Resource Summary Report

Generated by RRID on Apr 16, 2025

DNAcopy

RRID:SCR_012560
Type: Tool

Proper Citation

DNAcopy (RRID:SCR_012560)

Resource Information

URL: http://www.bioconductor.org/packages/2.12/bioc/html/DNAcopy.html

Proper Citation: DNAcopy (RRID:SCR_012560)

Description: Software that segments DNA copy number data using circular binary segmentation to detect regions with abnormal copy number.

Abbreviations: DNAcopy

Resource Type: software resource

Keywords: bio.tools

Funding:

Resource Name: DNAcopy

Resource ID: SCR_012560

Alternate IDs: OMICS_00720, biotools:dnacopy

Alternate URLs: https://bio.tools/dnacopy, https://sources.debian.org/src/r-bioc-dnacopy/

Record Creation Time: 20220129T080311+0000

Record Last Update: 20250410T070250+0000

Ratings and Alerts

No rating or validation information has been found for DNAcopy.

No alerts have been found for DNAcopy.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 305 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Vavoulis DV, et al. (2025) Multimodal cell-free DNA whole-genome TAPS is sensitive and reveals specific cancer signals. Nature communications, 16(1), 430.

Bouzid A, et al. (2025) Whole exome sequencing identifies ABHD14A and MRNIP as novel candidate genes for developmental language disorder. Scientific reports, 15(1), 367.

Yu X, et al. (2025) HapCNV: A Comprehensive Framework for CNV Detection in Low-input DNA Sequencing Data. bioRxiv : the preprint server for biology.

Kasan M, et al. (2025) Genomic and phenotypic stability of fusion-driven pediatric sarcoma cell lines. Nature communications, 16(1), 380.

Hobor S, et al. (2024) Mixed responses to targeted therapy driven by chromosomal instability through p53 dysfunction and genome doubling. Nature communications, 15(1), 4871.

Mallin MM, et al. (2024) Cells in the Polyaneuploid Cancer Cell State are Pro-Metastatic. bioRxiv : the preprint server for biology.

Linder A, et al. (2024) Genomic alterations in ovarian endometriosis and subsequently diagnosed ovarian carcinoma. Human reproduction (Oxford, England), 39(5), 1141.

Umeda M, et al. (2024) A new genomic framework to categorize pediatric acute myeloid leukemia. Nature genetics, 56(2), 281.

Paternot S, et al. (2024) Preclinical evaluation of CDK4 phosphorylation predicts high sensitivity of pleural mesotheliomas to CDK4/6 inhibition. Molecular oncology, 18(4), 866.

Zhang Y, et al. (2024) On the core segmentation algorithms of copy number variation detection tools. Briefings in bioinformatics, 25(2).

Sun C, et al. (2024) Mapping recurrent mosaic copy number variation in human neurons. Nature communications, 15(1), 4220.

Krieg S, et al. (2024) Mitoferrin2 is a synthetic lethal target for chromosome 8p deleted cancers. Genome medicine, 16(1), 83.

Keenan CR, et al. (2024) Suv39h-catalyzed H3K9me3 is critical for euchromatic genome organization and the maintenance of gene transcription. Genome research, 34(4), 556.

Zhang N, et al. (2024) High clonal diversity and spatial genetic admixture in early prostate cancer and surrounding normal tissue. Nature communications, 15(1), 3475.

Lehtonen J, et al. (2024) Haplotype information of large neuromuscular disease genes provided by linked-read sequencing has a potential to increase diagnostic yield. Scientific reports, 14(1), 4306.

Xue Y, et al. (2024) Unraveling the key role of chromatin structure in cancer development through epigenetic landscape characterization of oral cancer. Molecular cancer, 23(1), 190.

Ohara K, et al. (2024) The evolution of metastatic upper tract urothelial carcinoma through genomic-transcriptomic and single-cell protein markers analysis. Nature communications, 15(1), 2009.

Vijayraghavan S, et al. (2024) Widespread mutagenesis and chromosomal instability shape somatic genomes in systemic sclerosis. Nature communications, 15(1), 8889.

Tauziède-Espariat A, et al. (2024) Diffuse pediatric high-grade glioma of methylation-based RTK2A and RTK2B subclasses present distinct radiological and histomolecular features including Gliomatosis cerebri phenotype. Acta neuropathologica communications, 12(1), 176.

Coban-Akdemir Z, et al. (2024) The impact of the Turkish population variome on the genomic architecture of rare disease traits. Genetics in medicine open, 2, 101830.