

Resource Summary Report

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[vioplot](#)

RRID:SCR_019293

Type: Tool

Proper Citation

vioplot (RRID:SCR_019293)

Resource Information

URL: <https://CRAN.R-project.org/package=vioplot>

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Description: Software R package for extensive customization of violin plots. Violin plot is combination of box plot and kernel density plot.

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

Keywords: violin plots, box plot, kernel density plot

Availability: Free, Available for download, Freely available

Resource Name: vioplot

Resource ID: SCR_019293

Alternate URLs: <http://shiny.chemgrid.org/boxplotr/>,
<https://github.com/TomKellyGenetics/vioplot>

License: BSD 3 clause + file LICENSE

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260805T044432+0000

Ratings and Alerts

No rating or validation information has been found for vioplot.

No alerts have been found for vioplot.

Data and Source Information

Usage and Citation Metrics

We found 50 mentions in open access literature.

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

Guiraud A, et al. (2025) SH3KBP1 promotes skeletal myofiber formation and functionality through ER/SR architecture integrity. EMBO reports, 26(8), 2166.

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.

Lobo D, et al. (2025) Ancient dog introgression into the Iberian wolf genome may have facilitated adaptation to human-dominated landscapes. Genome research, 35(3), 432.

Caldwell BA, et al. (2025) Ticam2 ablation facilitates monocyte exhaustion recovery after sepsis. Scientific reports, 15(1), 2059.

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

Wang Z, et al. (2025) Pan-cancer analysis reveals the potential role of DHCR24 in bladder cancer via interactions with HRAS to facilitate cholesterol synthesis. Oncology letters, 30(2), 385.

Westman ME, et al. (2025) Antibody responses to feline leukaemia vaccination: exploring the effect of sex, boosting schedule, site of administration and vaccine type. Journal of feline medicine and surgery, 27(9), 1098612X251353080.

Aceves-Zamora ML, et al. (2025) Population dynamics of ammonium oxidizing and heterotrophic bacteria in a nitrifying consortium fed with ammonium and benzotriazole. World journal of microbiology & biotechnology, 41(10), 398.

Low J, et al. (2025) Heat-induced phosphatidylserine changes drive HSPA1A's plasma membrane localization. Cell stress & chaperones, 30(5), 100092.

Huang R, et al. (2025) Comparative single-cell transcriptomic profiling of patient-derived renal carcinoma cells in cellular and animal models of kidney cancer. FEBS open bio, 15(7), 1124.

Magazova A, et al. (2025) Circulating microRNAs demonstrate limited diagnostic potential for diabetic retinopathy in the population of Kazakhstan. PeerJ, 13, e19259.

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.

Abdoli Z, et al. (2025) A novel colorimetric DNA sensor for rapid detection of feline panleukopenia virus using ZnFe₂O₄ nanoparticles and TMB modulation. Scientific reports,

15(1), 36031.

Knabl P, et al. (2025) A whole-body atlas of BMP signaling activity in an adult sea anemone. *BMC biology*, 23(1), 49.

Nousias O, et al. (2025) Shotgun sequencing of airborne eDNA achieves rapid assessment of whole biomes, population genetics and genomic variation. *Nature ecology & evolution*, 9(6), 1043.

Chaguza C, et al. (2025) The capsule and genetic background, rather than specific individual loci, strongly influence in vitro pneumococcal growth kinetics. *eLife*, 14.

Mukherjee R, et al. (2025) Serine ubiquitination of SQSTM1 regulates NFE2L2-dependent redox homeostasis. *Autophagy*, 21(2), 407.

Arce A, et al. (2025) Heat shock-induced PI(4)P increase drives HSPA1A translocation to the plasma membrane in cancer and stressed cells through PI4KIII alpha activation. *Cell stress & chaperones*, 31(1), 100130.

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

Rodrigues Lopes I, et al. (2025) Systematic identification of bacterial factors driving *Staphylococcus aureus* intracellular lifestyle in non-professional phagocytes. *Nature communications*, 16(1), 10907.