

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 13, 2025

## PlotsOfData

RRID:SCR\_018333

Type: Tool

### Proper Citation

PlotsOfData (RRID:SCR\_018333)

### Resource Information

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

**Proper Citation:** PlotsOfData (RRID:SCR\_018333)

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

**Defining Citation:** [PMID:30917112](https://pubmed.ncbi.nlm.nih.gov/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:** 20250412T060230+0000

## Ratings and Alerts

No rating or validation information has been found for PlotsOfData.

No alerts have been found for PlotsOfData.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 30 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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.

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

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.

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.

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- $\beta$  oligomer generation. *Communications biology*, 4(1), 192.