

Resource Summary Report

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Mutant Mouse Resource and Research Center - University of North Carolina

RRID:SCR_016449

Type: Tool

Proper Citation

Mutant Mouse Resource and Research Center - University of North Carolina
(RRID:SCR_016449)

Resource Information

URL: <https://www.med.unc.edu/mmrc/>

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Description: Center that is a mouse cryoarchive and distribution center, which incorporates research goals that synergize with and extend the value of the resource. The goals of the UNC Chapel Hill center are to streamline and improve operating procedures, establish a comprehensive cryoarchive, develop and disseminate computational tools for mouse genotyping, and examine the effect of paternal age and epigenetics on mutation rate.

Abbreviations: UNC MMRRRC, MMRRRC UNC, MMRRRC UNCCH

Synonyms: Mutant Mouse Resource and Research Center University of North Carolina, Mutant Mouse Resource and Research Center UNC, UNC Chapel Hill MMRRRC, University of North Carolina Mutant Mouse Resource and Research Center, UNC Chapel Hill Mutant Mouse Resource and Research Center

Resource Type: biomaterial supply resource, material resource

Keywords: mouse, cryogenic, mice, transgenic, knockout, genetic, mutant, mutation, epigenetics, research, animal

Funding: NIH Office of the Director U42 OD010924

Resource Name: Mutant Mouse Resource and Research Center - University of North Carolina

Resource ID: SCR_016449

Record Creation Time: 20220129T080330+0000

Record Last Update: 20260912T200254+0000

Ratings and Alerts

No rating or validation information has been found for Mutant Mouse Resource and Research Center - University of North Carolina.

No alerts have been found for Mutant Mouse Resource and Research Center - University of North Carolina.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Blanchard MW, et al. (2024) The updated mouse universal genotyping array bioinformatic pipeline improves genetic QC in laboratory mice. G3 (Bethesda, Md.), 14(10).

Agca Y, et al. (2024) The mutant mouse resource and research center (MMRRC) consortium: the US-based public mouse repository system. Mammalian genome : official journal of the International Mammalian Genome Society, 35(4), 524.

Snouwaert JN, et al. (2023) Human ACE2 expression, a major tropism determinant for SARS-CoV-2, is regulated by upstream and intragenic elements. PLoS pathogens, 19(2), e1011168.