

# Resource Summary Report

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

## CopyNumber450kCancer

RRID:SCR\_017965

Type: Tool

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### Proper Citation

CopyNumber450kCancer (RRID:SCR\_017965)

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### Resource Information

**URL:** <https://github.com/cran/CopyNumber450kCancer>

**Proper Citation:** CopyNumber450kCancer (RRID:SCR\_017965)

**Description:** Software R package baseline correction for accurate copy number calling from 450k methylation array. Baseline correction for copy number data from cancer samples. Implements maximum density peak estimation (MDPE) method together with interactive reviewing to efficiently correct baseline in cancer samples.

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

**Defining Citation:** [PMID:26553913](#)

**Keywords:** Correction, accurate, copy, number, calling, 450k, methylation, array, data, cancer, maximum, density, peak, estimation

**Funding:** Swedish Cancer Society ;  
Swedish Research Council for Science and Technology ;  
Swedish Foundation for Strategic Research

**Availability:** Free, Freely available

**Resource Name:** CopyNumber450kCancer

**Resource ID:** SCR\_017965

**License:** GNU General Public License version 2.0

**Record Creation Time:** 20220129T080338+0000

**Record Last Update:** 20260808T190319+0000

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### Ratings and Alerts

No rating or validation information has been found for CopyNumber450kCancer.

No alerts have been found for CopyNumber450kCancer.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Marzouka NA, et al. (2020) Recurring urothelial carcinomas show genomic rearrangements incompatible with a direct relationship. Scientific reports, 10(1), 19539.

Luo Y, et al. (2019) Regional methylome profiling reveals dynamic epigenetic heterogeneity and convergent hypomethylation of stem cell quiescence-associated genes in breast cancer following neoadjuvant chemotherapy. Cell & bioscience, 9, 16.

Marzouka NA, et al. (2018) A validation and extended description of the Lund taxonomy for urothelial carcinoma using the TCGA cohort. Scientific reports, 8(1), 3737.