

Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

gviz

RRID:SCR_024239

Type: Tool

Proper Citation

gviz (RRID:SCR_024239)

Resource Information

URL: <https://bioconductor.org/packages/Gviz/>

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Description: Software R package to perform live annotation queries to Ensembl and UCSC and translates this to e.g. gene/transcript structures in viewports of the grid graphics package.

Resource Type: software resource, software toolkit

Keywords: genomic data analyses, perform live annotation queries,

Availability: Free, Available for download, Freely available,

Resource Name: gviz

Resource ID: SCR_024239

Alternate IDs: OMICS_17191

Alternate URLs: <https://sources.debian.org/src/r-bioc-gviz/>

Record Creation Time: 20230830T050216+0000

Record Last Update: 20260725T191108+0000

Ratings and Alerts

No rating or validation information has been found for gviz.

No alerts have been found for gviz.

Data and Source Information

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Chteinberg E, et al. (2025) The significance of PAX5 in Merkel cell carcinoma. *The Journal of pathology*, 266(1), 81.

Brandt DY, et al. (2025) Signatures of natural selection may indicate a genetic basis for the beneficial effects of oily fish intake in indigenous people from coastal Ecuador. *G3 (Bethesda, Md.)*, 15(4).

Albuquerque-Wendt A, et al. (2025) TransLeish: Identification of membrane transporters essential for survival of intracellular Leishmania parasites in a systematic gene deletion screen. *Nature communications*, 16(1), 299.

Volkening JD, et al. (2025) A functional interleukin-4 homolog is encoded in the genome of infectious laryngotracheitis virus: Unveiling a novel virulence factor. *PLoS pathogens*, 21(7), e1013219.

Pérez MJ, et al. (2025) Rewriting nuclear epigenetic scripts in mitochondrial diseases as a strategy for heteroplasmy control. *EMBO molecular medicine*, 17(9), 2354.

Mejia-Trujillo R, et al. (2025) RNA Pol I activity maintains chromatin condensation and the H3K4me3 gradient essential for oogenesis, independent of ribosome production. *bioRxiv : the preprint server for biology*.

D'Ignazio L, et al. (2025) A hexamer tandem repeat RNA embedded within an SVA retrotransposon drives R-loop formation and neurodegeneration. *Cell reports*, 44(7), 115812.

Gao Y, et al. (2025) Multimodal analyses reveal genes driving electrophysiological maturation of neurons in the primate prefrontal cortex. *Neuron*, 113(15), 2490.

Smith JD, et al. (2025) Genomic Signatures of Poor Prognosis in Merkel Cell Carcinoma: A Single-Institution Prospective Study. *Molecular cancer research : MCR*.

Linnerbauer M, et al. (2024) The astrocyte-produced growth factor HB-EGF limits autoimmune CNS pathology. *Nature immunology*, 25(3), 432.

Pliota P, et al. (2024) Selfish conflict underlies RNA-mediated parent-of-origin effects. *Nature*, 628(8006), 122.

Minto MS, et al. (2024) Genome binding properties of Zic transcription factors underlie their changing functions during neuronal maturation. *BMC biology*, 22(1), 189.

Minto M, et al. (2024) Genome binding properties of Zic transcription factors underlie their changing functions during neuronal maturation. *bioRxiv : the preprint server for biology*.

Grand RS, et al. (2024) Genome access is transcription factor-specific and defined by nucleosome position. *Molecular cell*, 84(18), 3455.

Irengue LM, et al. (2024) Genomic evolution and rearrangement of CTX-? prophage elements in *Vibrio cholerae* during the 2018-2024 cholera outbreaks in eastern Democratic Republic of the Congo. *Emerging microbes & infections*, 13(1), 2399950.

Tonelli A, et al. (2024) Protocol for detecting genomic insulators in *Drosophila* using insulator-seq, a massively parallel reporter assay. *STAR protocols*, 5(4), 103391.

Baquero DP, et al. (2024) Stable coexistence between an archaeal virus and the dominant methanogen of the human gut. *Nature communications*, 15(1), 7702.

Kalomoiri M, et al. (2023) Simultaneous detection of DNA variation and methylation at HLA class II locus and immune gene promoters using targeted SureSelect Methyl-Sequencing. *Frontiers in immunology*, 14, 1251772.

Tian R, et al. (2023) HPV integration generates a cellular super-enhancer which functions as ecDNA to regulate genome-wide transcription. *Nucleic acids research*, 51(9), 4237.

Spisak S, et al. (2023) A biallelic multiple nucleotide length polymorphism explains functional causality at 5p15.33 prostate cancer risk locus. *Nature communications*, 14(1), 5118.