

Resource Summary Report

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Harvard Medical School Dana Farber Harvard Cancer Center Mouse Engineering Core Facility

RRID:SCR_022950

Type: Tool

Proper Citation

Harvard Medical School Dana Farber Harvard Cancer Center Mouse Engineering Core Facility (RRID:SCR_022950)

Resource Information

URL: <https://www.dfhcc.harvard.edu/research/core-facilities/mouse-engineering/>

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Description: Core provides services for generation of transgenic and knockout mice. Provides Nikon Diaphot microscope equipped with Nomarski Optics and Narishige micromanipulators for microinjections, Nikon surgical microscopes for egg isolation and transfer, sutter needle puller and de Fonbrune microforge. Facility maintains mice necessary for egg donors, egg recipients, and vasectomized males. Core offers electroporation of targeting vectors into ES cells. Provides investigators with DNA to identify ES cells carrying desired recombination events and ES cell expansion for microinjection into blastocysts. Services also include CRISPR injections, sperm and embryo cryopreservation, and reanimation with fresh or frozen sperm via IVF or thawing and implanting embryos.

Synonyms: Harvard Medical School DF/HCC Mouse Engineering Core, DF/HCC Mouse Engineering Core

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

Keywords: USEDit, ABRF, generation of transgenic and knockout mice

Resource Name: Harvard Medical School Dana Farber Harvard Cancer Center Mouse Engineering Core Facility

Resource ID: SCR_022950

Alternate IDs: ABRF_1624

Alternate URLs: <https://coremarketplace.org/?FacilityID=1624&citation=1>

Record Creation Time: 20221109T050203+0000

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Ratings and Alerts

No rating or validation information has been found for Harvard Medical School Dana Farber Harvard Cancer Center Mouse Engineering Core Facility.

No alerts have been found for Harvard Medical School Dana Farber Harvard Cancer Center Mouse Engineering Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.