Resource Summary Report

Generated by NIF on Apr 9, 2025

MINT

RRID:SCR_001523
Type: Tool

Proper Citation

MINT (RRID:SCR_001523)

Resource Information

URL: http://mint.bio.uniroma2.it/

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Description: A database that focuses on experimentally verified protein-protein interactions mined from the scientific literature by expert curators. The curated data can be analyzed in the context of the high throughput data and viewed graphically with the MINT Viewer. This collection of molecular interaction databases can be used to search for, analyze and graphically display molecular interaction networks and pathways from a wide variety of species. MINT is comprised of separate database components. HomoMINT, is an inferred human protein interatction database. Domino, is database of domain peptide interactions. VirusMINT explores the interactions of viral proteins with human proteins. The MINT connect viewer allows you to enter a list of proteins (e.g. proteins in a pathway) to retrieve, display and download a network with all the interactions connecting them.

Abbreviations: MINT

Synonyms: MINT, the Molecular INTeraction database, Molecular Interactions Database, Molecular INTeraction database, MINT - the Molecular INTeraction database

Resource Type: database, data or information resource

Defining Citation: PMID:22096227, PMID:24234451, PMID:19897547, PMID:18592188, PMID:18551417, PMID:18428712, PMID:17135203, PMID:11911893

Keywords: protein-protein interaction, protein, interaction, virus, peptide, organelle co-localization, pathway, molecular interaction, papillomavirus, epstein-barr virus, hepatitis b virus, hepatitis c virus, human adenovirus, human herpesvirus, human immunodeficiency virus, influenza a virus, vaccinia virus, simian virus 40, virus strains, virus protein,

orthologous protein, network, proteomics, ortholog, FASEB list

Funding: European Union ;
ENFIN ;
Interaction Proteome Project ;
IMEx - The International Molecular Exchange Consortium ;
HUPO Proteomics Standards Initiative ;
AIRC Associazione Italiana per la Ricerca sul Cancro

Availability: Open access, Available for download, Acknowledgement requested

Resource Name: MINT

Resource ID: SCR_001523

Alternate IDs: nlx_152821

Record Creation Time: 20220129T080208+0000

Record Last Update: 20250409T060123+0000

Ratings and Alerts

No rating or validation information has been found for MINT.

No alerts have been found for MINT.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1050 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Brunt T, et al. (2025) Environmental DNA Reveals Habitat Variables Driving Platypus (Ornithorhynchus anatinus) Distribution Across an Urbanised Landscape. Ecology and evolution, 15(1), e70783.

Hammers DB, et al. (2025) Differences in baseline cognitive performance between participants with early-onset and late-onset Alzheimer's disease: Comparison of LEADS and ADNI. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(1), e14218.

Feng Y, et al. (2025) Microstructural mapping of neural pathways in Alzheimer's disease using macrostructure-informed normative tractometry. Alzheimer's & dementia : the journal of the Alzheimer's Association, 21(1), e14371.

Rahman RL, et al. (2025) Neoadjuvant Chemotherapy for T3 Tumors in the Era of Precision Medicine-Biology Is Still King. International journal of molecular sciences, 26(2).

Di Stefano G, et al. (2025) MicroRNA Expression in High-Grade B-Cell Lymphoma With 11q Aberration. Genes, chromosomes & cancer, 64(1), e70021.

Suchy-Dicey AM, et al. (2025) Cognitive reserve is associated with education, social determinants, and cognitive outcomes among older American Indians in the Strong Heart Study. Communications psychology, 3(1), 14.

Zhai Y, et al. (2025) Network pharmacology: a crucial approach in traditional Chinese medicine research. Chinese medicine, 20(1), 8.

Nguyen A, et al. (2025) Structural and functional characterization of integrin ?5-targeting antibodies for anti-angiogenic therapy. bioRxiv : the preprint server for biology.

Zhang X, et al. (2025) Short-term effects of combined environmental factors on respiratory disease mortality in Qingdao city: A time-series investigation. PloS one, 20(1), e0318250.

Terzin M, et al. (2025) Gene content of seawater microbes is a strong predictor of water chemistry across the Great Barrier Reef. Microbiome, 13(1), 11.

Langlois S, et al. (2024) "From Health Experts to Health Guides": Motivational Interviewing Learning Processes and Influencing Factors. Health education & behavior : the official publication of the Society for Public Health Education, 51(2), 251.

Ahn D, et al. (2024) Shared vs separate structural representations: Evidence from cumulative cross-language structural priming. Quarterly journal of experimental psychology (2006), 77(1), 174.

Punzi M, et al. (2024) Atrophy of hippocampal subfields and amygdala nuclei in subjects with mild cognitive impairment progressing to Alzheimer's disease. Heliyon, 10(6), e27429.

Fridman C, et al. (2024) Modeling lexical abilities of heritage language and L2 speakers of Hebrew and English in Israel and the United States: a network approach. Frontiers in psychology, 15, 1331801.

Meyniel-Schicklin L, et al. (2024) Viruses traverse the human proteome through peptide interfaces that can be biomimetically leveraged for drug discovery. Proceedings of the National Academy of Sciences of the United States of America, 121(5), e2308776121.

Joblin-Mills A, et al. (2024) Utilising a Clinical Metabolomics LC-MS Study to Determine the Integrity of Biological Samples for Statistical Modelling after Long Term -80 °C Storage: A TOFI_Asia Sub-Study. Metabolites, 14(6).

Thomas KR, et al. (2024) Self- and study partner-reported cognitive decline in older adults without dementia: The role of ?-synuclein and amyloid biomarkers in the Alzheimer's Disease Neuroimaging Initiative. Alzheimer's & dementia : the journal of the Alzheimer's Association, 20(11), 7777.

Mehryary F, et al. (2024) STRING-ing together protein complexes: corpus and methods for extracting physical protein interactions from the biomedical literature. Bioinformatics (Oxford, England), 40(9).

Heidt CM, et al. (2024) Delta-radiomics features of ADC maps as early predictors of treatment response in lung cancer. Insights into imaging, 15(1), 218.

Aggarwal R, et al. (2024) Design of a randomised controlled hybrid trial of nintedanib in patients with progressive myositis-associated interstitial lung disease. BMC pulmonary medicine, 24(1), 544.