

Resource Summary Report

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BoxPlotR

RRID:SCR_015629

Type: Tool

Proper Citation

BoxPlotR (RRID:SCR_015629)

Resource Information

URL: <http://shiny.chemgrid.org/boxplotr/>

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Description: Web tool written in R for generation of box plots with R packages shiny, beanplot4, vioplot, beeswarm and RColorBrewer, and hosted on shiny server to allow for interactive data analysis. Data are held temporarily and discarded as soon as session terminates. Represents both summary statistics and distribution of primary data. Enables visualization of minimum, lower quartile, median, upper quartile and maximum of any data set. Data matrix can be uploaded as file or pasted into application. May be downloaded to run locally or as virtual machine for VMware and VirtualBox.

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

Defining Citation: [PMID:24481215](#)

Keywords: Box plot generation, customized box plot, data, plot, analysis

Funding: Wellcome Trust ;
WTCCB ;
ERC ;
Genome Québec International Recruitment Award

Availability: Free, Available for download, Freely available

Resource Name: BoxPlotR

Resource ID: SCR_015629

Alternate IDs: SCR_018327

Alternate URLs: <https://github.com/VizWizard/BoxPlotR.shiny>

Record Creation Time: 20220129T080326+0000

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Ratings and Alerts

No rating or validation information has been found for BoxPlotR.

No alerts have been found for BoxPlotR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 370 mentions in open access literature.

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

Lorenz P, et al. (2026) Patients Suffering From Post-COVID-19 Syndrome Feature Enhanced Antibody Reactivity Towards Specific Linear Epitopes Within EBV EBNA1. Scandinavian journal of immunology, 103(1), e70088.

Weigel C, et al. (2026) Epigenetic activation of EBV BGLF4 determines antiviral-based regimen response in EBV+CNS lymphoproliferative disease. Blood neoplasia, 3(2), 100200.

Dan Z, et al. (2026) Additive and Partially Dominant Effects from Genomic Variation Contribute to Rice Heterosis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(20), e23376.

Terburgh K, et al. (2026) Energy Metabolism Under Stress: Late-Stage Leigh Syndrome Reveals Profound Cardiometabolic Perturbations in Ndufs4 KO Mice. Journal of inherited metabolic disease, 49(1), e70142.

Müller M, et al. (2026) Yeast elongation factor homolog New1 protects a subset of mRNAs from degradation by no-go decay. Nucleic acids research, 54(3).

Tan YL, et al. (2026) Endogenous cathelicidin protects against Toxoplasma gondii-associated liver damage. Infection and immunity, 94(5), e0070825.

Matsui S, et al. (2026) Negative feedback regulation of alcohol ingestion through the FGF21-PVH oxytocin-VTA dopamine system. Proceedings of the National Academy of Sciences of the United States of America, 123(3), e2525172122.

Kořová H, et al. (2025) The fate and function of the Arabidopsis Class I formin AtFH1 during central vacuole biogenesis in the rhizodermis. Frontiers in plant science, 16, 1685260.

Poormassalehgoo A, et al. (2025) Optimization of selection agent concentrations and expanding G418 utility for gentamicin resistance in *Marchantia polymorpha*. *Scientific reports*, 15(1), 26836.

Tissera K, et al. (2025) Expansion of *cagA* Copy Number in *Helicobacter pylori* During Co-Infection in a Mouse Model. *Helicobacter*, 30(6), e70091.

Terburgh K, et al. (2025) Hepatic bioenergetics and metabolism in mitochondrial disease: insights from the *Ndufs4* KO mouse model. *Metabolomics : Official journal of the Metabolomic Society*, 21(4), 76.

McCole R, et al. (2025) A conserved switch to less catalytically active Polycomb repressive complexes in non-dividing cells. *Cell reports*, 44(1), 115192.

Jeyaram K, et al. (2025) Fermented foods affect the seasonal stability of gut bacteria in an Indian rural population. *Nature communications*, 16(1), 771.

László Z, et al. (2025) Multiple Co-Infecting Caliciviruses in Oral Fluid and Enteric Samples of Swine Detected by a Novel RT-qPCR Assay and a 3'RACE-PCR-NGS Method. *Viruses*, 17(2).

Jinno C, et al. (2025) Absciscic acid signaling regulates primary plasmodesmata density for plant cell-to-cell communication. *Science advances*, 11(19), eadr8298.

Mou W, et al. (2025) Ethylene-independent modulation of root development by ACC via downregulation of *WOX5* and group I CLE peptide expression. *Proceedings of the National Academy of Sciences of the United States of America*, 122(6), e2417735122.

Xue LJ, et al. (2025) Overexpression of plasma membrane *SUT1* in poplar alters lateral sucrose partitioning in stem and promotes leaf necrosis. *Plant direct*, 9(3), e70023.

Pi HW, et al. (2025) Nitrogen-fixing microbes gain genes in diverse types of living environments. *Proceedings of the National Academy of Sciences of the United States of America*, 122(48), e2523106122.

Kumar R, et al. (2025) Decapping activators *Edc3* and *Scd6* act redundantly with *Dhh1* in post-transcriptional repression of starvation-induced pathways. *eLife*, 13.

Bouatta AM, et al. (2025) Polarized subcellular activation of Rho proteins by specific ROPGEFs drives pollen germination in *Arabidopsis thaliana*. *PLoS biology*, 23(4), e3003139.