Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

Washington University School of Medicine Genome Engineering and Stem Cell Center Core Facility

RRID:SCR_023243
Type: Tool

Proper Citation

Washington University School of Medicine Genome Engineering and Stem Cell Center Core Facility (RRID:SCR_023243)

Resource Information

URL: http://GeneEditing.wustl.edu/

Proper Citation: Washington University School of Medicine Genome Engineering and Stem Cell Center Core Facility (RRID:SCR_023243)

Description: Provides support with technologies for cell and animal model needs. Services are ranging from CRISPR reagents with or without validation, to cancer/iPS cell line modification or animal model creation. Works closely with mouse cores from design, reagent validation to genotyping, process improvement and troubleshooting, when necessary. Provides next-generation sequencing (NGS) based human cell authentication and NGS-based genotyping services and general molecular biology assistance. Offers to culture, bank and store primary fibroblasts and renal epithelial cells from patient samples for investigators, and iPSC reprogramming service is provided from fibroblasts, RECs as well as peripheral blood mononuclear cells. Provides differentiation services on growing list of cell types.

Synonyms: Washington University School of Medicine Genome Engineering & Stem Cell Center (GESC@MGI), Genome Engineering & Stem Cell Center (GESC@MGI)

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

Keywords: USEDit, ABRF, cell and animal model technologies, CRISPR reagents, cancer/iPS cell line modification, animal model creation, next-generation sequencing, genotyping, culture, bank primary fibroblasts, store primary fibroblasts, renal epithelial cells, patient samples

Funding:

Availability: Open

Resource Name: Washington University School of Medicine Genome Engineering and Stem Cell Center Core Facility

Resource ID: SCR_023243

Alternate IDs: ABRF_808

Alternate URLs: https://coremarketplace.org/?FacilityID=808&citation=1

Record Creation Time: 20230207T050158+0000

Record Last Update: 20250412T060534+0000

Ratings and Alerts

No rating or validation information has been found for Washington University School of Medicine Genome Engineering and Stem Cell Center Core Facility.

No alerts have been found for Washington University School of Medicine Genome Engineering and Stem Cell Center 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 FDI Lab - SciCrunch.org.

DeGeorgia SN, et al. (2024) Specific SOX10 enhancer elements modulate phenotype plasticity and drug resistance in melanoma. bioRxiv : the preprint server for biology.