

Resource Summary Report

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Omics Discovery Index

RRID:SCR_010494

Type: Tool

Proper Citation

Omics Discovery Index (RRID:SCR_010494)

Resource Information

URL: <http://www.omicsdi.org/>

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Description: Portal for dataset discovery across a heterogeneous, distributed group of transcriptomics, genomics, proteomics and metabolomics data resources. These resources span eight repositories in three continents and six organisations, including both open and controlled access data resources.

Abbreviations: OmicsDI, DDI, DDICC

Synonyms: Omics Discovery Index (OmicsDI)

Resource Type: data or information resource, database, portal

Keywords: dataset search, knowledge framework, knowledge discovery

Funding: NIA 1U24AI117966-01;
NIGMS 1U54GM114833-01

Availability: Free, Public

Resource Name: Omics Discovery Index

Resource ID: SCR_010494

Alternate IDs: nlx_158507, SCR_014747

Record Creation Time: 20220129T080259+0000

Record Last Update: 20260729T044252+0000

Ratings and Alerts

No rating or validation information has been found for Omics Discovery Index.

No alerts have been found for Omics Discovery Index.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Cui R, et al. (2025) Prognostic and immunotherapeutic potential of disulfidptosis-associated signature in pancreatic cancer. *Frontiers in immunology*, 16, 1568976.

Deutsch EW, et al. (2023) The ProteomeXchange consortium at 10 years: 2023 update. *Nucleic acids research*, 51(D1), D1539.

Arenas GA, et al. (2022) Transcriptional and Epigenomic Markers of the Arterial-Venous and Micro/Macro-Vascular Endothelial Heterogeneity within the Umbilical-Placental Bed. *International journal of molecular sciences*, 23(19).

Dato S, et al. (2021) Omics in a Digital World: The Role of Bioinformatics in Providing New Insights Into Human Aging. *Frontiers in genetics*, 12, 689824.

Denoyelle L, et al. (2021) VarGoats project: a dataset of 1159 whole-genome sequences to dissect *Capra hircus* global diversity. *Genetics, selection, evolution : GSE*, 53(1), 86.

Parolo S, et al. (2021) Reconstruction of the Cytokine Signaling in Lysosomal Storage Diseases by Literature Mining and Network Analysis. *Frontiers in cell and developmental biology*, 9, 703489.

Kumar Das J, et al. (2021) Data science in unveiling COVID-19 pathogenesis and diagnosis: evolutionary origin to drug repurposing. *Briefings in bioinformatics*, 22(2), 855.

Rauner M, et al. (2021) Perspective of the GEMSTONE Consortium on Current and Future Approaches to Functional Validation for Skeletal Genetic Disease Using Cellular, Molecular and Animal-Modeling Techniques. *Frontiers in endocrinology*, 12, 731217.

Fanidis D, et al. (2021) Fibromine is a multi-omics database and mining tool for target discovery in pulmonary fibrosis. *Scientific reports*, 11(1), 21712.

Bono H, et al. (2020) All of gene expression (AOE): An integrated index for public gene expression databases. *PloS one*, 15(1), e0227076.

Subramanian I, et al. (2020) Multi-omics Data Integration, Interpretation, and Its Application. *Bioinformatics and biology insights*, 14, 1177932219899051.

Paananen J, et al. (2020) An omics perspective on drug target discovery platforms. *Briefings in bioinformatics*, 21(6), 1937.

Deutsch EW, et al. (2020) The ProteomeXchange consortium in 2020: enabling 'big data' approaches in proteomics. *Nucleic acids research*, 48(D1), D1145.

Labory J, et al. (2020) Multi-Omics Approaches to Improve Mitochondrial Disease Diagnosis: Challenges, Advances, and Perspectives. *Frontiers in molecular biosciences*, 7, 590842.

Krassowski M, et al. (2020) State of the Field in Multi-Omics Research: From Computational Needs to Data Mining and Sharing. *Frontiers in genetics*, 11, 610798.

Palermo A, et al. (2020) Cloud-based archived metabolomics data: A resource for in-source fragmentation/annotation, meta-analysis and systems biology. *Analytical science advances*, 1(1), 70.

Dass G, et al. (2020) The omics discovery REST interface. *Nucleic acids research*, 48(W1), W380.

Loganathan T, et al. (2020) Host transcriptome-guided drug repurposing for COVID-19 treatment: a meta-analysis based approach. *PeerJ*, 8, e9357.

Tenenbaum JD, et al. (2019) Translational bioinformatics in mental health: open access data sources and computational biomarker discovery. *Briefings in bioinformatics*, 20(3), 842.

Perez-Riverol Y, et al. (2019) Quantifying the impact of public omics data. *Nature communications*, 10(1), 3512.