Resource Summary Report

Generated by dkNET on Apr 16, 2025

Magic

RRID:SCR_006406

Type: Tool

Proper Citation

Magic (RRID:SCR_006406)

Resource Information

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

Proper Citation: Magic (RRID:SCR_006406)

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: database, service resource, data or information resource

Defining Citation: PMID:24407224

Keywords: gene expression, microarray, development stage, annotation, line, perturbation,

gene, contrast, pathway, locus tag, bio.tools, FASEB list

Funding:

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: 20250416T063436+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 683 mentions in open access literature.

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

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.

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.

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.

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).

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.

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

Werr L, et al. (2025) TERT Expression and Clinical Outcome in Pulmonary Carcinoids.

Journal of clinical oncology: official journal of the American Society of Clinical Oncology, 43(2), 214.

Wang R, et al. (2025) Mediators of the association between nut consumption and cardiovascular diseases: a two-step mendelian randomization study. Scientific reports, 15(1), 829.

Yuan C, et al. (2025) The impact of metabolic syndrome on hepatocellular carcinoma: a mendelian randomization study. Scientific reports, 15(1), 1941.

Jang D, et al. (2025) RNA N6-Methyladenosine-Binding Protein YTHDFs Redundantly Attenuate Cancer Immunity by Downregulating IFN-? Signaling in Gastric Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(3), e2410806.

Yin M, et al. (2025) sc2GWAS: a comprehensive platform linking single cell and GWAS traits of human. Nucleic acids research, 53(D1), D1151.

Juzenas S, et al. (2025) inDrops-2: a flexible, versatile and cost-efficient droplet microfluidic approach for high-throughput scRNA-seq of fresh and preserved clinical samples. Nucleic acids research, 53(2).

Zheng Z, et al. (2024) Evaluating T1, T2 Relaxation, and Proton Density in Normal Brain Using Synthetic MRI with Fast Imaging Protocol. Magnetic resonance in medical sciences: MRMS: an official journal of Japan Society of Magnetic Resonance in Medicine, 23(4), 514.

Yang J, et al. (2024) Targeting YAP1-regulated Glycolysis in Fibroblast-Like Synoviocytes Impairs Macrophage Infiltration to Ameliorate Diabetic Osteoarthritis Progression. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(5), e2304617.

Sehgal M, et al. (2024) Characterizing heterogeneity along EMT and metabolic axes in colorectal cancer reveals underlying consensus molecular subtype-specific trends. Translational oncology, 40, 101845.

Cuozzo F, et al. (2024) LDHB contributes to the regulation of lactate levels and basal insulin secretion in human pancreatic? cells. Cell reports, 43(4), 114047.

Marsh K, et al. (2024) Development of WHO Recommendations for the Final Phase of Elimination and Prevention of Re-Establishment of Malaria. The American journal of tropical medicine and hygiene, 110(4_Suppl), 3.

Wang Q, et al. (2024) Causal relationship between diabetes mellitus, glycemic traits and Parkinson's disease: a multivariable mendelian randomization analysis. Diabetology & metabolic syndrome, 16(1), 59.

Bi Y, et al. (2024) White blood cells and type 2 diabetes: A Mendelian randomization study. PloS one, 19(3), e0296701.

Carvalho S, et al. (2024) SRRM2 splicing factor modulates cell fate in early development. Biology open, 13(4).