

Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 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: 20260725T191440+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 12 mentions in open access literature.

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

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.

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

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

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

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.

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.

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.

Pourebahim 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.

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).