

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: analysis service resource, data access protocol, production service resource, web service, service resource, software resource, data analysis 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: 20260811T043615+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 43 mentions in open access literature.

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

Cohen T, et al. (2026) Visualizing malignant progression: in situ CD109-based spatial immunofluorescence assay delineates papillary to anaplastic thyroid carcinoma transformation within the tumor microenvironment. *Scientific reports*, 16(1).

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.

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*.

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

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

Qi G, et al. (2025) FOXP2-immunoreactive corticothalamic neurons in neocortical layers 6a and 6b are tightly regulated by neuromodulatory systems. *iScience*, 28(1), 111646.

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

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

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.

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.

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.

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

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).

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

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

Febrimarsa , et al. (2023) Randomly incorporated genomic N6-methyldeoxyadenosine delays zygotic transcription initiation in a cnidarian. The EMBO journal, 42(15), e112934.

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.

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