

Resource Summary Report

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GLAD

RRID:SCR_001284

Type: Tool

Proper Citation

GLAD (RRID:SCR_001284)

Resource Information

URL: <http://www.bioconductor.org/packages/2.14/bioc/html/GLAD.html>

Proper Citation: GLAD (RRID:SCR_001284)

Description: Software for analysis of array CGH data: detection of breakpoints in genomic profiles and assignment of a status (gain, normal or loss) to each chromosomal regions identified.

Abbreviations: GLAD

Synonyms: GLAD - Gain and Loss Analysis of DNA, Gain and Loss Analysis of DNA

Resource Type: software resource

Defining Citation: [PMID:15381628](#)

Keywords: comparative genomic hybridization, breakpoint, copy number variation, microarray

Funding:

Availability: GNU General Public License, v2

Resource Name: GLAD

Resource ID: SCR_001284

Alternate IDs: OMICS_02053

Record Creation Time: 20220129T080206+0000

Record Last Update: 20250420T015239+0000

Ratings and Alerts

No rating or validation information has been found for GLAD.

No alerts have been found for GLAD.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 253 mentions in open access literature.

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

Tam SW, et al. (2025) Extracellular Silica Nanomatrices Promote In Vitro Maturation of Anti-tumor Dendritic Cells via Activation of Focal Adhesion Kinase. Advanced materials (Deerfield Beach, Fla.), 37(2), e2314358.

Ji C, et al. (2025) DeepExtremeCubes: Earth system spatio-temporal data for assessing compound heatwave and drought impacts. Scientific data, 12(1), 149.

Kumar M, et al. (2025) Low interface state density and large capacitive memory window using RF sputtered NiO nanoparticles decorated MgZnO thin film. Scientific reports, 15(1), 2322.

Chi H, et al. (2025) Electrosynthesis of ethylene glycol from biomass glycerol. Nature communications, 16(1), 979.

Khan B, et al. (2025) Cropland expansion links climate extremes and diets in Nigeria. Science advances, 11(2), eado5541.

Bandyadka S, et al. (2025) Multi-modal comparison of molecular programs driving nurse cell death and clearance in Drosophila melanogaster oogenesis. PLoS genetics, 21(1), e1011220.

Singh A, et al. (2025) Cell-death induced immune response and coagulopathy promote cachexia in Drosophila. bioRxiv : the preprint server for biology.

Koch E, et al. (2024) Genome-wide meta-analyses of non-response to antidepressants identify novel loci and potential drugs. Research square.

Valente A, et al. (2024) Elementary flow mapping across life cycle inventory data systems: A

case study for data interoperability under the Global Life Cycle Assessment Data Access (GLAD) initiative. The international journal of life cycle assessment, 29, 789.

Uddin K, et al. (2024) Bridging the national data gap with Google earth engine and landsat imagery by developing annual land cover for Afghanistan. Data in brief, 54, 110316.

Brosey CA, et al. (2024) Chemical screening by time-resolved X-ray scattering to discover allosteric probes. Nature chemical biology, 20(9), 1199.

Zhang H, et al. (2024) Mapping annual 10-m soybean cropland with spatiotemporal sample migration. Scientific data, 11(1), 439.

Lee BC, et al. (2024) Implications of helplessness in depression: diagnosing mild cognitive impairment and analyzing its effects on cognitive decline in older adults. Frontiers in aging neuroscience, 16, 1378676.

Ismaeel A, et al. (2024) Patterns of tropical forest understory temperatures. Nature communications, 15(1), 549.

Borda V, et al. (2024) Genetics of Latin American Diversity Project: Insights into population genetics and association studies in admixed groups in the Americas. Cell genomics, 4(11), 100692.

Keum M, et al. (2024) Protein intake and episodic memory: the moderating role of the apolipoprotein E ϵ 4 status. Alzheimer's research & therapy, 16(1), 181.

Kerner H, et al. (2024) How accurate are existing land cover maps for agriculture in Sub-Saharan Africa? Scientific data, 11(1), 486.

Kilic U, et al. (2024) Controlling the broadband enhanced light chirality with L-shaped dielectric metamaterials. Nature communications, 15(1), 3757.

Olohan BJ, et al. (2024) Chiroptical Second-Harmonic Tyndall Scattering from Silicon Nanohelices. ACS nano, 18(26), 16766.

Liao Z, et al. (2024) Maladaptive exercise in eating disorders: lifetime and current impact on mental health and treatment seeking. Journal of eating disorders, 12(1), 86.