

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

bedGraphToBigWig

RRID:SCR_028439

Type: Tool

Proper Citation

bedGraphToBigWig (RRID:SCR_028439)

Resource Information

URL: <https://genome.ucsc.edu/goldenpath/help/bigWig.html>

Proper Citation: bedGraphToBigWig (RRID:SCR_028439)

Description: Command-line utility provided by the UCSC Genome Browser to convert text-based bedGraph files into indexed binary bigWig files. It is specifically used in bioinformatics to transform dense, continuous genome coverage data into a format that enables fast visualization and remote viewing in genome browsers like IGV or the UCSC Genome Browser.

Resource Type: software application, software resource

Defining Citation: [DOI:10.1093/bioinformatics/btq351](https://doi.org/10.1093/bioinformatics/btq351)

Keywords: Convert bedGraph file to bigWig format, convert text-based bedGraph files, indexed binary bigWig files, transform genome coverage data,

Availability: Free, Freely available,

Resource Name: bedGraphToBigWig

Resource ID: SCR_028439

Record Creation Time: 20260514T062433+0000

Record Last Update: 20260912T200551+0000

Ratings and Alerts

No rating or validation information has been found for bedGraphToBigWig.

No alerts have been found for bedGraphToBigWig.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Dong YP, et al. (2026) Early replication fragile sites are associated with cancer-related CNVs and SNVs in human embryonic stem cells. Stem cell reports, 21(7), 102968.

Coronado-Zamora M, et al. (2025) The epigenetics effects of transposable elements are genomic context dependent and not restricted to gene silencing in Drosophila. Genome biology, 26(1), 251.

Sano N, et al. (2022) Chromatin dynamics associated with seed desiccation tolerance/sensitivity at early germination in Medicago truncatula. Frontiers in plant science, 13, 1059493.