

Resource Summary Report

Generated by [dkNET](#) on Apr 25, 2025

casper

RRID:SCR_006613

Type: Tool

Proper Citation

casper (RRID:SCR_006613)

Resource Information

URL: <http://bioconductor.org/packages/release/bioc/html/casper.html>

Proper Citation: casper (RRID:SCR_006613)

Description: Software to infer alternative splicing from paired-end RNA-seq data. The model is based on counting paths across exons, rather than pairwise exon connections, and estimates the fragment size and start distributions non-parametrically, which improves estimation precision.

Abbreviations: casper

Synonyms: casper - Characterization of Alternative Splicing based on Paired-End Reads, Characterization of Alternative Splicing based on Paired-End Reads

Resource Type: software resource

Keywords: bio.tools

Funding:

Availability: GNU General Public License, v2 or greater

Resource Name: casper

Resource ID: SCR_006613

Alternate IDs: biotools:casper, OMICS_01270

Alternate URLs: <https://bio.tools/casper>

Record Creation Time: 20220129T080237+0000

Record Last Update: 20250420T014337+0000

Ratings and Alerts

No rating or validation information has been found for casper.

No alerts have been found for casper.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 133 mentions in open access literature.

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

Mukuria C, et al. (2025) Mapping functions for the PHQ-9 and GAD-7 to generate EQ-5D-3L for economic evaluation. The European journal of health economics : HEPAC : health economics in prevention and care, 26(1), 63.

Jara-Servin A, et al. (2025) Microbial Communities in Agave Fermentations Vary by Local Biogeographic Regions. Environmental microbiology reports, 17(1), e70057.

Thirimanne HN, et al. (2024) Meningioma transcriptomic landscape demonstrates novel subtypes with regional associated biology and patient outcome. Cell genomics, 4(6), 100566.

Domanskyi S, et al. (2024) Nextflow pipeline for Visium and H&E data from patient-derived xenograft samples. Cell reports methods, 4(5), 100759.

Magyari B, et al. (2024) Single-Center Experience with the Balloon-Expandable Myval Transcatheter Aortic Valve System in Patients with Bicuspid Anatomy: Procedural and 30-Day Follow-Up. Journal of clinical medicine, 13(2).

Roduta Roberts M, et al. (2024) Associations between an open-response situational judgment test and performance on OSCEs and fieldwork: implications for admissions decisions and matriculant diversity in an occupational therapy program. BMC medical education, 24(1), 1146.

Lovell S, et al. (2024) Evaluating an equity-focused approach to assess climate resilience and disaster priorities through a community survey. PloS one, 19(6), e0302106.

Bacong AM, et al. (2024) Obesity Disparities Among Adult Single-Race and Multiracial Asian

and Pacific Islander Populations. JAMA network open, 7(3), e240734.

Bånkestad M, et al. (2024) Carbohydrate NMR chemical shift prediction by GeqShift employing E(3) equivariant graph neural networks. RSC advances, 14(36), 26585.

McDonald MF, et al. (2024) Tumor Expression of CD83 Reduces Glioma Progression and Is Associated with Reduced Immunosuppression. Cancer research communications, 4(12), 3209.

Kosar CM, et al. (2024) Impact of skilled nursing facility quality on Medicare beneficiaries with dementia: Evidence from vacancies. Alzheimer's & dementia : the journal of the Alzheimer's Association, 20(12), 8308.

Curry RN, et al. (2024) Integrated electrophysiological and genomic profiles of single cells reveal spiking tumor cells in human glioma. bioRxiv : the preprint server for biology.

Huang R, et al. (2024) Robust analysis of allele-specific copy number alterations from scRNA-seq data with XClone. Nature communications, 15(1), 6684.

Amintas S, et al. (2024) Integrating allele-specific PCR with CRISPR-Cas13a for sensitive KRAS mutation detection in pancreatic cancer. Journal of biological engineering, 18(1), 53.

Silva JBB, et al. (2024) Geospatial Distribution of Racial Disparities in Influenza Vaccination in Nursing Homes. Journal of the American Medical Directors Association, 25(6), 104804.

Arulvasan W, et al. (2024) High-quality identification of volatile organic compounds (VOCs) originating from breath. Metabolomics : Official journal of the Metabolomic Society, 20(5), 102.

Serrano G, et al. (2024) Single-cell transcriptional profile of CD34+ hematopoietic progenitor cells from del(5q) myelodysplastic syndromes and impact of lenalidomide. Nature communications, 15(1), 5272.

Lee HK, et al. (2024) Gut microbiome signature of metabolically healthy obese individuals according to anthropometric, metabolic and inflammatory parameters. Scientific reports, 14(1), 3449.

Chang YH, et al. (2024) Efficacy of Quadruple-coated Probiotics in Patients With Irritable Bowel Syndrome: A Randomized, Double-blind, Placebo-controlled, Parallel-group Study. Journal of neurogastroenterology and motility, 30(1), 73.

Efremova I, et al. (2024) Akkermansia muciniphila is associated with normal muscle mass and Eggerthella is related with sarcopenia in cirrhosis. Frontiers in nutrition, 11, 1438897.