Resource Summary Report

Generated by NIF on Apr 18, 2025

MAGENTA

RRID:SCR_003422
Type: Tool

Proper Citation

MAGENTA (RRID:SCR_003422)

Resource Information

URL: http://www.broadinstitute.org/mpg/magenta/

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Description: A computational tool that tests for enrichment of genetic associations in predefined biological processes or sets of functionally related genes, using genome-wide genetic data as input.

Abbreviations: MAGENTA

Synonyms: Meta-Analysis Gene-set Enrichment of variaNT Associations

Resource Type: software resource

Defining Citation: PMID:20714348

Funding:

Resource Name: MAGENTA

Resource ID: SCR_003422

Alternate IDs: OMICS_00236

Record Creation Time: 20220129T080218+0000

Record Last Update: 20250410T065005+0000

Ratings and Alerts

No rating or validation information has been found for MAGENTA.

No alerts have been found for MAGENTA.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 137 mentions in open access literature.

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

Weihrich KS, et al. (2025) Relating Photoperiod and Outdoor Temperature With Sleep Architecture in Patients With Neuropsychiatric Sleep Disorders. Journal of pineal research, 77(1), e70030.

Hamami E, et al. (2025) Identification of determinants that allow maintenance of high-level fluoroquinolone resistance in Acinetobacter baumannii. mBio, 16(1), e0322124.

Takada H, et al. (2024) A role for the S4-domain containing protein YlmH in ribosome-associated quality control in Bacillus subtilis. Nucleic acids research, 52(14), 8483.

Garobbio S, et al. (2024) Understanding visual perception in visual snow syndrome: a battery of psychophysical tests plus the 30-day clinical diary. Brain communications, 6(5), fcae341.

Cruz-González S, et al. (2024) Methylation Clocks Do Not Predict Age or Alzheimer's Disease Risk Across Genetically Admixed Individuals. bioRxiv : the preprint server for biology.

Ang AJY, et al. (2024) Developing a production workflow for 3D-printed temporal bone surgical simulators. 3D printing in medicine, 10(1), 16.

Weible Ii MW, et al. (2024) BMPRII+ neural precursor cells isolated and characterized from organotypic neurospheres: an in vitro model of human fetal spinal cord development. Neural regeneration research, 19(2), 447.

Gaunt DM, et al. (2024) Graded exercise therapy compared to activity management for paediatric chronic fatigue syndrome/myalgic encephalomyelitis: pragmatic randomized controlled trial. European journal of pediatrics, 183(5), 2343.

Ma R, et al. (2024) Chimeric antigen receptor-induced antigen loss protects CD5.CART cells from fratricide without compromising on-target cytotoxicity. Cell reports. Medicine, 5(7), 101628.

Hamami E, et al. (2024) Identification of Determinants that Allow Maintenance of High-Level

Fluoroquinolone Resistance in Acinetobacter baumannii. bioRxiv : the preprint server for biology.

Golzar H, et al. (2024) Genetic mapping of loci affecting seedling and adult-plant resistance to powdery mildew derived from two CIMMYT wheat lines. Planta, 260(1), 13.

Losilla M, et al. (2023) Molecular evolution of the ependymin-related gene epdl2 in African weakly electric fish. G3 (Bethesda, Md.), 13(3).

Narganes-Carlón D, et al. (2023) A publication-wide association study (PWAS), historical language models to prioritise novel therapeutic drug targets. Scientific reports, 13(1), 8366.

Hoernstein SNW, et al. (2023) A deeply conserved protease, acylamino acid-releasing enzyme (AARE), acts in ageing in Physcomitrella and Arabidopsis. Communications biology, 6(1), 61.

Sargsyan A, et al. (2023) HGFAC is a ChREBP-regulated hepatokine that enhances glucose and lipid homeostasis. JCI insight, 8(1).

Liu CW, et al. (2023) The dosimetric impact of titanium implants in spinal SBRT using four commercial treatment planning algorithms. Journal of applied clinical medical physics, 24(10), e14070.

Garske KM, et al. (2023) Increased body mass index is linked to systemic inflammation through altered chromatin co-accessibility in human preadipocytes. Nature communications, 14(1), 4214.

Patasova K, et al. (2022) A genome-wide analysis of 340?318 participants identifies four novel loci associated with the age of first spectacle wear. Human molecular genetics, 31(17), 3012.

Placido D, et al. (2022) Downregulation of Squalene Synthase Broadly Impacts Isoprenoid Biosynthesis in Guayule. Metabolites, 12(4).

Handelman SK, et al. (2022) Population-based meta-analysis and gene-set enrichment identifies FXR/RXR pathway as common to fatty liver disease and serum lipids. Hepatology communications, 6(11), 3120.