Resource Summary Report

Generated by ASWG on Aug 3, 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 ASWG .

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.

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.

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.

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.

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