

Resource Summary Report

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ggplot2

RRID:SCR_014601

Type: Tool

Proper Citation

ggplot2 (RRID:SCR_014601)

Resource Information

URL: <https://cran.r-project.org/web/packages/ggplot2/index.html>

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Description: Open source software package for statistical programming language R to create plots based on grammar of graphics. Used for data visualization to break up graphs into semantic components such as scales and layers.

Synonyms: grammar of graphics plot2

Resource Type: data visualization software, software application, data processing software, software resource

Keywords: plotting system, r, graphics, data analysis, multi-layered graphics, bio.tools

Availability: Free, Freely available

Resource Name: ggplot2

Resource ID: SCR_014601

Alternate IDs: biotools:ggplot2

Alternate URLs: <http://docs.ggplot2.org/current/>, <https://github.com/tidyverse/ggplot2>, <https://bio.tools/ggplot2>

Old URLs: <http://ggplot2.org/>

License: GPL v2

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260801T042734+0000

Ratings and Alerts

No rating or validation information has been found for ggplot2.

No alerts have been found for ggplot2.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 36105 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Jani S, et al. (2026) Circulating Neoantigen- and Viral Oncoprotein-Specific CD8+ T Cells Share a Transcriptional Signature. *Cancer immunology research*, 14(1), 22.

Avanessian SC, et al. (2026) IL2/IL15 Signaling Induces NK Cell Production of FLT3LG, Augmenting Anti-PD-1 Immunotherapy. *Cancer immunology research*, 14(1), 122.

Lorenz SM, et al. (2026) A fin-loop-like structure in GPX4 underlies neuroprotection from ferroptosis. *Cell*, 189(1), 287.

Liang Y, et al. (2026) SLC39A10 drives M2 macrophage polarization and gastric cancer progression through the MAPK14(p38?) pathway. *iScience*, 29(1), 114400.

Baars B, et al. (2026) RAS Mutation-Specific Responses to Paralog- and State-Selective RAS Inhibitors. *Molecular cancer research : MCR*, 24(1), 60.

Xu Y, et al. (2026) From degraded to deciphered: Applying ATAC-seq to forensic molecular diagnosis under degradation conditions. *Forensic science international*, 379, 112789.

Allen AM, et al. (2026) Differential neuronal survival defines a novel axis of sexual dimorphism in the *Drosophila* brain. *Cell genomics*, 101125.

Meghdadi B, et al. (2026) Digital twins for in vivo metabolic flux estimations in patients with brain cancer. *Cell metabolism*, 38(1), 228.

Patel UA, et al. (2026) CRISPR Screen Identifies HDAC3 as a Novel Radiosensitizing Target in Small Cell Lung Cancer. *Molecular cancer therapeutics*, 25(1), 183.

Safari M, et al. (2026) Combined HDAC and eIF4A inhibition: A novel epigenetic therapy for pancreatic ductal adenocarcinoma. *Drug resistance updates : reviews and commentaries in antimicrobial and anticancer chemotherapy*, 84, 101312.

Molè MA, et al. (2026) Modeling human embryo implantation in vitro. *Cell*, 189(1), 87.

Muppirala AN, et al. (2026) Tachykinin signaling defines distinct populations of glia in the enteric nervous system. *Neuron*.

Tomasovic LM, et al. (2026) Mapping the Geographic Distribution of Lung Transplant Centers and Smoking-Associated Diseases Across the United States. *Transplantation proceedings*.

Yang R, et al. (2026) Population structure and genome-wide association study of body conformation traits of two native goat breeds in China. *Animal bioscience*, 39(1), 250334.

Eising E, et al. (2026) De novo protein-coding gene variants in developmental stuttering. *Molecular psychiatry*, 31(1), 104.

Zych R, et al. (2026) Validation of an MRI-based classification of peroneus brevis tendon morphology: a four-type system with high inter-rater reliability. *Skeletal radiology*, 55(1), 205.

Grimwood RM, et al. (2026) A Novel Crustavirus as a Candidate Aetiology of Tail Fan Necrosis in New Zealand Red Rock Lobsters, *Jasus edwardsii*. *Journal of fish diseases*, 49(2), e70033.

Lima WS, et al. (2026) Closer to the Heart: Cardiac Muscle Aerobic Capacity Correlates With Intraspecific Variation in Sprint Performance Rather Than Androgen Levels in the Neotropical Lizard *Tropidurus catalanensis*. *Journal of experimental zoology. Part A, Ecological and integrative physiology*, 345(1), 16.

Sun B, et al. (2026) CDK1-induced regulation of p53 phosphorylation at Ser315 mediates cell cycle arrest and apoptosis of macrophages infected with clinical isolates of *Mycobacterium tuberculosis*. *Molecular medicine reports*, 33(1).

Vobošil M, et al. (2026) Thymic myeloid cells are heterogeneous and include a novel population of transitional dendritic cells. *The Journal of experimental medicine*, 223(1).