

Resource Summary Report

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PlotsOfData

RRID:SCR_018333

Type: Tool

Proper Citation

PlotsOfData (RRID:SCR_018333)

Resource Information

URL: <https://huygens.science.uva.nl/PlotsOfData/>

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Description: Web app for visualizing data together with their summaries. Visualizes data and statistics to enable comparison of experimental conditions. Written in R and uses packages including shiny, ggplot2, dplyr, tidyr, readr, magrittr, ggbeeswarm, readxl, DT. Github page of PlotsOfData can be used to trace changes between different versions.

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

Defining Citation: [PMID:30917112](#)

Keywords: Data visualization, data statistics, comparison between samples, plot, graph, data

Availability: Free, Freely available

Resource Name: PlotsOfData

Resource ID: SCR_018333

Alternate URLs: <https://github.com/JoachimGoedhart/PlotsOfData>

Record Creation Time: 20220129T080339+0000

Record Last Update: 20260801T190619+0000

Ratings and Alerts

No rating or validation information has been found for PlotsOfData.

No alerts have been found for PlotsOfData.

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 [ASWG](#) .

Mashiko D, et al. (2025) SLC35G3 is a UDP-N-acetylglucosamine transporter for sperm glycoprotein formation and underpins male fertility in mice. bioRxiv : the preprint server for biology.

de Groot BAFJ, et al. (2025) Protocol for imaging-based quantification of RNAPII clearance during transcription-coupled DNA repair. STAR protocols, 6(4), 104213.

Mashiko D, et al. (2025) SLC35G3 is a UDP-N-acetylglucosamine transporter for sperm glycoprotein formation and underpins male fertility in mice. eLife, 14.

Doron S, et al. (2025) Two opposing redox signals mediated by 2-cys peroxiredoxin shape the redox proteome during photosynthetic induction. Redox biology, 86, 103810.

Mitra R, et al. (2024) Orai-mediated calcium entry determines activity of central dopaminergic neurons by regulation of gene expression. eLife, 12.

Li Z, et al. (2024) PLASMODESMATA-LOCATED PROTEIN 6 regulates plasmodesmal function in Arabidopsis vasculature. The Plant cell, 36(9), 3543.

Keller D, et al. (2024) Non-random spatial organization of telomeres varies during the cell cycle and requires LAP2 and BAF. iScience, 27(4), 109343.

Alonso-Serra J, et al. (2024) Water fluxes pattern growth and identity in shoot meristems. Nature communications, 15(1), 6944.

Coats JT, et al. (2024) Elraglusib Induces Cytotoxicity via Direct Microtubule Destabilization Independently of GSK3 Inhibition. Cancer research communications, 4(11), 3013.

Foy R, et al. (2024) The search for CDK4/6 inhibitor biomarkers has been hampered by inappropriate proliferation assays. NPJ breast cancer, 10(1), 19.

Le VH, et al. (2024) CXCL12 promotes the crossing of retinal ganglion cell axons at the optic chiasm. Development (Cambridge, England), 151(2).

Gonzales CR, et al. (2024) Three-dimensional object geometry of mitochondria-associated signal: 3-D analysis pipeline for two-photon image stacks of cerebrovascular endothelial mitochondria. American journal of physiology. Heart and circulatory physiology, 326(5), H1291.

Zheng J, et al. (2023) Salactin, a dynamically unstable actin homolog in Haloarchaea. *mBio*, 14(6), e0227223.

Liu M, et al. (2023) Genomic and metabolic insights into the first host-associated isolate of *Psychrilyobacter*. *Microbiology spectrum*, 11(5), e0399022.

Kairouani A, et al. (2023) Cell-type-specific control of secondary cell wall formation by Musashi-type translational regulators in *Arabidopsis*. *eLife*, 12.

Corno A, et al. (2023) A bifunctional kinase-phosphatase module balances mitotic checkpoint strength and kinetochore-microtubule attachment stability. *The EMBO journal*, 42(20), e112630.

Van Heesbeen HJ, et al. (2023) Neuronal Dot1l Activity Acts as a Mitochondrial Gene-Repressor Associated with Human Brain Aging via H3K79 Hypermethylation. *International journal of molecular sciences*, 24(2).

Takahashi G, et al. (2023) Control of stem cell behavior by CLE-JINGASA signaling in the shoot apical meristem in *Marchantia polymorpha*. *Current biology : CB*, 33(23), 5121.

Acke A, et al. (2022) Expansion microscopy allows high resolution single cell analysis of epigenetic readers. *Nucleic acids research*, 50(17), e100.

Sanchez PGL, et al. (2022) Arnold tongue entrainment reveals dynamical principles of the embryonic segmentation clock. *eLife*, 11.