Mouse Genome Informatics (MGI)

RRID:SCR_006460
Type: Tool

Proper Citation

Mouse Genome Informatics (MGI) (RRID:SCR_006460)

Resource Information

URL: http://www.informatics.jax.org

Description: International database for laboratory mouse. Data offered by The Jackson Laboratory includes information on integrated genetic, genomic, and biological data. MGI creates and maintains integrated representation of mouse genetic, genomic, expression, and phenotype data and develops reference data set and consensus data views, synthesizes comparative genomic data between mouse and other mammals, maintains set of links and collaborations with other bioinformatics resources, develops and supports analysis and data submission tools, and provides technical support for database users. Projects contributing to this resource are: Mouse Genome Database (MGD) Project, Gene Expression Database (GXD) Project, Mouse Tumor Biology (MTB) Database Project, Gene Ontology (GO) Project at MGI, and MouseCyc Project at MGI.

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Resource Type: Resource, data or information resource, database

Keywords: molecular neuroanatomy resource, human health, human disease, animal model, gene expression, phenotype, genotype, gene, pathway, orthology, tumor, strain, single nucleotide polymorphism, recombiningase, function, blast, image, pathology, model, data analysis service, genome, genetics, gold standard

Resource ID: SCR_006460

Parent Organization: Jackson Laboratory

Funding Agency: NCI, NHGRI, NICHD
**Related resources:** MONARCH Disease Models View, MouseCyc, AmiGO, Gene Expression Database, Bgee: a dataBase for Gene Expression Evolution, HomoloGene, Rat Gene Symbol Tracker, Enhancer Trap Line Browser, Integrated Brain Gene Expression, MalaCards, Gene Ontology, BioMart Project, NIH Data Sharing Repositories, RIKEN integrated database of mammals, JAX Neuroscience Mutagenesis Facility, PhenoGO, Mouse Models of Human Cancer

**References:** PMID:19274630, PMID:18428715

**Availability:** Free, Freely available

**Website Status:** Last checked up

**Alternate IDs:** nif-0000-00096, OMICS_01656


**Abbreviations:** MGI

**Mentions Count:** 648

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**Ratings and Alerts**

No rating or validation information has been found for Mouse Genome Informatics (MGI).

No alerts have been found for Mouse Genome Informatics (MGI).

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**Data and Source Information**

**Source:** SciCrunch Registry

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**Usage and Citation Metrics**

We found 648 mentions in open access literature.

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


Huang M, et al. (2019) BLINK: a package for the next level of genome-wide association studies with both individuals and markers in the millions. GigaScience, 8(2).


