

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

Bayesian Analysis of Single Cell Sequencing

RRID:SCR_021829

Type: Tool

Proper Citation

Bayesian Analysis of Single Cell Sequencing (RRID:SCR_021829)

Resource Information

URL: <https://bioconductor.org/packages/BASiCS/>

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Description: Software tool for Bayesian analysis of single cell sequencing data. Used to perform statistical analyses of single cell RNA sequencing datasets in context of supervised experiments.

Synonyms: BASiCS, Bayesian Analysis of Single-Cell Sequencing data

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

Defining Citation: [PMID:26107944](#)

Keywords: Bayesian analysis, single cell sequencing data, single cell RNA sequencing datasets, statistical analyses, supervised experiments

Availability: Free, Available for download, Freely available

Resource Name: Bayesian Analysis of Single Cell Sequencing

Resource ID: SCR_021829

Alternate URLs: <https://github.com/catavallejos/BASiCS>

Record Creation Time: 20220129T080357+0000

Record Last Update: 20260813T055224+0000

Ratings and Alerts

No rating or validation information has been found for Bayesian Analysis of Single Cell Sequencing.

No alerts have been found for Bayesian Analysis of Single Cell Sequencing.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Cuevas-Diaz Duran R, et al. (2024) Data normalization for addressing the challenges in the analysis of single-cell transcriptomic datasets. BMC genomics, 25(1), 444.

O'Callaghan A, et al. (2022) BASiCS workflow: a step-by-step analysis of expression??variability using single cell RNA sequencing data. F1000Research, 11, 59.