

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 12, 2026

## BALLView

RRID:SCR\_015986

Type: Tool

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### Proper Citation

BALLView (RRID:SCR\_015986)

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### Resource Information

**URL:** <http://www.ball-project.org/ballview>

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**Description:** Software for molecular visualization and modeling. It provides fast OpenGL-based visualization of molecular structures, molecular mechanics methods (minimization, MD simulation using the AMBER, CHARMM, and MMFF94 force fields), calculation and visualization of electrostatic properties (FDPB) and molecular editing features.

**Synonyms:** BALL:Biochemical Algorithms Library, Biochemical Algorithms Library

**Resource Type:** data processing software, data visualization software, simulation software, software application, software resource, standalone software

**Defining Citation:** [PMID:16332707](#), [DOI:10.1093/bioinformatics/bti818](#)

**Keywords:** molecular, modeling, visualization, application, computation, algorithm, library, bioinformatics

**Funding:** Deutsche Forschungsgemeinschaft BIZ 1/1-3;  
BIZ 4/1-1 and LE 952/2-3

**Availability:** Free, Freely available, Free for download, Runs on Mac OS, Runs on Windows

**Resource Name:** BALLView

**Resource ID:** SCR\_015986

**Alternate IDs:** OMICS\_05049

**Alternate URLs:** <https://github.com/BALL-Project/ball/wiki/Tutorials>,  
<https://sources.debian.org/src/bamtools/>

**License:** GNU Public License

**Record Creation Time:** 20220129T080328+0000

**Record Last Update:** 20260912T195833+0000

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## Ratings and Alerts

No rating or validation information has been found for BALLView.

No alerts have been found for BALLView.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Shaw J, et al. (2020) Rationally derived inhibitors of hepatitis C virus (HCV) p7 channel activity reveal prospect for bimodal antiviral therapy. eLife, 9.

Widowati EW, et al. (2018) Functional characterization of DYRK1A missense variants associated with a syndromic form of intellectual deficiency and autism. Biology open, 7(4).

Peveling-Oberhag J, et al. (2015) Whole exome sequencing of microdissected splenic marginal zone lymphoma: a study to discover novel tumor-specific mutations. BMC cancer, 15, 773.

Mueller SC, et al. (2015) BALL-SNP: combining genetic and structural information to identify candidate non-synonymous single nucleotide polymorphisms. Genome medicine, 7(1), 65.