

Resource Summary Report

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University of Alberta Faculty of Medicine and Dentistry Transgenic Core Facility

RRID:SCR_019175

Type: Tool

Proper Citation

University of Alberta Faculty of Medicine and Dentistry Transgenic Core Facility
(RRID:SCR_019175)

Resource Information

URL: <https://www.ualberta.ca/medicine/research/corefacilities/transgenic-facility/index.html>

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Description: Core provides mouse transgenic and cryopreservation services including Sperm cryopreservation, Mouse in vitro fertilization, Mouse Rederivation, Transgenic Mouse Generation, DNA microinjection, CRISPR/Cas9-Mediated Genetically Engineered Mouse Production. Core equipment includes Hamilton Thorne Computer-Aided Sperm Analysis System, Sutter Xenoworks Micromanipulator, Sutter Xenoworks Digital Microinjector, Nikon TE2000 inverted microscope, MINC benchtop incubator, Leica M165 dissecting microscope.

Synonyms: Faculty of Medicine and Dentistry Transgenic Core

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

Keywords: USEDit, mouse transgenic service, cryopreservation, sperm cryopreservation, mouse in vitro fertilization, mouse rederivation, transgenic mouse generation, DNA microinjection, CRISPR/Cas9 mediated genetically engineered mouse production., ABRF, ABRF

Funding:

Resource Name: University of Alberta Faculty of Medicine and Dentistry Transgenic Core Facility

Resource ID: SCR_019175

Alternate IDs: ABRF_1075

Alternate URLs: <https://coremarketplace.org/?FacilityID=1075>

Record Creation Time: 20220129T080343+0000

Record Last Update: 20250412T060255+0000

Ratings and Alerts

No rating or validation information has been found for University of Alberta Faculty of Medicine and Dentistry Transgenic Core Facility.

No alerts have been found for University of Alberta Faculty of Medicine and Dentistry Transgenic Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Tan RSG, et al. (2024) Disruption of the c-terminal serine protease domain of Fam111a does not alter calcium homeostasis in mice. *Physiological reports*, 12(9), e15977.

Xia XD, et al. (2023) Global, but not chondrocyte-specific, MT1-MMP deficiency in adult mice causes inflammatory arthritis. *Matrix biology : journal of the International Society for Matrix Biology*, 122, 10.

Herbst A, et al. (2022) Susceptibility of Beavers to Chronic Wasting Disease. *Biology*, 11(5).

Castle AR, et al. (2022) Investigating CRISPR/Cas9 gene drive for production of disease-preventing prion gene alleles. *PloS one*, 17(6), e0269342.