

Resource Summary Report

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Brown University Transgenic and Gene Targeting Core Facility

RRID:SCR_017690

Type: Tool

Proper Citation

Brown University Transgenic and Gene Targeting Core Facility (RRID:SCR_017690)

Resource Information

URL: <https://www.brown.edu/research/facilities/transgenic-and-gene-targeting/home>

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Description: MTGTF is to support the investigators in using genetically modified mouse models in Brown University, affiliated hospitals and academic institutions in Rhode Island and other states. Provides services of molecular design and generation of transgenic and knock-out mouse models as well as general advice on use and management of such models. Conventional ES cell gene-targeting system is employed to serve as alternative or to fill the limitations of CRISPR/Cas9 system. Routine services include genotype analysis, sperm or embryo cryopreservation and storage, rederivation, in vitro fertilization (IVF). Other services, such as mouse vasectomy, embryo transfer, colony scale-up, intracytoplasmic sperm injection (ICSI) are also available. New services requiring MTGTF resources can be created through request.

Abbreviations: MTGTF

Synonyms: Mouse Transgenic and Gene Targeting Facility

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

Keywords: Genetically, modified, mouse, model, support, molecular, design, transgenic, knock-out, ES, cell, targeting, system, CRISPR/Cas9, genotype, analysis, sperm, embryo, cryopreservation, storage, fertilization, vasectomy, service, core

Funding: NIGMS P30 GM103410

Availability: Open

Resource Name: Brown University Transgenic and Gene Targeting Core Facility

Resource ID: SCR_017690

Alternate IDs: ABRF_79, SCR_017708

Record Creation Time: 20220129T080336+0000

Record Last Update: 20260731T043023+0000

Ratings and Alerts

No rating or validation information has been found for Brown University Transgenic and Gene Targeting Core Facility.

No alerts have been found for Brown University Transgenic and Gene Targeting Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.