

Resource Summary Report

Generated by [ASWG](#) on Aug 18, 2026

[bsgenome](#)

RRID:SCR_024230

Type: Tool

Proper Citation

bsgenome (RRID:SCR_024230)

Resource Information

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

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Description: Software R package provides infrastructure shared by all the Biostrings-based genome data packages.

Resource Type: software toolkit, software resource

Keywords: infrastructure shared, Biostrings-based genome data packages,

Availability: Free, Available for download, Freely available,

Resource Name: bsgenome

Resource ID: SCR_024230

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

Record Creation Time: 20230830T050216+0000

Record Last Update: 20260815T182812+0000

Ratings and Alerts

No rating or validation information has been found for bsgenome.

No alerts have been found for bsgenome.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Nguyen TDT, et al. (2026) Pan-Cancer Single-Cell RNA Sequencing Analysis Refines Multi-Origin Monocyte and Macrophage Lineages. *Cancer immunology research*, 14(2), 350.

Huffman BM, et al. (2026) A Phase II Trial of Niraparib in Patients with Advanced Pancreatic Cancer Harboring Pathogenic Variants in ATM, BRCA1, BRCA2, PALB2, and CHEK2. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(9), 1666.

Mars JC, et al. (2025) Nuclear RNA cap-chaperones eIF4E and NCBP2 govern distinct fates for 1000s of mRNAs uncovering an unexpected regulatory point in gene expression. *bioRxiv : the preprint server for biology*.

Zheng Y, et al. (2025) Aberrant homeodomain-DNA cooperative dimerization underlies distinct developmental defects in two dominant CRX retinopathy models. *Genome research*, 35(2), 242.

Das G, et al. (2025) LncPTPred: predicting lncRNA-protein interaction based on crosslinking and immunoprecipitation (CLIP-Seq) data. *Briefings in bioinformatics*, 26(4).

Ahrend F, et al. (2025) Protocol for assembling, prioritizing, and characterizing piRNA clusters using the piRNA Cluster Builder. *STAR protocols*, 6(2), 103759.

Ver Heul AM, et al. (2025) RAG suppresses group 2 innate lymphoid cells. *eLife*, 13.

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.

Subramani PG, et al. (2024) Conserved role of hnRNPL in alternative splicing of epigenetic modifiers enables B cell activation. *EMBO reports*, 25(6), 2662.

Chua EW, et al. (2024) A concise guide to essential R packages for analyses of DNA, RNA, and proteins. *Molecules and cells*, 47(11), 100120.

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.

Li J, et al. (2023) Genome instability footprint under rapamycin and hydroxyurea treatments. *PLoS genetics*, 19(11), e1011012.

Lu Z, et al. (2021) TSSr: an R package for comprehensive analyses of TSS sequencing data. *NAR genomics and bioinformatics*, 3(4), lqab108.