

databases (/databases) >  
doi:10.25504/fairsharing.g2fjt2

## European Mouse Mutant Archive

Abbreviation:EMMA

RECOMMENDED

### General Information



The European Mouse Mutant Archive (EMMA) is a non-profit repository for the collection, archiving (via cryopreservation) and distribution of relevant mutant strains essential for basic biomedical research. The laboratory mouse is the most important mammalian model for studying genetic and multi-factorial diseases in man. Thus the work of EMMA will play a crucial role in exploiting the tremendous potential benefits to human health presented by the current research in mammalian genetics.

**Homepage** <https://www.infrafrontier.eu> (<https://www.infrafrontier.eu>)






**Countries that developed this resource** [European Union \(/search/?q=&search\\_state=visible&countries=European+Union\)](/search/?q=&search_state=visible&countries=European+Union)

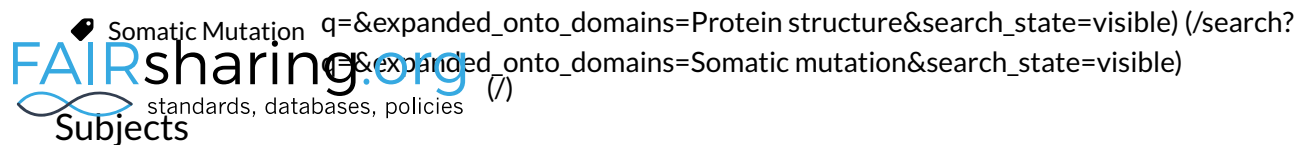
**Created in** 2009

### Taxonomic range

 [Mus musculus \(/search?q=&taxonomies=Mus musculus&search\\_state=visible\)](/search?q=&taxonomies=Mus+musculus&search_state=visible)  
 [Rattus norvegicus \(/search?q=&taxonomies=Rattus norvegicus&search\\_state=visible\)](/search?q=&taxonomies=Rattus+norvegicus&search_state=visible)

### Knowledge Domains

-  [Gene Knockout \(/search?q=&expanded\\_onto\\_domains=Gene Knockout&search\\_state=visible\)](/search?q=&expanded_onto_domains=Gene+Knockout&search_state=visible) [Model Organism \(/search?q=&expanded\\_onto\\_domains=Model Organisms&search\\_state=visible\)](/search?q=&expanded_onto_domains=Model+Organism&search_state=visible)
-  [Mutation Analysis \(/search?q=&expanded\\_onto\\_domains=mutation analysis&search\\_state=visible\)](/search?q=&expanded_onto_domains=mutation+analysis&search_state=visible)
-  [Nucleic Acid Sequence \(/search?q=&expanded\\_onto\\_domains=Nucleic acid sequence&search\\_state=visible\)](/search?q=&expanded_onto_domains=Nucleic+acid+sequence&search_state=visible)  
 [Point Mutation \(/search?q=&expanded\\_onto\\_domains=point\\_mutation&search\\_state=visible\)](/search?q=&expanded_onto_domains=point_mutation&search_state=visible)
-  [Protein Structure \(/search?q=&expanded\\_onto\\_domains=protein\\_structure&search\\_state=visible\)](/search?q=&expanded_onto_domains=protein_structure&search_state=visible)



Computational Biology ([/search?q=&expanded\\_onto\\_disciplines=Computational](/search?q=&expanded_onto_disciplines=Computational%20Biology&search_state=visible)

Genetics ([/search?](/search?q=&expanded_onto_disciplines=Genetics&search_state=visible)

[q=&expanded\\_onto\\_disciplines=Genetics&search\\_state=visible](/search?q=&expanded_onto_disciplines=Genetics&search_state=visible))

Life Science ([/search?q=&expanded\\_onto\\_disciplines=Life Science&search\\_state=visible](/search?q=&expanded_onto_disciplines=Life%20Science&search_state=visible))

Virology ([/search?q=&expanded\\_onto\\_disciplines=Virology&search\\_state=visible](/search?q=&expanded_onto_disciplines=Virology&search_state=visible))

