Resource Summary Report

Generated by T1D on Aug 1, 2026

Magic

RRID:SCR_006406
Type: Tool

Proper Citation

Magic (RRID:SCR_006406)

Resource Information

URL: http://bioinformatics.intec.ugent.be/magic/

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Description: Web based interface for exploring and analyzing a comprehensive maize-specific cross-platform expression compendium. This compendium was constructed by collecting, homogenizing and formally annotating publicly available microarrays from Gene Expression Omnibus (GEO), and ArrayExpress.

Abbreviations: MAGIC

Synonyms: MAGIC - MAize Gene expressIon Compendium, MAize Gene expressIon Compendium

Resource Type: data or information resource, database, service resource

Defining Citation: PMID:24407224

Keywords: gene expression, microarray, development stage, annotation, line, perturbation, gene, contrast, pathway, locus tag, bio.tools, FASEB list

Resource Name: Magic

Resource ID: SCR_006406

Alternate IDs: biotools:magic, OMICS_02206

Alternate URLs: https://bio.tools/magic

Record Creation Time: 20220129T080236+0000

Record Last Update: 20260731T042723+0000

Ratings and Alerts

No rating or validation information has been found for Magic.

No alerts have been found for Magic.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 706 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Dibaeinia P, et al. (2025) Interpretable AI for inference of causal molecular relationships from omics data. Science advances, 11(7), eadk0837.

Mucalo Katunaric L, et al. (2025) Molecular inflammatory expression profiles associated with the frequency of pain in individuals with sickle cell disease. Blood advances, 9(15), 3790.

König J, et al. (2025) Myeloid Mir34a suppresses colitis-associated colon cancer: characterization of mediators by single-cell RNA sequencing. Cell death and differentiation, 32(2), 225.

Plutenko I, et al. (2025) MRI-Seed-Wizard: combining deep learning algorithms with magnetic resonance imaging enables advanced seed phenotyping. Journal of experimental botany, 76(2), 393.

Yan Q, et al. (2025) Spatial histology and gene-expression representation and generative learning via online self-distillation contrastive learning. Briefings in bioinformatics, 26(4).

Li L, et al. (2025) Magnetically induced magnetosome chain (MAGiC): A biogenic magnetic-particle-imaging tracer with high performance and navigability. Science advances, 11(31), eadv2485.

Kong J, et al. (2025) Efficacy and safety of olverembatinib as maintenance therapy after allogeneic hematopoietic cell transplantation in Philadelphia chromosome-positive acute lymphoblastic leukemia. Annals of hematology, 104(1), 801.

Saelens W, et al. (2025) ChromatinHD connects single-cell DNA accessibility and conformation to gene expression through scale-adaptive machine learning. Nature communications, 16(1), 317.

Borchert F, et al. (2025) High-precision information retrieval for rapid clinical guideline updates. NPJ digital medicine, 8(1), 227.

Zhao M, et al. (2025) ANGPTL3 orchestrates hepatic fructose sensing and metabolism. Cell reports, 44(7), 115962.

Ma Z, et al. (2025) Diagnostic value of [18F]PSMA-1007 PET/CT based on PRIMARY score combined with mpMRI in clinically significant prostate cancer. Frontiers in oncology, 15, 1589212.

Atkins K, et al. (2025) Unlocking the power of AI for phenotyping fruit morphology in Arabidopsis. GigaScience, 14.

Le Grand S, et al. (2025) HLA evolutionary divergence score after donor lymphocyte infusion following allogeneic hematopoietic stem cell transplantation. HemaSphere, 9(2), e70088.

Hirschel T, et al. (2025) Clinicians' experience with infographic summaries from the BMJ Rapid Recommendations: a qualitative user-testing study among residents and interns at a large teaching hospital in Switzerland. BMJ open, 15(2), e083032.

Soler-Garzón A, et al. (2025) Mapping resistance to Sclerotinia white mold in two pinto bean recombinant inbred line populations. The plant genome, 18(1), e20538.

Moya-Sáez E, et al. (2025) Brain tumor enhancement prediction from pre-contrast conventional weighted images using synthetic multiparametric mapping and generative artificial intelligence. Quantitative imaging in medicine and surgery, 15(1), 42.

Giordano U, et al. (2025) Impact of First- and Second-Generation Tyrosine Kinase Inhibitors on the Development of Graft-Versus-Host Disease in Individuals with Chronic Myeloid Leukemia: A Retrospective Analysis on Behalf of the Polish Adult Leukemia Group. Biomedicines, 13(1).

Crnkovic S, et al. (2025) Adventitial fibroblasts direct smooth muscle cell-state transition in pulmonary vascular disease. eLife, 13.

Cheng D, et al. (2025) Synthetic MRI study of brain volume and subcortical myelin in various Parkinson's disease motor subtypes. NPJ Parkinson's disease, 11(1), 255.

Moorman A, et al. (2025) Progressive plasticity during colorectal cancer metastasis. Nature, 637(8047), 947.