

Resource Summary Report

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University of California at Davis Mutant Mouse Resource and Research Center

RRID:SCR_016448

Type: Tool

Proper Citation

University of California at Davis Mutant Mouse Resource and Research Center
(RRID:SCR_016448)

Resource Information

URL: <http://mmrrc.ucdavis.edu/>

Proper Citation: University of California at Davis Mutant Mouse Resource and Research Center (RRID:SCR_016448)

Description: Center that imports, archives, maintains, and distributes mutant mouse alleles as live mice, frozen germplasm, stem cells, and molecular vectors for use in biomedical research. The MMRRC Davis receives transgenics, knockouts, and other kinds of mutant mouse lines at no cost to the donor, and after re-derivation and cryopreservation, distributes breeding stock, germplasm, cells, or tissues of genetically-defined and pathogen-free mice for a small fee to requesting investigators.

Abbreviations: MMRRC UCD, UCD MMRRC

Synonyms: Mutant Mouse Resource and Research Center UC Davis, Davis MMRRC, UCD Mutant Mouse Resource and Research Center, UC Davis MMRRC, UC Davis Mutant Mouse Resource and Research Center, Mutant Mouse Resource and Research Center - UCD, Mutant Mouse Resource and Research Center - University of California at Davis, California MMRRC

Resource Type: biomaterial supply resource, material resource

Keywords: ABRF, USEDit, mouse, mice, research, genetic, mutant, mutation, transgenic, knockout, research, animal, behavior

Funding: NIH Office of the Director U42 OD010983;
NIH Office of the Director U42 OD012210

Resource Name: University of California at Davis Mutant Mouse Resource and Research Center

Resource ID: SCR_016448

Alternate IDs: ABRF_1650

Alternate URLs: <https://coremarketplace.org/?FacilityID=1650&citation=1>

Record Creation Time: 20220129T080330+0000

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Ratings and Alerts

No rating or validation information has been found for University of California at Davis Mutant Mouse Resource and Research Center.

No alerts have been found for University of California at Davis Mutant Mouse Resource and Research Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 189 mentions in open access literature.

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

Butovich IA, et al. (2025) Lipid composition determines thermotropic properties of meibum of animals and humans with Meibomian gland disorders. bioRxiv : the preprint server for biology.

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Amos-Landgraf J, et al. (2022) The Mutant Mouse Resource and Research Center (MMRRC): the NIH-supported National Public Repository and Distribution Archive of Mutant Mouse Models in the USA. Mammalian genome : official journal of the International Mammalian Genome Society, 33(1), 203.

Su-Feher L, et al. (2022) Single cell enhancer activity distinguishes GABAergic and cholinergic lineages in embryonic mouse basal ganglia. Proceedings of the National Academy of Sciences of the United States of America, 119(15), e2108760119.

Melo US, et al. (2021) Biallelic UBE4A loss-of-function variants cause intellectual disability and global developmental delay. *Genetics in medicine : official journal of the American College of Medical Genetics*, 23(4), 661.

Li J, et al. (2021) Macrophage-Regulatory T Cell Interactions Promote Type 2 Immune Homeostasis Through Resistin-Like Molecule ?. *Frontiers in immunology*, 12, 710406.

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Blake JA, et al. (2021) Mouse Genome Database (MGD): Knowledgebase for mouse-human comparative biology. *Nucleic acids research*, 49(D1), D981.

Lindquist KA, et al. (2021) Identification of Trigeminal Sensory Neuronal Types Innervating Masseter Muscle. *eNeuro*, 8(5).

Na H, et al. (2021) Oral Amylin Treatment Reduces the Pathological Cascade of Alzheimer's Disease in a Mouse Model. *American journal of Alzheimer's disease and other dementias*, 36, 15333175211012867.

Yasuda S, et al. (2021) Loss of sphingosine 1-phosphate receptor 3 gene function impairs injury-induced stromal angiogenesis in mouse cornea. *Laboratory investigation; a journal of technical methods and pathology*, 101(2), 245.

Hymel LA, et al. (2021) Modulating local S1P receptor signaling as a regenerative immunotherapy after volumetric muscle loss injury. *Journal of biomedical materials research. Part A*, 109(5), 695.

Gleeson D, et al. (2021) High-throughput genotyping of high-homology mutant mouse strains by next-generation sequencing. *Methods (San Diego, Calif.)*, 191, 78.

Warsi S, et al. (2021) BMP signaling is required for postnatal murine hematopoietic stem cell self-renewal. *Haematologica*, 106(8), 2203.

Yamaguchi Y, et al. (2021) Gpr19 is a circadian clock-controlled orphan GPCR with a role in modulating free-running period and light resetting capacity of the circadian clock. *Scientific reports*, 11(1), 22406.