

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

[karyoploteR](#)

RRID:SCR_021824

Type: Tool

Proper Citation

karyoploteR (RRID:SCR_021824)

Resource Information

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

Proper Citation: karyoploteR (RRID:SCR_021824)

Description: Software R package used to karyoplots. Bioconductor package to plot customizable genomes displaying arbitrary data.

Resource Type: software toolkit, software resource

Defining Citation: [PMID:28575171](#)

Keywords: Plot arbitrary data along genome, plot data, arbitrary data, customizable genomes

Funding: Spanish Ministry of Science and Innovation ;
Government of Catalonia ;
Spanish Association Against Cancer

Availability: Free, Available for download, Freely available

Resource Name: karyoploteR

Resource ID: SCR_021824

Alternate URLs: <https://github.com/bernatgel/karyoploteR>

License: Artistic-2.0

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260810T040743+0000

Ratings and Alerts

No rating or validation information has been found for karyoploteR.

No alerts have been found for karyoploteR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Dor?? G, et al. (2026) First draft genome of the decaploid species, *Ludwigia grandiflora* subsp. *hexapetala*, validated through gene expression. *GigaByte* (Hong Kong, China), 2026, gigabyte176.

Chorsi MS, et al. (2026) Generation of induced pluripotent stem cell lines from patients with Emery-Dreifuss muscular dystrophy. *Stem cell research*, 91, 103926.

Bassiouni R, et al. (2026) Integrated Single-Cell Whole-Genome Sequencing and Spatial Transcriptomics Reveal Intratumoral Heterogeneity in Ovarian Cancer. *Cancer research communications*, 6(5), 1020.

Meharwade T, et al. (2026) Generation of two induced pluripotent stem cell lines from female patients harboring MYH7 mutations with hypertrophic cardiomyopathy. *Stem cell research*, 94, 103979.

Volpe E, et al. (2025) The reference genome of the human diploid cell line RPE-1. *Nature communications*, 16(1), 7751.

Shafer AM, et al. (2025) Immunocompetent Murine Models Recapitulate the Heterogeneous Tumor-Immune Microenvironment of Human Liposarcoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(23), 5078.

Corda L, et al. (2025) Cell line-matched reference enables high-precision functional genomics. *Nature communications*, 16(1), 11194.

Benfatto S, et al. (2025) Explainable artificial intelligence of DNA methylation-based brain tumor diagnostics. *Nature communications*, 16(1), 1787.

Tan R, et al. (2025) Generation of two induced pluripotent stem cell lines from dilated cardiomyopathy patients harbouring TTN mutations. *Stem cell research*, 88, 103834.

Webb MG, et al. (2025) Resolving spatial subclonal genomic heterogeneity of loss of heterozygosity and extrachromosomal DNA in gliomas. *Nature communications*, 16(1), 5290.

Sethi SC, et al. (2025) Chromatin remodeling activity of EP400 safeguards chromosomal stability by preventing CENP-A mislocalization. *Cell reports*, 44(11), 116423.

Dai Y, et al. (2024) Generation of two induced pluripotent stem cell lines from patients with Williams syndrome. *Stem cell research*, 78, 103460.

Lu Y, et al. (2024) Pangenome Data Analysis Reveals Characteristics of Resistance Gene Analogs Associated with *Sclerotinia sclerotiorum* Resistance in Sunflower. *Life (Basel, Switzerland)*, 14(10).

Glenn RA, et al. (2024) A PLURIPOTENT STEM CELL PLATFORM FOR IN VITRO SYSTEMS GENETICS STUDIES OF MOUSE DEVELOPMENT. *bioRxiv : the preprint server for biology*.

Plitt G, et al. (2024) The Genomic Landscape of Benign and Malignant Thyroid Tumors from Individuals Carrying Germline PTEN Variants Is Distinct from Sporadic Thyroid Cancers. *Cancer research*, 84(21), 3657.

Harris RJ, et al. (2023) Release of Histone H3K4-reading transcription factors from chromosomes in mitosis is independent of adjacent H3 phosphorylation. *Nature communications*, 14(1), 7243.

Volpe E, et al. (2023) The complete diploid reference genome of RPE-1 identifies human phased epigenetic landscapes. *bioRxiv : the preprint server for biology*.

Kumar S, et al. (2023) Evolution of Resistance to Irinotecan in Cancer Cells Involves Generation of Topoisomerase-Guided Mutations in Non-Coding Genome That Reduce the Chances of DNA Breaks. *International journal of molecular sciences*, 24(10).

Sentis G, et al. (2023) A network-based approach reveals long non-coding RNAs associated with disease activity in lupus nephritis: key pathways for flare and potential biomarkers to be used as liquid biopsies. *Frontiers in immunology*, 14, 1203848.

Chen SH, et al. (2022) A high-quality pseudo-phased genome for *Melaleuca quinquenervia* shows allelic diversity of NLR-type resistance genes. *GigaScience*, 12.