

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

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: 20260808T190251+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 292 mentions in open access literature.

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

Li Z, et al. (2026) Graph neural networks based log anomaly detection and explanation. Data mining and knowledge discovery, 40(5), 66.

Bosch JA, et al. (2026) Multi-omic mapping of Drosophila protein secretomes reveals tissue-specific origins and inter-organ trafficking. Nature communications, 17(1).

Hamm P, et al. (2026) Glycan-binding specificities of anti-ABO(H) antibodies and lectins. Transfusion, 66(1), 49.

Lai Z, et al. (2026) Optimized planting density and nitrogen improve grain yield and water productivity in drip-fertigated maize through improved canopy function and source-sink balance. Frontiers in plant science, 17, 1740500.

Webb EE, et al. (2026) Discrepancies in Arctic-boreal lake area trends driven by sensitivity to dry conditions. Scientific reports, 16(1), 5816.

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.

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).

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

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

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

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).

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

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

Fang J, et al. (2025) A 1000km datasets for urban-suburban-rural-natural continuous gradient landscapes in Southwest China. *Scientific data*, 12(1), 2010.

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.

Guo J, et al. (2025) A three-decade lake dataset on the Mongolian plateau tracking water area and quality dynamics (1990-2020). *Scientific data*, 12(1), 1788.

Aso OP, et al. (2025) Spatial distribution model of anoa, *Bubalus spp.*, in Tanjung Peropa Wildlife Reserve. *Biodiversity data journal*, 13, e153431.

Kunz PB, et al. (2025) Development of lamprey-derived antibodies against human blood group antigens. *Glycobiology*, 35(11).

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

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.