

# Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

## Pecan

RRID:SCR\_001909

Type: Tool

---

### Proper Citation

Pecan (RRID:SCR\_001909)

---

### Resource Information

**URL:** <https://github.com/benedictpaten/pecan>

**Proper Citation:** Pecan (RRID:SCR\_001909)

**Description:** A Java consistency based multiple sequence alignment software program.

**Resource Type:** software resource

**Defining Citation:** [PMID:18849524](#)

**Keywords:** java, sequence, alignment, consistency, bio.tools

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

**Resource Name:** Pecan

**Resource ID:** SCR\_001909

**Alternate IDs:** OMICS\_03739, biotools:pecan

**Alternate URLs:** <http://hgwdev.cse.ucsc.edu/~benedict/code/Pecan.html>,  
<https://bio.tools/pecan>

**License:** MIT License

**Record Creation Time:** 20220129T080210+0000

**Record Last Update:** 20260801T190206+0000

---

### Ratings and Alerts

No rating or validation information has been found for Pecan.

No alerts have been found for Pecan.

## Data and Source Information

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

## Usage and Citation Metrics

We found 50 mentions in open access literature.

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

Lubin EE, et al. (2025) Coupling deep phenotypic quantification with next-generation phenotyping for 192 individuals with germline histonopathies. HGG advances, 6(3), 100440.

Aertgeerts M, et al. (2025) Single-cell DNA and surface protein characterization of high hyperdiploid acute lymphoblastic leukemia at diagnosis and during treatment. HemaSphere, 9(2), e70085.

Cha JH, et al. (2025) Exploring gene-phenotype relationships in GRIN-related neurodevelopmental disorders. NPJ genomic medicine, 10(1), 40.

Liu F, et al. (2025) Integrated analysis of single-cell and bulk transcriptomics reveals cellular subtypes and molecular features associated with osteosarcoma prognosis. BMC cancer, 25(1), 280.

Ormond C, et al. (2024) Investigating copy number variants in schizophrenia pedigrees using a new consensus pipeline called PECAN. Scientific reports, 14(1), 17518.

Wang X, et al. (2024) WUREN: Whole-modal union representation for epitope prediction. Computational and structural biotechnology journal, 23, 2122.

Almeida A, et al. (2024) Myb overexpression synergizes with the loss of Pten and is a dependency factor and therapeutic target in T-cell lymphoblastic leukemia. HemaSphere, 8(3), e51.

Gahl M, et al. (2024) PECAN Predicts Patterns of Cancer Cell Cytostatic Activity of Natural Products Using Deep Learning. Journal of natural products, 87(3), 567.

Boer JM, et al. (2024) Oncogenic and immunological targets for matched therapy of pediatric blood cancer patients: Dutch iTHER study experience. HemaSphere, 8(7), e122.

Demoen L, et al. (2024) A dual role for PSIP1/LEDGF in T cell acute lymphoblastic leukemia. Science advances, 10(44), eado6765.

Zhang J, et al. (2024) Developing a fair and interpretable representation of the clock drawing test for mitigating low education and racial bias. Scientific reports, 14(1), 17444.

Xiao X, et al. (2024) Beneficial effects of Lactobacillus plantarum on growth performance, immune status, antioxidant function and intestinal microbiota in broilers. Poultry science, 103(12), 104280.

Wiley RW, et al. (2024) The English Sublexical Toolkit: Methods for indexing sound-spelling consistency. *Behavior research methods*, 56(7), 6826.

Stoltze UK, et al. (2024) The evolutionary impact of childhood cancer on the human gene pool. *Nature communications*, 15(1), 1881.

Kalemati M, et al. (2024) ParaAntiProt provides paratope prediction using antibody and protein language models. *Scientific reports*, 14(1), 29141.

Zhang J, et al. (2023) FaIRClocks: Fair and Interpretable Representation of the Clock Drawing Test for mitigating classifier bias against lower educational groups. *Research square*.

Powers SB, et al. (2023) Differential Expression of LLT1, SLAM Receptors CS1 and 2B4 and NCR Receptors NKp46 and NKp30 in Pediatric Acute Lymphoblastic Leukemia (ALL). *International journal of molecular sciences*, 24(4).

Gao Z, et al. (2023) Limited role of generation time changes in driving the evolution of the mutation spectrum in humans. *eLife*, 12.

Klintwall L, et al. (2023) Perceived Causal Problem Networks: Reliability, Central Problems, and Clinical Utility for Depression. *Assessment*, 30(1), 73.

Baumgartner ME, et al. (2023) The PECAn image and statistical analysis pipeline identifies Minute cell competition genes and features. *Nature communications*, 14(1), 2686.