

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

Availability: Free, Available for download, Freely available

Resource Name: GLAD

Resource ID: SCR_001284

Alternate IDs: OMICS_02053

License: GNU General Public License, v3

Record Creation Time: 20220129T080206+0000

Record Last Update: 20260725T191024+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 283 mentions in open access literature.

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

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.

Song C, et al. (2025) A spatially constrained remote sensing-based inventory of glacial lakes worldwide. *Scientific data*, 12(1), 464.

Davis KAS, et al. (2025) The UK Biobank mental health enhancement 2022: Methods and results. *PloS one*, 20(5), e0324189.

Owens G, et al. (2025) Quantifying forest degradation, deforestation and land use change in vital swift parrot breeding habitat. *Scientific reports*, 15(1), 8546.

Tjomsland O, et al. (2025) Protocol for a national intervention programme aimed to reduce unwarranted variation and overuse of shoulder arthroscopy in Norway. *BMJ open quality*, 14(1).

Hussain S, et al. (2025) Glancing Angle Deposited Nanostructured Tellurium Layer Against Dendrite Formation and Side Reactions in Aqueous Zn-Ion Battery Anode. *Nanomaterials* (Basel, Switzerland), 15(12).

Behera J, et al. (2025) Stable and Highly Steerable Magnetic Nanorobots Demonstrate Therapeutical Functionality in Crowded Biological Media. *ACS nano*, 19(18), 17785.

Hunter MO, et al. (2025) Global 30-m annual median vegetation height maps (2000-2022) based on ICESat-2 data and Machine Learning. *Scientific data*, 12(1), 1470.

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

Vidhya CM, et al. (2025) A performance evaluation of silver nanorods PDMS flexible dry electrodes for electrocardiogram monitoring. *Scientific reports*, 15(1), 15799.

Marcho LM, et al. (2025) Potent estrogen receptor ?? agonists with inhibitory activity in vitro, fail to suppress xenografts of endocrine-resistant cyclin-dependent kinase 4/6 inhibitor-resistant breast cancer cells. *Frontiers in oncology*, 15, 1441896.

- Kunz PB, et al. (2025) Development of lamprey-derived antibodies against human blood group antigens. *Glycobiology*, 35(11).
- Aso OP, et al. (2025) Spatial distribution model of anoa, *Bubalus spp.*, in Tanjung Peropa Wildlife Reserve. *Biodiversity data journal*, 13, e153431.
- Boyd A, et al. (2025) UK Longitudinal Linkage Collaboration (UK LLC): The National Trusted Research Environment for Longitudinal Research. *International journal of population data science*, 10(1), 2468.
- Henrikson DE, et al. (2025) A "proto" type galectin expressed in striped bass (*Morone saxatilis*) tissues is released to epidermal mucus and binds to bacterial and mucus glycans. *Frontiers in cellular and infection microbiology*, 15, 1572734.
- Goyal R, et al. (2025) Externally controlled intermittent randomization enables complex navigation of multiple nanobots. *Nature communications*, 16(1), 2700.
- Wright D, et al. (2025) Aggregating soft labels from crowd annotations improves uncertainty estimation under distribution shift. *PloS one*, 20(6), e0323064.
- Waiwijit U, et al. (2025) Discrimination of Dengue Diseases in Children Using Surface-Enhanced Raman Spectroscopy Coupled with Machine Learning Approaches. *Analytical chemistry*, 97(28), 15122.
- 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.