

Resource Summary Report

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BEAM

RRID:SCR_007258

Type: Tool

Proper Citation

BEAM (RRID:SCR_007258)

Resource Information

URL: <http://www.people.fas.harvard.edu/~junliu/BEAM/>

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Description: Software application that treats the disease-associated markers and their interactions via a bayesian partitioning model and computes, via Markov chain Monte Carlo, the posterior probability that each marker set is associated with the disease. (entry from Genetic Analysis Software)

Abbreviations: BEAM

Synonyms: Bayesian Epistasis Association Mapping

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, c++, unix, linux, dos

Resource Name: BEAM

Resource ID: SCR_007258

Alternate IDs: nlx_154240

Record Creation Time: 20220129T080240+0000

Record Last Update: 20260727T040428+0000

Ratings and Alerts

No rating or validation information has been found for BEAM.

No alerts have been found for BEAM.

Data and Source Information

Usage and Citation Metrics

We found 651 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Chen J, et al. (2026) Integrating single cell- and spatial- resolved transcriptomics unravels the inter-tumor heterogeneity and immunosuppressive landscape in HBV- and Clonorchis sinensis-associated hepatocellular carcinoma. Molecular cancer, 25(1), 3.

Lee YC, et al. (2025) Routine machine quality assurance tests for a self-shielded gyroscopic radiosurgery system. Journal of applied clinical medical physics, 26(4), e14589.

Zhou Y, et al. (2025) Genetic engineering of RuBisCO by multiplex CRISPR editing small subunits in rice. Plant biotechnology journal, 23(3), 731.

Jiang W, et al. (2025) High-Throughput Single-Nucleus RNA Profiling of Minimal Puncture FFPE Samples Reveals Spatiotemporal Heterogeneity of Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(4), e2410713.

Reis CQM, et al. (2025) Feasibility of volumetric-modulated arc therapy gating for cardiac radioablation using real-time ECG signal acquisition and a dynamic phantom. Medical physics, 52(3), 1758.

Ragaini S, et al. (2025) Large clones of clonal hematopoiesis affect outcome in mantle cell lymphoma: results from the FIL MCL0208 clinical trial. Blood advances, 9(8), 1805.

Liu H, et al. (2025) Optineurin Cooperates With NRF2 to Regulate Tooth Root Morphogenesis by Controlling Mitochondrial Dynamics and Apoptosis. Cell proliferation, 58(5), e13799.

Strüßmann T, et al. (2025) Reduced Intensity Conditioning Prior Autologous Stem Cell Transplantation in Elderly DLBCL Patients. European journal of haematology, 114(1), 139.

Chen L, et al. (2025) Single-cell Analysis Highlights Anti-apoptotic Subpopulation Promoting Malignant Progression and Predicting Prognosis in Bladder Cancer. Cancer informatics, 24, 11769351251323569.

Meng Z, et al. (2025) NLRP4 unlocks an NK/macrophages-centered ecosystem to suppress non-small cell lung cancer. Biomarker research, 13(1), 44.

Li Z, et al. (2025) Single-cell RNA sequencing reveals the adverse role of cDC3s in the response of ulcerative colitis patients to anti-TNF- α therapy. Journal of translational medicine, 23(1), 1025.

Oolbekkink S, et al. (2025) Development and demonstration of end-to-end testing for intra-fraction motion-managed workflows. Medical physics, 52(9), e18042.

Xie D, et al. (2025) Uric Acid Functions as an Endogenous Modulator of Microglial Function and Amyloid Clearance in Alzheimer's Disease. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(48), e10270.

Cheng Q, et al. (2025) Training strategies for semi-supervised remote sensing image captioning. *Scientific reports*, 15(1), 25254.

Ji G, et al. (2025) Single-cell RNA sequencing and multi-omics analysis of prognosis-related staging in papillary thyroid cancer. *Cancer immunology, immunotherapy : CII*, 74(8), 267.

Yang J, et al. (2025) Insights into human melanocyte development and characteristics through pluripotent stem cells combined with single-cell sequencing. *iScience*, 28(5), 112373.

Jiang T, et al. (2025) The cognitive impacts of large language model interactions on problem solving and decision making using EEG analysis. *Frontiers in computational neuroscience*, 19, 1556483.

Liu Y, et al. (2025) Gastric cancer adapts high lipid microenvironment via suppressing PPARG-FABP1 axis after arriving in the lymph node. *Redox biology*, 85, 103759.

Castonguay M, et al. (2025) Allogeneic Hematopoietic Cell Transplant for B-Cell Lymphomas in the Era of Novel Cellular Therapies: Experience from a Tertiary Canadian Center. *Current oncology* (Toronto, Ont.), 32(5).

Sun H, et al. (2025) Music informer as an efficient model for music generation. *Scientific reports*, 15(1), 19943.