

Resource Summary Report

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MUGEN Mouse Database

RRID:SCR_003243

Type: Tool

Proper Citation

MUGEN Mouse Database (RRID:SCR_003243)

Resource Information

URL: <http://www.mugen-noe.org/database/>

Proper Citation: MUGEN Mouse Database (RRID:SCR_003243)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on January 5, 2023. MUGEN Mouse Database (MMdb) is a virtual and fully searchable repository of murine models of immune processes and immunological diseases. MMdb is being developed within the context of the MUGEN network of Excellence, a consortium of 21 leading research institutes and universities, and currently holds all mutant mouse models that were developed within the consortium. Its primary aim is to enable information exchange between participating institutions on mouse strain characteristics and availability. More importantly, it aims to create a mouse-centric international forum on modelling of immunological diseases and pave the way to systems biology of the mouse by correlating various genotypic and phenotypic characteristics. The basic categorization of models is based on three major research application categories: * Model of Human Disease * Model of Immune Processes * Transgenic Tool Mutant strains carry detailed information on affected gene(s), mutant alleles and genetic background (DNA origin, targeted, host and backcrossing background). Each gene/transgene index also includes IDs and direct links to Ensembl (EBI's genome browser), ArrayExpress (providing expression profiles), Eurexpress II (for embryonic expression patterns) and NCBI's Entrez Gene database. Phenotypic description is standardized and hierarchically structured, based on MGI's mammalian phenotypic ontology terms, but also includes relevant images and references. Since version 2.1.0 MMdb is also utilizing PATO. Availability (in the form of live mice, cryopreserved embryos or sperm, as well as ES cells) is clearly indicated, along with handling and genotyping details (in the form of documents or hyperlinks) and all relevant contact information (including EMMA and JAX hyperlinks where available).

Abbreviations: MMdb

Resource Type: organism supplier, biomaterial supply resource, material resource

Defining Citation: [PMID:17932065](https://pubmed.ncbi.nlm.nih.gov/17932065/)

Keywords: murine model, immune process, immunological disease, mutant, mouse model, gene, phenotype, transgenic, genotype, allele, phenotype, transgene, live mouse, embryo, sperm, embryonic stem cell

Related Condition: Immunological disease

Funding: European Union ;
CASIMR

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: MUGEN Mouse Database

Resource ID: SCR_003243

Alternate IDs: nif-0000-03171

Record Creation Time: 20220129T080217+0000

Record Last Update: 20260729T044038+0000

Ratings and Alerts

No rating or validation information has been found for MUGEN Mouse Database.

No alerts have been found for MUGEN Mouse Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Chandras C, et al. (2012) CreZOO--the European virtual repository of Cre and other targeted conditional driver strains. Database : the journal of biological databases and curation, 2012, bas029.

Chandras C, et al. (2009) Models for financial sustainability of biological databases and resources. Database : the journal of biological databases and curation, 2009, bap017.