

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

JACUSA2

RRID:SCR_025104

Type: Tool

Proper Citation

JACUSA2 (RRID:SCR_025104)

Resource Information

URL: <https://github.com/dieterich-lab/JACUSA2>

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Description: Software tool to detect single nucleotide variants by comparing data from next-generation sequencing experiments. Variant caller to detect single nucleotide variant positions from comparing RNA-DNA and/or RNA-RNA sequencing samples. JACUSA2 is one-stop solution to detect single nucleotide variants and reverse transcriptase induced arrest events in Next-generation sequencing data.

Synonyms: JACUSA

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

Defining Citation: [PMID:28049429](#)

Keywords: accurate Variant assessment, detect single nucleotide variants, comparing data, next-generation sequencing experiments, RNA-DNA, RNA-RNA, sequencing samples comparison,

Funding: Max Planck Society

Availability: Free, Available for download, Freely available

Resource Name: JACUSA2

Resource ID: SCR_025104

Alternate URLs: <https://github.com/dieterich-lab/JACUSA>

License: GNU GPL v3

Record Creation Time: 20240318T174908+0000

Ratings and Alerts

No rating or validation information has been found for JACUSA2.

No alerts have been found for JACUSA2.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Herrmann M, et al. (2026) TSniffer: unbiased de novo identification of RNA editing sites and quantification of editing activity in RNA-seq data. *Genome biology*, 27(1), 5.

D'Sa K, et al. (2025) Astrocytic RNA editing regulates the host immune response to alpha-synuclein. *Science advances*, 11(15), eadp8504.

Gawish R, et al. (2025) Filamin A editing in myeloid cells reduces intestinal inflammation and protects from colitis. *The Journal of experimental medicine*, 222(9).

Georgeson J, et al. (2024) No evidence for ac4C within human mRNA upon data reassessment. *Molecular cell*, 84(8), 1601.

Ruan X, et al. (2023) PIE-seq: identifying RNA-binding protein targets by dual RNA-deaminase editing and sequencing. *Nature communications*, 14(1), 3275.