## User-defined Tags

COVID-19 ([/search?q=&user\\_defined\\_tags=COVID-19&search\\_state=visible](/search?q=&user_defined_tags=COVID-19&search_state=visible))

## In the following recommendations:

[eLife Recommended Repositories and Standards](/recommendation/117) (/recommendation/117)



[PeerJ](/recommendation/172) (/recommendation/172)

**How to cite this record** FAIRsharing.org: EMMA; European Mouse Mutant Archive; DOI: <https://doi.org/10.25504/FAIRsharing.g2fjt2>; Last edited: May 1, 2020, 4:04 p.m.; Last accessed: Jan 19 2021 11:05 a.m. <sup>?</sup>

**Publication for citation** EMMA--mouse mutant resources for the international scientific community. Wilkinson P,Sengerova J,Matteoni R,Chen CK,Soulat G,Ureta-Vidal A,Fessele S,Hagn M,Massimi M,Pickford K,Butler RH,Marschall S,Mallon AM,Pickard A,Raspa M,Scavizzi F,Fray M,Larrigaldie V,Leyritz J,Birney E,Tocchini-Valentini GP,Brown S,Herault Y,Montoliu L,de Angelis MH,Smedley D; *Nucleic Acids Res* ; 2009; 10.1093/nar/gkp799 (<https://www.ncbi.nlm.nih.gov/pubmed/?term=19783817>); <sup>?</sup>

This record is maintained by INFRAFRONTIER (<mailto:info@infrafrontier.eu>) (INFRAFRONTIER-EMMA (</profile/INFRAFRONTIER-EMMA>))

Record updated: April 29, 2020, 8:45 a.m. by The FAIRsharing Team (</communities#team>).

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## Support

### General

FAQ (<https://www.infrafrontier.eu/procedures/faqs/faq-emma-repository>) FAQ EMMA repository (<https://www.infrafrontier.eu/procedures/faqs/faq-emma-repository>)

contact form (<https://www.infrafrontier.eu/contact>) INFRAFRONTIER/EMMA contact form (<https://www.infrafrontier.eu/contact>)

support email General Enquiries (<mailto:info@infrafrontier.eu>)

online documentation (<https://www.infrafrontier.eu/procedures/legal-issues/emma-repository-conditions-and-mtas>) EMMA repository conditions and MTAs (<https://www.infrafrontier.eu/procedures/legal-issues/emma-repository-conditions-and-mtas>)

training (<https://www.infrafrontier.eu/resources-and-services/infrafrontier-training-and-consulting-services>) INFRAFRONTIER training and consulting services (<https://www.infrafrontier.eu/resources-and-services/infrafrontier-training-and-consulting-services>)

twitter INFRAFRONTIER Twitter (<https://twitter.com/@infrafrontierEU>)

### Additional Information

Contact General Enquiries (<mailto:info@infrafrontier.eu>)

## Tools

## Access / Retrieve Data

### Conditions of Use

Applies to: Data use

EMMA repository conditions (<https://www.infrafrontier.eu/procedures/legal-issues/emma-repository-conditions-and-mtas>)

### Data Curation

Data Curation

No link recorded

### Data Access

EMMA Public Strain List

[https://www.infrafrontier.eu/search?keyword=browse\\_strain\\_types](https://www.infrafrontier.eu/search?keyword=browse_strain_types) ([https://www.infrafrontier.eu/search?keyword=browse\\_strain\\_types](https://www.infrafrontier.eu/search?keyword=browse_strain_types))

## Publications

EMMA--mouse mutant resources for the international scientific community.

