

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

## BEAM

RRID:SCR\_007258

Type: Tool

### Proper Citation

BEAM (RRID:SCR\_007258)

### Resource Information

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

**Proper Citation:** BEAM (RRID:SCR\_007258)

**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 [nidm-terms](#) .

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.

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

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.

Jiang RD, et al. (2025) Impaired inflammatory resolution with severe SARS-CoV-2 infection in leptin knock out obese hamster. iScience, 28(2), 111837.

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.

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.

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.

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.

Geylan G, et al. (2025) PepINVENT: generative peptide design beyond natural amino acids. Chemical science, 16(20), 8682.

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

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.

Cai B, et al. (2025) Identification and validation of a KRAS-macrophage-associated gene signature as prognostic biomarkers and potential therapeutic targets in melanoma. *Frontiers in immunology*, 16, 1566432.

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).

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.

Li H, et al. (2025) Multiple cell types guided by neurocytes orchestrate horn bud initiation in dairy goats. *Genetics, selection, evolution : GSE*, 57(1), 34.

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.

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

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.