

Resource Summary Report

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OMICtools

RRID:SCR_002250

Type: Tool

Proper Citation

OMICtools (RRID:SCR_002250)

Resource Information

URL: https://scicrunch.org/resolver/SCR_002250

Proper Citation: OMICtools (RRID:SCR_002250)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented Jul 19, 2024. Metadatabase manually curated that provides web accessible tools related to genomics, transcriptomics, proteomics and metabolomics. Used as informative directory for multi-omic data analysis.

Abbreviations: OMICtools

Synonyms: genOMIC tools

Resource Type: data or information resource, catalog, database

Defining Citation: [PMID:25024350](#)

Keywords: metadatabase, manually, curated, tool, genomic, transcriptomic, proteomic, metabolomic, data

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: OMICtools

Resource ID: SCR_002250

Alternate IDs: nlx_155571, r3d100012426

Alternate URLs: <https://doi.org/10.17616/R3PJ3N>

Old URLs: <http://omictools.com/>

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Record Creation Time: 20220129T080212+0000

Record Last Update: 20260801T190208+0000

Ratings and Alerts

No rating or validation information has been found for OMICtools.

No alerts have been found for OMICtools.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Jelcic I, et al. (2025) T-bet+ CXCR3+ B cells drive hyperreactive B-T cell interactions in multiple sclerosis. *Cell reports. Medicine*, 6(3), 102027.

Yan Y, et al. (2024) Gut microbiota-derived cholic acid mediates neonatal brain immaturity and white matter injury under chronic hypoxia. *iScience*, 27(5), 109633.

Clark JT, et al. (2023) IL-18BP mediates the balance between protective and pathological immune responses to *Toxoplasma gondii*. *Cell reports*, 42(3), 112147.

Campos-Contreras ADR, et al. (2022) Adenosine Receptor A2B Negatively Regulates Cell Migration in Ovarian Carcinoma Cells. *International journal of molecular sciences*, 23(9).

Pascucci L, et al. (2021) Imaging extracellular vesicles by transmission electron microscopy: Coping with technical hurdles and morphological interpretation. *Biochimica et biophysica acta. General subjects*, 1865(4), 129648.

Wei L, et al. (2021) Identification of key pathways and RNAs associated with skeletal muscle atrophy after spinal cord injury. *Journal of musculoskeletal & neuronal interactions*, 21(4), 550.

Misra BB, et al. (2021) New software tools, databases, and resources in metabolomics: updates from 2020. *Metabolomics : Official journal of the Metabolomic Society*, 17(5), 49.

Villalba GC, et al. (2021) Fantastic databases and where to find them: Web applications for researchers in a rush. *Genetics and molecular biology*, 44(2), e20200203.

Cole JJ, et al. (2021) Searchlight: automated bulk RNA-seq exploration and visualisation using dynamically generated R scripts. *BMC bioinformatics*, 22(1), 411.

Reyna-Jeldes M, et al. (2021) Purinergic P2Y2 and P2X4 Receptors Are Involved in the Epithelial-Mesenchymal Transition and Metastatic Potential of Gastric Cancer Derived Cell Lines. *Pharmaceutics*, 13(8).

Liakh I, et al. (2020) Methods of the Analysis of Oxylipins in Biological Samples. *Molecules* (Basel, Switzerland), 25(2).

Velázquez-Miranda E, et al. (2020) Increased Purinergic Responses Dependent on P2Y2 Receptors in Hepatocytes from CCl₄-Treated Fibrotic Mice. *International journal of molecular sciences*, 21(7).

Libisch B, et al. (2020) Metagenomic Analysis of Acquired Antibiotic Resistance Determinants in the Gut Microbiota of Wild Boars (*Sus Scrofa*) - Preliminary Results. *Journal of veterinary research*, 64(1), 111.

Savage SR, et al. (2020) Using phosphoproteomics data to understand cellular signaling: a comprehensive guide to bioinformatics resources. *Clinical proteomics*, 17, 27.

Yu A, et al. (2020) A Comprehensive Analysis Identified the Key Differentially Expressed Circular Ribonucleic Acids and Methylation-Related Function in Pheochromocytomas and Paragangliomas. *Frontiers in genetics*, 11, 15.

Zhu H, et al. (2020) LncRNA TTN-AS1 promotes the progression of cholangiocarcinoma via the miR-320a/neuropilin-1 axis. *Cell death & disease*, 11(8), 637.

Andrio P, et al. (2019) BioExcel Building Blocks, a software library for interoperable biomolecular simulation workflows. *Scientific data*, 6(1), 169.

Ison J, et al. (2019) The bio.tools registry of software tools and data resources for the life sciences. *Genome biology*, 20(1), 164.

Torres-Perez R, et al. (2019) WeReview: CRISPR Tools-Live Repository of Computational Tools for Assisting CRISPR/Cas Experiments. *Bioengineering* (Basel, Switzerland), 6(3).

Zolotareva O, et al. (2019) A Survey of Gene Prioritization Tools for Mendelian and Complex Human Diseases. *Journal of integrative bioinformatics*, 16(4).