoxicity. *Frontiers in immunology*, 17, 1689835.

Sahu AK, et al. (2026) Oxidative stress causes a reversible decrease of deubiquitylases activity in old vertebrate brains. *Nature communications*, 17(1).

Jayawardana IM, et al. (2026) Nuclear myosin VI cooperates with actin to promote transcriptional cluster formation at androgen receptors. *The Journal of biological chemistry*, 302(2), 111088.

Durot S, et al. (2026) Multi-omics analysis reveals metabolic diversity underlying endothelial cell functions. *Life science alliance*, 9(3).

Fisher RJ, et al. (2026) CoREST complex inhibition alters RNA splicing to promote neoantigen expression and enhance tumor immunity. *JCI insight*, 11(2).

Freundt JK, et al. (2026) Selective titin cleavage disrupts cardiac mechanical homeostasis to drive heart failure and fibrosis. *Nature cardiovascular research*, 5(6), 572.

Sasidharan V, et al. (2026) Extracellular vesicles mediate stem cell signaling and systemic RNAi in planarians. *Science advances*, 12(6), eady1461.

Preußer C, et al. (2026) Isolation Defines Identity: Functional Consequences of Extracellular Vesicle Purification Strategies. *Advanced healthcare materials*, 15(13), e04684.

Kang SWS, et al. (2026) PLIN5 phosphorylation orchestrates mitochondria lipid-droplet coupling to control hepatic lipid flux and steatosis. *Nature metabolism*, 8(3), 587.