

Resource Summary Report

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Nebraska University Medical Center Mouse Genome Engineering Core Facility

RRID:SCR_017755

Type: Tool

Proper Citation

Nebraska University Medical Center Mouse Genome Engineering Core Facility
(RRID:SCR_017755)

Resource Information

URL: <https://www.unmc.edu/vcr/cores/vcr-cores/mgec/index.html>

Proper Citation: Nebraska University Medical Center Mouse Genome Engineering Core Facility (RRID:SCR_017755)

Description: Core Facility provides expertise and advice for experimental design of transgenic or gene knockout experiments, including DNA construct production and genotyping assays, makes reagents available for generation of transgene or gene targeting constructs, and performs all experimental aspects, which include pronuclear injection of transgene constructs, generation of recombinant mouse ES cells, blastocyst injection, and embryo transfer surgeries, for generation or rederivation of genetically manipulated mouse strains. Transgenic founder mice or chimeric animals with targeted alleles are then transferred to individual investigator for analysis.

Synonyms: UNMC Mouse Genome Engineering Core Facility

Resource Type: access service resource, core facility, service resource

Keywords: Transgenic, gene, knockout, mice, experiment, DNA, construction, production, genotyping, assay, construct, injection, recombinant, ES cell, blastocyst, embryo, surgery, chimeric, animal, analysis, service, core

Availability: Open

Resource Name: Nebraska University Medical Center Mouse Genome Engineering Core Facility

Resource ID: SCR_017755

Alternate IDs: ABRF_277

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260805T044413+0000

Ratings and Alerts

No rating or validation information has been found for Nebraska University Medical Center Mouse Genome Engineering Core Facility.

No alerts have been found for Nebraska University Medical Center Mouse Genome Engineering Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Du W, et al. (2023) Rescue of auditory function by a single administration of AAV-TMPRSS3 gene therapy in aged mice of human recessive deafness DFNB8. Molecular therapy : the journal of the American Society of Gene Therapy, 31(9), 2796.