

# Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

## alleleCount

RRID:SCR\_023961

Type: Tool

### Proper Citation

alleleCount (RRID:SCR\_023961)

### Resource Information

**URL:** <https://github.com/cancerit/alleleCount>

**Proper Citation:** alleleCount (RRID:SCR\_023961)

**Description:** Software package to prevent code duplication. Support code for NGS copy number algorithms. Generates count of coverage of each allele ACGT at that location given any filter settings.

**Synonyms:** allelecount

**Resource Type:** software resource, source code

**Keywords:** NGS copy number, allele ACGT coverage,

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

**Resource Name:** alleleCount

**Resource ID:** SCR\_023961

**Alternate URLs:** <https://sources.debian.org/src/allelecount/>,  
<http://cancerit.github.io/alleleCount/>

**License:** GNU Affero General Public License

**Record Creation Time:** 20230824T050210+0000

**Record Last Update:** 20260912T200427+0000

### Ratings and Alerts

No rating or validation information has been found for alleleCount.

No alerts have been found for alleleCount.

## Data and Source Information

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

## Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Mäntylä S, et al. (2026) Genomic analysis of PLNTY-like tumor progression into epithelioid glioblastoma: a case report. *Acta neuropathologica communications*, 14(1), 35.

Ferreira I, et al. (2025) The molecular cartography of malignant and benign sebaceous tumours. *Nature communications*, 17(1), 14.

Gómez-López S, et al. (2025) Aberrant basal cell clonal dynamics shape early lung carcinogenesis. *Science (New York, N.Y.)*, 388(6752), eads9145.

Gori K, et al. (2025) Horizontal transfer of nuclear DNA in transmissible cancer. *Proceedings of the National Academy of Sciences of the United States of America*, 122(18), e2424634122.

Kyung SM, et al. (2025) Delineating molecular mechanisms on the acquisition of in vitro-adapted colistin-resistant *Klebsiella pneumoniae* by transcriptomic analysis. *Microbiology spectrum*, 13(12), e0342824.

Körber V, et al. (2025) Detecting and quantifying clonal selection in somatic stem cells. *Nature genetics*, 57(7), 1718.

Stammnitz MR, et al. (2024) No evidence that a transmissible cancer has shifted from emergence to endemism in Tasmanian devils. *Royal Society open science*, 11(4), 231875.

Schott CR, et al. (2024) Osteosarcoma PDX-Derived Cell Line Models for Preclinical Drug Evaluation Demonstrate Metastasis Inhibition by Dinaciclib through a Genome-Targeted Approach. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(4), 849.

Pourebrahim R, et al. (2024) Age-specific induction of mutant p53 drives clonal hematopoiesis and acute myeloid leukemia in adult mice. *Cell reports. Medicine*, 5(5), 101558.

Ji S, et al. (2024) Accelerated somatic mutation calling for whole-genome and whole-exome sequencing data from heterogenous tumor samples. *Genome research*, 34(4), 633.

Spencer Chapman M, et al. (2023) Clonal selection of hematopoietic stem cells after gene therapy for sickle cell disease. *Nature medicine*, 29(12), 3175.

Krali O, et al. (2023) Multimodal classification of molecular subtypes in pediatric acute lymphoblastic leukemia. *NPJ precision oncology*, 7(1), 131.

Incze E, et al. (2023) Potential Association of Cytochrome P450 Copy Number Alteration in Tumour with Chemotherapy Resistance in Lung Adenocarcinoma Patients. *International journal of molecular sciences*, 24(17).

Trinh MK, et al. (2022) Precise identification of cancer cells from allelic imbalances in single cell transcriptomes. *Communications biology*, 5(1), 884.

Neves JB, et al. (2022) Defining the origin, evolution, and immune composition of SDH-deficient renal cell carcinoma. *iScience*, 25(11), 105389.