Resource Summary Report

Generated by <u>NIF</u> on May 25, 2025

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

Defining Citation: PMID:30917112

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

Funding:

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: 20250525T031548+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 30 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

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.

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.

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

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.

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

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

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).

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.

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.

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

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

Zhang F, et al. (2021) Natural genetic variation drives microbiome selection in the Caenorhabditis elegans gut. Current biology : CB, 31(12), 2603.

Li Z, et al. (2021) Plasmodesmata-Dependent Intercellular Movement of Bacterial Effectors. Frontiers in plant science, 12, 640277.

Doron S, et al. (2021) SPEAR: A proteomics approach for simultaneous protein expression and redox analysis. Free radical biology & medicine, 176, 366.

Takeda K, et al. (2021) Mitochondrial ubiquitin ligase alleviates Alzheimer's disease pathology via blocking the toxic amyloid-? oligomer generation. Communications biology, 4(1), 192.