

# Resource Summary Report

Generated by [NIF](#) on Apr 9, 2025

## Integrative Genomics Viewer

RRID:SCR\_011793

Type: Tool

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### Proper Citation

Integrative Genomics Viewer (RRID:SCR\_011793)

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### Resource Information

**URL:** <http://www.broadinstitute.org/igv/>

**Proper Citation:** Integrative Genomics Viewer (RRID:SCR\_011793)

**Description:** A high-performance visualization tool for interactive exploration of large, integrated genomic datasets.

**Abbreviations:** IGV

**Resource Type:** software resource

**Defining Citation:** [DOI:10.1038/nbt.1754](https://doi.org/10.1038/nbt.1754)

**Keywords:** genomic datasets exploration

**Funding:**

**Resource Name:** Integrative Genomics Viewer

**Resource ID:** SCR\_011793

**Alternate IDs:** OMICS\_00917, biotools:igv

**Alternate URLs:** <https://bio.tools/igv>, <https://sources.debian.org/src/igv/>

**Record Creation Time:** 20220129T080306+0000

**Record Last Update:** 20250214T183158+0000

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### Ratings and Alerts

No rating or validation information has been found for Integrative Genomics Viewer.

No alerts have been found for Integrative Genomics Viewer.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 726 mentions in open access literature.

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

De Paolis V, et al. (2025) An antisense-long-noncoding-RNA modulates p75NTR expression levels during neuronal polarization. *iScience*, 28(1), 111566.

Sasaki M, et al. (2025) Efficacy of CBP/p300 Dual Inhibitors against Derepression of KREMEN2 in cBAF-Deficient Cancers. *Cancer research communications*, 5(1), 24.

Nshanian M, et al. (2025) Short-chain fatty acid metabolites propionate and butyrate are unique epigenetic regulatory elements linking diet, metabolism and gene expression. *Nature metabolism*, 7(1), 196.

Hariprakash JM, et al. (2024) Leveraging Tissue-Specific Enhancer-Target Gene Regulatory Networks Identifies Enhancer Somatic Mutations That Functionally Impact Lung Cancer. *Cancer research*, 84(1), 133.

Oh J, et al. (2024) Swd2/Cps35 determines H3K4 tri-methylation via interactions with Set1 and Rad6. *BMC biology*, 22(1), 105.

González-Medina A, et al. (2024) Clinical Value of Liquid Biopsy in Patients with FGFR2 Fusion-Positive Cholangiocarcinoma During Targeted Therapy. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(19), 4491.

Fournier M, et al. (2024) Reciprocal inhibition of NOTCH and SOX2 shapes tumor cell plasticity and therapeutic escape in triple-negative breast cancer. *EMBO molecular medicine*, 16(12), 3184.

Hong NE, et al. (2024) Nanoparticle-based itaconate treatment recapitulates low-cholesterol/low-fat diet-induced atherosclerotic plaque resolution. *Cell reports*, 43(11), 114911.

Kiebowicz-Matuk A, et al. (2024) Heat stress causes chromatin accessibility and related gene expression changes in crown tissues of barley (*Hordeum vulgare*). *Plant molecular biology*, 114(6), 115.

Kjeldsen MK, et al. (2024) Beyond HRD Status: Unraveling Genetic Variants Impacting PARP Inhibitor Sensitivity in Advanced Ovarian Cancer. *Cancer research communications*, 4(12), 3190.

Peng D, et al. (2024) The telomere-to-telomere (T2T) genome provides insights into the evolution of specialized centromere sequences in sandalwood. *GigaScience*, 13.

Tang R, et al. (2024) The FvABF3-FvALKBH10B-FvSEP3 cascade regulates fruit ripening in strawberry. *Nature communications*, 15(1), 10912.

Liksitwatanakul P, et al. (2024) Chemical perturbations impacting histone acetylation govern colorectal cancer differentiation. *bioRxiv : the preprint server for biology*.

Booms A, et al. (2024) Parkinson's disease risk enhancers in microglia. *iScience*, 27(2), 108921.

Wong D, et al. (2024) Early Cancer Detection in Li-Fraumeni Syndrome with Cell-Free DNA. *Cancer discovery*, 14(1), 104.

Zhao H, et al. (2024) Pluripotency state transition of embryonic stem cells requires the turnover of histone chaperone FACT on chromatin. *iScience*, 27(1), 108537.

Nebenführ M, et al. (2024) High-speed whole-genome sequencing of a Whippet: Rapid chromosome-level assembly and annotation of an extremely fast dog's genome. *GigaByte (Hong Kong, China)*, 2024, gigabyte134.

Dassanayake RP, et al. (2024) Antiviral activity of bovine type III interferon against bovine viral diarrhoea virus is greatly reduced in bovine turbinate cells due to limited expression of IFN lambda receptor 1 (IL-28R?). *Frontiers in immunology*, 15, 1441908.

Izydorczyk MB, et al. (2024) Single cell long read whole genome sequencing reveals somatic transposon activity in human brain. *medRxiv : the preprint server for health sciences*.

Mustafa EH, et al. (2024) Selective inhibition of CDK9 in triple negative breast cancer. *Oncogene*, 43(3), 202.