

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 19, 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: 20260912T195534+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 51 mentions in open access literature.

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

Zhang D, et al. (2026) Harmonizing Terrestrial Carbon Cycle Observations Over CONUS NEON Sites: Assessing the Information Contributions of Multiple Data Constraints. *Global change biology*, 32(2), e70761.

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

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

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.

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.

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.

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.

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

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.

- 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.
- Kalemati M, et al. (2024) ParaAntiProt provides paratope prediction using antibody and protein language models. *Scientific reports*, 14(1), 29141.
- Stoltze UK, et al. (2024) The evolutionary impact of childhood cancer on the human gene pool. *Nature communications*, 15(1), 1881.
- Wiley RW, et al. (2024) The English Sublexical Toolkit: Methods for indexing sound-spelling consistency. *Behavior research methods*, 56(7), 6826.
- 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).
- Klintwall L, et al. (2023) Perceived Causal Problem Networks: Reliability, Central Problems, and Clinical Utility for Depression. *Assessment*, 30(1), 73.
- Gao Z, et al. (2023) Limited role of generation time changes in driving the evolution of the mutation spectrum in humans. *eLife*, 12.