

Resource Summary Report

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Integrative Genomics Viewer

RRID:SCR_011793

Type: Tool

Proper Citation

Integrative Genomics Viewer (RRID:SCR_011793)

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,

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: 20260801T190430+0000

Ratings and Alerts

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

No alerts have been found for Integrative Genomics Viewer.

Data and Source Information

Usage and Citation Metrics

We found 809 mentions in open access literature.

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

Matchett CL, et al. (2026) Discovery and Validation of Molecular Biomarkers for Differentiation of Nondysplastic Barrett's Esophagus from High-grade Dysplasia and Esophageal Adenocarcinoma. Cancer prevention research (Philadelphia, Pa.), 19(1), 49.

Yuan F, et al. (2026) Glioblastoma stem cells resist cuproptosis with circadian variation of copper levels. The Journal of clinical investigation, 136(1).

Nitsch S, et al. (2026) H4K16 acylations destabilize chromatin architecture and facilitate transcriptional response during metabolic perturbations. Molecular cell, 86(1), 24.

Barajas JM, et al. (2026) Tandem Duplications in UBTF Create XPO1-Dependent Nuclear Export Signals that Reveal a Leukemic Therapeutic Dependency. Blood cancer discovery, 7(1), 51.

Xu Y, et al. (2026) From degraded to deciphered: Applying ATAC-seq to forensic molecular diagnosis under degradation conditions. Forensic science international, 379, 112789.

Higuchi D, et al. (2025) TP53 gene and pathway alterations in gastric-type adenocarcinoma of the cervix. JNCI cancer spectrum, 9(5).

Buri MC, et al. (2025) Natural Killer Cell-Mediated Cytotoxicity Shapes the Clonal Evolution of B-cell Leukemia. Cancer immunology research, 13(3), 430.

Lan T, et al. (2025) Enhancing inbreeding estimation and global conservation insights through chromosome-level assemblies of the Chinese and Malayan pangolin. GigaScience, 14.

George SL, et al. (2025) Stratified Medicine Pediatrics: Cell-Free DNA and Serial Tumor Sequencing Identifies Subtype-Specific Cancer Evolution and Epigenetic States. Cancer discovery, 15(4), 717.

Abdulkader-Nallib I, et al. (2025) Next-Generation Sequencing (NGS) in non-small cell lung carcinoma: A real-world experience in the public health system of Galicia (Northwest Spain). PloS one, 20(7), e0326336.

Chen C, et al. (2025) The heterogeneity of genomic alterations, metastatic patterns and immune microenvironment in metastatic ovarian cancer originating from colorectal cancer. Frontiers in immunology, 16, 1593439.

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.

Umeda M, et al. (2025) Fusion oncoproteins and cooperating mutations define disease phenotypes in NUP98-rearranged leukemia. medRxiv : the preprint server for health sciences.

Geng S, et al. (2025) PIF/harbinger transposon-derived protein promotes 7SL expression to enhance pathogen resistance. EMBO reports, 26(5), 1196.

Tesi B, et al. (2025) Validation of Guidelines for Genetic Investigation of Myeloid Neoplasms with Germline Predisposition: Results from a Prospective Cohort Study. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(14), 3062.

Schiavo Lena M, et al. (2025) Focal High-Grade Areas with a Tumor-in-Tumor Pattern: Another Feature of Pediatric DICER1-Associated Thyroid Carcinoma? Endocrine pathology, 36(1), 20.

Ellegaard KM, et al. (2025) SARS-CoV-2 sequencing artifacts associated with targeted PCR enrichment and read mapping. PloS one, 20(10), e0334009.

Kumar R, et al. (2025) Decapping activators Edc3 and Scd6 act redundantly with Dhh1 in post-transcriptional repression of starvation-induced pathways. eLife, 13.

Gerdes P, et al. (2025) Retroviral insertions contributed to the divergence of human and chimpanzee brains. bioRxiv : the preprint server for biology.

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