

# Resource Summary Report

Generated by PRECISE-TBI on Sep 18, 2026

## CGHcall

RRID:SCR\_001578

Type: Tool

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### Proper Citation

CGHcall (RRID:SCR\_001578)

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### Resource Information

**URL:** <http://www.bioconductor.org/packages/2.12/bioc/html/CGHcall.html>

**Proper Citation:** CGHcall (RRID:SCR\_001578)

**Description:** Software that calls aberrations for array CGH data using a six state mixture model and several biological concepts. It is written in R.

**Resource Type:** data analysis software, data processing software, software application, software resource

**Keywords:** cgh data analysis, objective classification, data aberration

**Availability:** Free, Available for download, Freely available

**Resource Name:** CGHcall

**Resource ID:** SCR\_001578

**Alternate IDs:** OMICS\_00709

**License:** General Public License

**Record Creation Time:** 20220129T080208+0000

**Record Last Update:** 20260912T195527+0000

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### Ratings and Alerts

No rating or validation information has been found for CGHcall.

No alerts have been found for CGHcall.

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### Data and Source Information

## Usage and Citation Metrics

We found 32 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Cross WCH, et al. (2026) Negative Selection Maintains Grossly Altered but Broadly Stable Karyotypes in Metastatic Colorectal Cancer. *Cancer discovery*, 16(2), 218.

Al Bakir I, et al. (2025) Low-coverage whole genome sequencing of low-grade dysplasia strongly predicts advanced neoplasia risk in ulcerative colitis. *Gut*, 74(5), 740.

Qin X, et al. (2025) Single-Cell Expression Analysis of Ductal Carcinoma In Situ Identifies Complex Genotypic-Phenotypic Relationships Altering Epithelial Composition. *Cancer research*, 85(12), 2302.

Lin AY, et al. (2025) CfDNA-based copy-number dynamics during anti-PD1 treatment in metastatic triple negative breast cancer. *Cell reports. Medicine*, 6(12), 102512.

Ryser MD, et al. (2025) Spatially Discontinuous Mutation Topographies in Ductal Carcinoma In Situ Reveal Noncompetitive Growth Dynamics. *Cancer research*, 85(24), 5084.

Hintzen DC, et al. (2024) Reduction of chromosomal instability and inflammation is a common aspect of adaptation to aneuploidy. *EMBO reports*, 25(11), 5169.

Al Bakir I, et al. (2024) Low coverage whole genome sequencing of low-grade dysplasia strongly predicts colorectal cancer risk in ulcerative colitis. *medRxiv : the preprint server for health sciences*.

Garrido Ruiz PA, et al. (2024) Paired Primary and Recurrent Rhabdoid Meningiomas: Cytogenetic Alterations, BAP1 Gene Expression Profile and Patient Outcome. *Biology*, 13(5).

Pan JW, et al. (2024) Clustering of HR + /HER2- breast cancer in an Asian cohort is driven by immune phenotypes. *Breast cancer research : BCR*, 26(1), 67.

Lu B, et al. (2023) CNETML: maximum likelihood inference of phylogeny from copy number profiles of multiple samples. *Genome biology*, 24(1), 144.

Schnöller LE, et al. (2023) Systematic in vitro analysis of therapy resistance in glioblastoma cell lines by integration of clonogenic survival data with multi-level molecular data. *Radiation oncology (London, England)*, 18(1), 51.

Vasquez Kuntz KL, et al. (2022) Inheritance of somatic mutations by animal offspring. *Science advances*, 8(35), eabn0707.

Deger T, et al. (2022) A pipeline for copy number profiling of single circulating tumour cells to assess intrapatient tumour heterogeneity. *Molecular oncology*, 16(16), 2981.

Martens-de Kemp SR, et al. (2022) Overexpression of the miR-17-92 cluster in colorectal adenoma organoids causes a carcinoma-like gene expression signature. *Neoplasia* (New York, N.Y.), 32, 100820.

Chen X, et al. (2021) Patient-derived non-small cell lung cancer xenograft mirrors complex tumor heterogeneity. *Cancer biology & medicine*, 18(1), 184.

Pan JW, et al. (2020) The molecular landscape of Asian breast cancers reveals clinically relevant population-specific differences. *Nature communications*, 11(1), 6433.

Patmore DM, et al. (2020) DDX3X Suppresses the Susceptibility of Hindbrain Lineages to Medulloblastoma. *Developmental cell*, 54(4), 455.

Badhai J, et al. (2020) Combined deletion of Bap1, Nf2, and Cdkn2ab causes rapid onset of malignant mesothelioma in mice. *The Journal of experimental medicine*, 217(6).

Hoefsmit EP, et al. (2020) Comprehensive analysis of cutaneous and uveal melanoma liver metastases. *Journal for immunotherapy of cancer*, 8(2).

Swarts DRA, et al. (2018) Molecular heterogeneity in human papillomavirus-dependent and -independent vulvar carcinogenesis. *Cancer medicine*, 7(9), 4542.