

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 resource, software application

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: 20260818T043305+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 665 mentions in open access literature.

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

Shen X, et al. (2026) A foundation model for nucleotide sequences. *Nucleic acids research*, 54(6).

Staklinski SJ, et al. (2026) Bayesian inference of tissue-migration histories in metastatic cancer from cell-lineage tracing data. *Cell genomics*, 6(6), 101193.

Lin Z, et al. (2026) Spatiotemporal dynamics and regulation of suture morphology and collagen remodeling during trans-sutural distraction osteogenesis. *NPJ Regenerative medicine*, 11(1), 4.

Kleeman SO, et al. (2026) Ectopic NMDAR expression in cancer unmask germline-encoded autoimmunity. *Nature*, 653(8116), 1216.

Zhang G, et al. (2026) M2 macrophages modulate the differentiation of CD8 + CD101-TIM3 + T cells via the SPP1?CD44 pathway, influencing the immunotherapeutic response in NSCLC. *Journal of translational medicine*, 24(1), 134.

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.

Liu Q, et al. (2026) Hypoxia-driven remodeling of SELENOP+ macrophages shapes T cell dynamics and promotes ovarian cancer metastasis. *Nature communications*, 17(1), 1097.

Wang Y, et al. (2026) POSTN? cancer-associated fibroblast-CCL3? macrophage crosstalk defines the immune-excluded tumor microenvironment in clear cell renal cell carcinoma. *Translational oncology*, 65, 102682.

Fu Y, et al. (2026) Helicobacter pylori-Induced Inflammatory Cancer Transformation Microenvironment Drives Gastric Carcinogenesis. *Cellular and molecular gastroenterology and hepatology*, 20(7), 101757.

Sun H, et al. (2026) Ternary mTOR-targeted conductive nanofibrous scaffolds with bioactive peptides orchestrate immune-metabolic-fibrotic balance for diabetic bone regeneration. *Bioactive materials*, 65, 860.

Hu G, et al. (2026) Single-cell transcriptomic analysis of plant quiescent center by third-generation sequencing reveals developmental trajectories. *Genome biology*, 27(1).

Zhang X, et al. (2026) Functional human salivary gland organoids for tissue regeneration in chemically defined culture systems. *Cell reports. Medicine*, 7(2), 102612.

Iovino L, et al. (2026) Autologous transplant for patients with chemotherapy-sensitive late relapse of diffuse large B-cell lymphoma. *Blood neoplasia*, 3(3), 100240.

Collantes L, et al. (2026) Three-dimensionally preserved appendages of the early Cambrian trilobite *Yunnanocephalus yunnanensis*. *PeerJ*, 14, e21095.

Zhao Q, et al. (2025) The relationship between resting EEG features and physical exercise among university students with depressive symptoms. *Scientific reports*, 15(1), 19839.

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

You C, et al. (2025) Spatiotemporal Transcriptomic Atlas Reveals the Regulatory Mechanisms Underlying Early Inflorescence Development and Sex Differentiation in Spinach. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(36), e07818.

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).

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.