

Resource Summary Report

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CALIB

RRID:SCR_001338

Type: Tool

Proper Citation

CALIB (RRID:SCR_001338)

Resource Information

URL: <https://www.bioconductor.org/packages//2.12/bioc/html/CALIB.html>

Proper Citation: CALIB (RRID:SCR_001338)

Description: Software package that contains functions for normalizing spotted microarray data, based on a physically motivated calibration model. The model parameters and error distributions are estimated from external control spikes.

Abbreviations: CALIB

Resource Type: software resource

Defining Citation: [PMID:17485432](#)

Keywords: microarray, preprocessing

Availability: Free, Available for download, Freely available

Resource Name: CALIB

Resource ID: SCR_001338

Alternate IDs: OMICS_02003

Alternate URLs: <http://www.bioconductor.org/packages/release/bioc/html/CALIB.html>

License: GNU Lesser General Public License

Record Creation Time: 20220129T080207+0000

Record Last Update: 20260725T190500+0000

Ratings and Alerts

No rating or validation information has been found for CALIB.

No alerts have been found for CALIB.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 136 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Stein R, et al. (2025) A 430 kyr record of ice-sheet dynamics and organic-carbon burial in the central Eurasian Arctic Ocean. *Nature communications*, 16(1), 3822.

Karpinski E, et al. (2025) Repeated climate-driven dispersal and speciation in peripheral populations of Pleistocene mastodons. *Science advances*, 11(37), eadw2240.

Feldman B, et al. (2025) Late Holocene "Turn-Off" of Coral Reef Growth in the Northern Red Sea and Implications for a Sea-Level Fall. *Global change biology*, 31(2), e70073.

Vacchi M, et al. (2025) Sea level since the Last Glacial Maximum from the Atlantic coast of Africa. *Nature communications*, 16(1), 1486.

Holliday VT, et al. (2025) Paleolake geochronology supports Last Glacial Maximum (LGM) age for human tracks at White Sands, New Mexico. *Science advances*, 11(25), eadv4951.

Karas C, et al. (2025) Enhanced deglacial carbon transport by Pacific southern-sourced intermediate and mode water. *Nature communications*, 16(1), 5245.

Yu F, et al. (2025) Alignment-free unique molecular identifier clustering suppresses sequencing errors for accurate detection of low-frequency DNA variants. *Briefings in bioinformatics*, 26(5).

Callard SL, et al. (2025) Ocean driven retreat of the Northeast Greenland Ice Stream following the Last Glacial Maximum. *Nature communications*, 16(1), 10961.

Deng J, et al. (2025) UMI-nea: a fast, robust tool for reference-free UMI deduplication and accurate quantification. *Bioinformatics (Oxford, England)*, 41(9).

Ma G, et al. (2025) Late holocene overflow floods of the lower Yellow River led to the shrinkage of downstream lakes. *Scientific reports*, 15(1), 40241.

Li Y, et al. (2024) Cultivation and morphology of jujube (*Ziziphus Jujuba* Mill.) in the Qi River Basin of Northern China during the Neolithic Period. *Scientific reports*, 14(1), 2305.

Strickland LE, et al. (2024) Plant macrofossil data for 48-0 ka in the USGS North American Packrat Midden Database, version 5.0. *Scientific data*, 11(1), 68.

Li T, et al. (2024) Vertical land motion is underestimated in sea-level projections from the Oka estuary, northern Spain. *Scientific reports*, 14(1), 31302.

Ruschi AG, et al. (2024) Pleistocene to early Holocene paleoenvironmental evolution of the Abrolhos depression (Brazil) based on benthic foraminifera. *Scientific reports*, 14(1), 24443.

Hynes MG, et al. (2024) RADReef: A global Holocene Reef Rate of Accretion Dataset. *Scientific data*, 11(1), 398.

Dittmar J, et al. (2024) The final plague outbreak in Scotland 1644-1649: Historical, archaeological, and genetic evidence. *PloS one*, 19(11), e0306432.

McComish BJ, et al. (2024) Ancient and Modern Genomes Reveal Microsatellites Maintain a Dynamic Equilibrium Through Deep Time. *Genome biology and evolution*, 16(3).

Yang Y, et al. (2023) A contracting Intertropical Convergence Zone during the Early Heinrich Stadial 1. *Nature communications*, 14(1), 4695.

Louis M, et al. (2023) Ancient dolphin genomes reveal rapid repeated adaptation to coastal waters. *Nature communications*, 14(1), 4020.

Praetorius SK, et al. (2023) Ice and ocean constraints on early human migrations into North America along the Pacific coast. *Proceedings of the National Academy of Sciences of the United States of America*, 120(7), e2208738120.