Wilkinson P,Sengerova J,Matteoni R,Chen CK,Soulat G,Ureta-Vidal A,Fessele S,Hagn M,Massimi M,Pickford K,Butler RH,Marschall S,Mallon AM,Pickard A,Raspa M,Scavizzi F,Fray M,Larrigaldie V,Leyritz J,Birney E,Tocchini-Valentini GP,Brown S,Herault Y,Montoliu L,de Angelis MH,Smedley D  
 Nucleic Acids Res 2009

[View Paper \(PubMed\) \(http://identifiers.org/pubmed/19783817?resource=MIR:00100023\)](http://identifiers.org/pubmed/19783817?resource=MIR:00100023)

[View Publication \(http://dx.doi.org/10.1093/nar/gkp799\)](http://dx.doi.org/10.1093/nar/gkp799)

EMMA--the European mouse mutant archive.

Hagn M,Marschall S,Hrabe de Angelis M  
 Brief Funct Genomic Proteomic 2007

## Related Standards

### Reporting Guidelines

No guidelines defined

### Terminology Artifacts

Disease Ontology (/bsg-s000093)

Medical Subject Headings (/bsg-s000294)

Orphanet Rare Diseases Ontology (/bsg-s002716)

### Models and Formats

No syntax standards defined

### Identifier Schemas

No identifier schema standards defined

### Metrics

No metrics standards defined

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## Related Databases

No related databases defined

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## Implementing Policies

Nature Publishing Group - Nature Cell Biology - Availability of Data and materials (/policy/2041)

Nature Publishing Group - Nature Genetics - Availability of Data and materials (/policy/2044)

Springer Nature Research Data Policy Type 1 (/policy/2845)

Nature Publishing Group - Nature Biotechnology - Availability of Data and materials (/policy/2040)

Springer Nature - Nature Chemistry - Availability of Data and materials (/policy/2043)



eLife Recommended Repositories and Standards (/policy/3532)

Springer Nature - Nature Immunology - Availability of Data and materials (/policy/2045)

Springer Nature - Nature Methods - Availability of Data and Materials (/policy/2048)

Springer Nature - Nature Medicine - Availability of Data and materials (/policy/2047)

Springer Nature Research Data Policy Type 2 (for life sciences) (/policy/2846)

PeerJ Data and Materials Sharing Policies (/policy/4253)

Springer Nature Research Data Policy Type 4 (/policy/2850)

Springer Nature Research Data Policy Type 3 (for life sciences) (/policy/2848)

Springer Nature Research Data Policy Type 2 (/policy/2847)

Springer Nature Research Data Policy Type 3 (/policy/2849)

Springer Nature - Research Data Policies (/policy/2222)

Nature Publishing Group - Nature Structural & Molecular Biology - Availability of Data and materials (/policy/2053)

Nature Publishing Group - Nature Chemical Biology - Availability of Data and materials (/policy/2042)

Springer Nature - Nature Photonics - Availability of Data and materials (/policy/2051)

Springer Nature - Nature Nanotechnology - Availability of Data and materials (/policy/2049)

Nature Publishing Group - Nature Materials - Availability of Data and materials (/policy/2046)

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## Credit

### Record Maintainer

This record is maintained by INFRAFRONTIER (mailto:info@infrafrontier.eu) (INFRAFRONTIER-EMMA (/profile/INFRAFRONTIER-EMMA))

### Funds

European Commission FP7 (https://ec.europa.eu/research/fp7/index\_en.cfm) (Government body)

European Comission Horizon 2020 (https://ec.europa.eu/programmes/horizon2020/en) (Government body)

### Maintains

Infrafrontier Research Infrastructure, Infrafrontier Gmbh, Munich, Germany

(https://www.infrafrontier.eu/infrafrontier-research-infrastructure) (Government body) Lead

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## Developed by

The FAIRsharing team (/communities#team)  
Data Readiness Group (<https://sansonegroup.eng.ox.ac.uk/>)  
University of Oxford (<http://www.ox.ac.uk>)

## Contact Us

✉ Email us for all enquiries ([mailto:contact@fairsharing.org?subject=FAIRsharing Issue](mailto:contact@fairsharing.org?subject=FAIRsharing%20Issue))

Facebook (<https://www.facebook.com/fairsharing>)

Twitter ([https://www.twitter.com/fairsharing\\_org](https://www.twitter.com/fairsharing_org))

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