Resource Summary Report

Generated by NIF on Sep 17, 2026

European Mouse Mutant Archive

RRID:SCR_006136
Type: Tool

Proper Citation

European Mouse Mutant Archive (RRID:SCR_006136)

Resource Information

URL: https://www.infrafrontier.eu/emma/

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Description: Non-profit repository for the collection, archiving (via cryopreservation) and distribution of relevant mutant strains essential for basic biomedical research. Users may browse by strain, gene, phenotype, or human disease. Its primary objective is to establish and manage a unified repository for maintaining medically relevant mouse mutants and making them available to the scientific community. Therefore, EMMA archives mutant strains and distributes them to requesting researchers. EMMA also hosts courses in cryopreservation, to promote the use and dissemination of frozen embryos and spermatozoa. Dissemination of knowledge is further fostered by a dedicated resource database. Anybody who wants their mutant mouse strains cryopreserved may deposit strains with EMMA. However depositors must be aware that these strains become freely available to other researchers after being deposited.With more than 8400 mutant mouse strains and asmall but increasing number of rat mutant strains available, EMMA is the primary mouse repository in Europe and the third largest non-profit repository worldwide.

Abbreviations: EMMA

Synonyms: European Mouse Mutant Archive - EMMA, European Mouse Mutant Archive (EMMA)

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

Defining Citation: PMID:19783817, PMID:17709347

Keywords: RIN, Resource Information Network, mutant mouse repository, mouse, mutant strain, mutant mouse strain, , RRID Community Authority

Funding: partner institutions ;
national research programmes ;
European Union

Availability: Public, Free to researchers

Resource Name: European Mouse Mutant Archive

Resource ID: SCR_006136

Alternate IDs: nlx_151625

Alternate URLs: https://www.infrafrontier.eu

Old URLs: emmanet.org

Record Creation Time: 20220129T080234+0000

Record Last Update: 20260912T195635+0000

Ratings and Alerts

No rating or validation information has been found for European Mouse Mutant Archive.

No alerts have been found for European Mouse Mutant Archive.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 64 mentions in open access literature.

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

Meng J, et al. (2026) Antisense oligonucleotides reverse SPTLC1-related hereditary sensory neuropathy in a mouse model. Brain : a journal of neurology, 149(6), 2059.

Skrupskelyte G, et al. (2026) Precancerous niche remodelling dictates nascent tumour persistence. Nature, 653(8113), 242.

Antonopoulou G, et al. (2025) Generation of New Knock-Out Mouse Strains of Lysophosphatidic Acid Receptor 1. International journal of molecular sciences, 26(6).

Stewart BM, et al. (2025) Membrane asymmetry facilitates murine norovirus entry and persistent enteric infection. PLoS biology, 23(4), e3003147.

Martins FL, et al. (2025) Unique Role of Proximal Tubule Dipeptidyl Peptidase 4 on Blood Pressure, Renal Sodium Handling, and Na+/H+ Exchanger Isoform 3 Phosphorylation. Acta physiologica (Oxford, England), 241(12), e70127.

Chen Z, et al. (2025) Oxidative pentose phosphate pathway is required for T cell activation and antitumor immunity. Proceedings of the National Academy of Sciences of the United States of America, 122(49), e2516288122.

Cremin M, et al. (2025) Substance P receptor signaling contributes to host maladaptive responses during enteric bacterial infection. Proceedings of the National Academy of Sciences of the United States of America, 122(7), e2415287122.

Bejar MT, et al. (2025) Lifting regenerative barriers promotes epithelial cell fate plasticity supporting lineage conversion. Nature communications, 16(1), 11305.

??rd T, et al. (2025) Single-cell to pre-clinical evaluation of Trem2, Folr2, and Slc7a7 as macrophage-associated biomarkers for atherosclerosis. Cardiovascular research, 121(16), 2503.

Hiltunen AE, et al. (2025) Altered behaviour and immune response in mice with NHLRC2 p.Asp148Tyr variant. Brain, behavior, & immunity - health, 46, 101020.

Koch J, et al. (2025) Benchmarking of Trapped Ion Mobility Spectrometry in Differentiating Plasmalogens from Other Ether Lipids in Lipidomics Experiments. Analytical chemistry, 97(20), 10578.

Lecointre M, et al. (2025) HPV16-Expressing Tumors Release Multiple IL1 Ligands to Orchestrate Systemic Immunosuppression Whose Disruption Enables Efficacy of a Therapeutic Vaccine. Cancer discovery, 15(7), 1458.

Ehlich H, et al. (2025) A quality framework for cryopreserved rodent disease models: INFRAFRONTIER quality principles in EMMA archiving and distribution. Mammalian genome : official journal of the International Mammalian Genome Society, 37(1), 10.

Sangar D, et al. (2024) Syntaxin-6 delays prion protein fibril formation and prolongs the presence of toxic aggregation intermediates. eLife, 13.

Holl D, et al. (2024) Distinct origin and region-dependent contribution of stromal fibroblasts to fibrosis following traumatic injury in mice. Nature neuroscience, 27(7), 1285.

Nedomova M, et al. (2024) DDI2 protease controls embryonic development and inflammation via TCF11/NRF1. iScience, 27(10), 110893.

Moorwood K, et al. (2024) Imprinted Grb10, encoding growth factor receptor bound protein 10, regulates fetal growth independently of the insulin-like growth factor type 1 receptor (Igf1r) and insulin receptor (Insr) genes. BMC biology, 22(1), 127.

Das D, et al. (2024) Loss-of-function of RNA-binding protein PRRC2B causes translational defects and congenital cardiovascular malformation. medRxiv : the preprint server for health sciences.

Tomar A, et al. (2024) Epigenetic inheritance of diet-induced and sperm-borne mitochondrial RNAs. Nature, 630(8017), 720.

Kibalnyk Y, et al. (2024) The chromatin regulator Ankrd11 controls cardiac neural crest cell-mediated outflow tract remodeling and heart function. Nature communications, 15(1), 4632.