

Resource Summary Report

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PaintOmics

RRID:SCR_021859

Type: Tool

Proper Citation

PaintOmics (RRID:SCR_021859)

Resource Information

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

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Description: Web tool for integrative visualization of multiple omic datasets onto KEGG pathways. Supports integrated visualization of multiple species of different biological kingdoms and offers user possibility to request any other organism present in KEGG database.

Synonyms: PaintOmics 3, Paintomics

Resource Type: software resource, data access protocol, web service

Defining Citation: [DOI:10.1093/bioinformatics/btq594](https://doi.org/10.1093/bioinformatics/btq594), [PMID:29800320](https://pubmed.ncbi.nlm.nih.gov/29800320/)

Keywords: integrative visualization, multiple omic datasets, KEGG pathways, multiple species

Funding: Spanish Ministry of Science and Innovation ; GVA-FEDER

Availability: Free, Freely available

Resource Name: PaintOmics

Resource ID: SCR_021859

License: GNU GPL

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260813T055238+0000

Ratings and Alerts

No rating or validation information has been found for PaintOmics.

No alerts have been found for PaintOmics.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Burge KY, et al. (2025) Spatial transcriptomics delineates potential differences in intestinal phenotypes of cardiac and classical necrotizing enterocolitis. *iScience*, 28(4), 112166.

Vincent D, et al. (2024) Integrated Proteomics and Metabolomics of Safflower Petal Wilting and Seed Development. *Biomolecules*, 14(4).

Nguyen QH, et al. (2024) Current approaches and outstanding challenges of functional annotation of metabolites: a comprehensive review. *Briefings in bioinformatics*, 25(6).

Fontanet-Manzanegue JB, et al. (2024) Untargeted mutagenesis of brassinosteroid receptor SbBRI1 confers drought tolerance by altering phenylpropanoid metabolism in *Sorghum bicolor*. *Plant biotechnology journal*, 22(12), 3406.

Shao X, et al. (2023) Discrimination of Traditional Chinese Medicine Syndromes in Type 2 Diabetic Patients Based on Metabolomics-Proteomics Profiles. *International journal of analytical chemistry*, 2023, 5722131.

Kwoji ID, et al. (2023) 'Multi-omics' data integration: applications in probiotics studies. *NPJ science of food*, 7(1), 25.

Zhou XJ, et al. (2023) Integration of artificial intelligence and multi-omics in kidney diseases. *Fundamental research*, 3(1), 126.

Husaini AM, et al. (2022) Understanding saffron biology using omics- and bioinformatics tools: stepping towards a better *Crocus* phenome. *Molecular biology reports*, 49(6), 5325.

Maghsoudi Z, et al. (2022) A comprehensive survey of the approaches for pathway analysis using multi-omics data integration. *Briefings in bioinformatics*, 23(6).

Banimfreg BH, et al. (2022) Survey for Computer-Aided Tools and Databases in Metabolomics. *Metabolites*, 12(10).

Jiao Y, et al. (2022) Integrated physiological, proteomic, and metabolomic analyses of pecan cultivar 'Pawnee' adaptation to salt stress. *Scientific reports*, 12(1), 1841.

Zhou G, et al. (2022) OmicsNet 2.0: a web-based platform for multi-omics integration and network visual analytics. *Nucleic acids research*, 50(W1), W527.

Chen Y, et al. (2022) Guide to Metabolomics Analysis: A Bioinformatics Workflow. *Metabolites*, 12(4).

Beale DJ, et al. (2022) Omics-based ecosurveillance for the assessment of ecosystem function, health, and resilience. *Emerging topics in life sciences*, 6(2), 185.

Wang C, et al. (2020) Small intestine proteomics coupled with serum metabolomics reveal disruption of amino acid metabolism in Chinese hamsters with type 2 diabetes mellitus. *Journal of proteomics*, 223, 103823.