

# Resource Summary Report

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## University of Texas Southwestern Medical Center Mouse Genome Engineering Core Facility

RRID:SCR\_017921

Type: Tool

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### Proper Citation

University of Texas Southwestern Medical Center Mouse Genome Engineering Core Facility (RRID:SCR\_017921)

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### Resource Information

**URL:** <https://cri.utsw.edu/facilities/mouse-genome-engineering-core/>

**Proper Citation:** University of Texas Southwestern Medical Center Mouse Genome Engineering Core Facility (RRID:SCR\_017921)

**Description:** Core provides production of mouse models to support fundamental and translational research. Provides transgenic, gene targeting, DNA microinjection services, CRISPR/Cas9 microinjection, ES cell manipulation and other microinjection services to generate transgenic mice, knock-in/knock-out mice and chimeric mice harboring select genetic mutations. Other services include mouse sperm cryopreservation and recovery, in vitro fertilization (IVF), rederivation of pathogen free mouse lines and derivation of mouse embryonic stem cell lines. Provides general consultations on experimental designs and vectors for gene modification-related projects, DNA preparation, recombinant ES clones, mouse genotyping, colony breeding and husbandry, customize services as requested to support development of animal models for modeling human diseases.

**Synonyms:** CRI Mouse Genome Engineering Core

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

**Keywords:** Production, mouse, model, translational, transgenic, gene, targeting, DNA, microinjection, CRISPR, Cas9, ES, cell, manipulation, knock in, knock out, chimeric, mutation, sperm, cryopreservation, recovery, in vitro, fertilization, rederivation, pathogen, free, line, service, core, ABRF

**Availability:** Open

**Resource Name:** University of Texas Southwestern Medical Center Mouse Genome Engineering Core Facility

**Resource ID:** SCR\_017921

**Alternate IDs:** ABRF\_814

**Record Creation Time:** 20220129T080337+0000

**Record Last Update:** 20260804T043710+0000

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## Ratings and Alerts

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

No alerts have been found for University of Texas Southwestern Medical Center Mouse Genome Engineering Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.