

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 16, 2026

BigWig and BigBed

RRID:SCR_007708

Type: Tool

Proper Citation

BigWig and BigBed (RRID:SCR_007708)

Resource Information

URL: http://hgdownload.cse.ucsc.edu/admin/exe/linux.x86_64/

Proper Citation: BigWig and BigBed (RRID:SCR_007708)

Description: Allow the high-performance display of next-generation sequencing experiment results in the UCSC Genome Browser.

Abbreviations: BigWig and BigBed

Resource Type: software resource

Resource Name: BigWig and BigBed

Resource ID: SCR_007708

Alternate IDs: OMICS_00626

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260815T182338+0000

Ratings and Alerts

No rating or validation information has been found for BigWig and BigBed.

No alerts have been found for BigWig and BigBed.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Thienger P, et al. (2026) A Double-Negative Prostate Cancer Subtype Is Vulnerable to SWI/SNF-Targeting Degradable Molecules. *Cancer research*, 86(7), 1570.

Rodriguez-Carballo E, et al. (2026) OCT4 enhances the firing efficiency of late DNA replication origins in mouse embryonic stem cells. *Nature communications*, 17(1), 1686.

Hehl M, et al. (2026) Exonuclease ISG20 inhibits human cytomegalovirus replication by inducing an innate immune defense signature. *PLoS pathogens*, 22(1), e1013856.

Kempynck N, et al. (2026) CREsted: modeling genomic and synthetic cell-type-specific enhancers across tissues and species. *Nature methods*, 23(5), 946.

Roginski P, et al. (2026) Impact of GC content on de novo gene birth. *Nature communications*, 17(1), 1268.

Yang Y, et al. (2026) Targeting Wnt/ β -catenin and circadian regulator restores PRC2/EZH2-controlled chromatin bivalency and suppresses cell state diversity. *The Journal of clinical investigation*, 136(9).

Friske JD, et al. (2026) A Conserved Enhancer Locus in Extrachromosomal DNA and Homogeneously Staining Regions Activates MYC Transcription in Group 3 Medulloblastoma. *Cancer research*, 86(13), 3160.

Han AL, et al. (2025) Estradiol (E2) concentration shapes the chromatin binding landscape of estrogen receptor alpha. *The Journal of biological chemistry*, 301(7), 108499.

Huang C, et al. (2025) A comparative genomic analysis at the chromosomal-level reveals evolutionary patterns of aphid chromosomes. *Communications biology*, 8(1), 427.

O'Dwyer MR, et al. (2025) Nucleosome fibre topology guides transcription factor binding to enhancers. *Nature*, 638(8049), 251.

López A, et al. (2025) Evaluating restriction enzyme selection for reduced representation sequencing in conservation genomics. *Molecular ecology resources*, 25(5), e13865.

Jia Z, et al. (2025) Protocol to perform assay for chromatin-bound condensates by exploratory sequencing in mouse embryonic stem cells. *STAR protocols*, 6(3), 104067.

Lu Y, et al. (2025) Functional Genetic Screens Reveal Key Pathways Instructing the Molecular Phenotypes of Tumor-Associated Macrophages. *Cancer immunology research*, 13(12), 2054.

Cummins M, et al. (2024) The Evolution of Ultraconserved Elements in Vertebrates. *Molecular biology and evolution*, 41(7).

Stutzman AV, et al. (2024) Heterochromatic 3D genome organization is directed by HP1a- and H3K9-dependent and independent mechanisms. *Molecular cell*, 84(11), 2017.

Cao K, et al. (2023) Integrated workflow for discovery of microprotein-coding small open reading frames. STAR protocols, 4(4), 102649.

Mau C, et al. (2023) How enhancers regulate wavelike gene expression patterns. eLife, 12.

Zou H, et al. (2023) Natural compounds ursolic acid and digoxin exhibit inhibitory activities to cancer cells in ROR γ -dependent and -independent manner. Frontiers in pharmacology, 14, 1146741.

Zou H, et al. (2022) Nuclear receptor ROR γ inverse agonists/antagonists display tissue- and gene-context selectivity through distinct activities in altering chromatin accessibility and master regulator SREBP2 occupancy. Pharmacological research, 182, 106324.

Almeida A, et al. (2022) Urinary extracellular vesicles contain mature transcriptome enriched in circular and long noncoding RNAs with functional significance in prostate cancer. Journal of extracellular vesicles, 11(5), e12210.