

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 [dkNET](#).

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.