Resource Summary Report

Generated by dkNET on Apr 17, 2025

University of Wisconsin Madison Advanced Genome Editing Laboratory

RRID:SCR_021070
Type: Tool

Proper Citation

University of Wisconsin Madison Advanced Genome Editing Laboratory (RRID:SCR_021070)

Resource Information

URL: https://www.biotech.wisc.edu/services/geam

Proper Citation: University of Wisconsin Madison Advanced Genome Editing Laboratory (RRID:SCR_021070)

Description: Provides services and expertise to generate new genome edited models, particularly mouse, rats, swine, and cell lines, as well as support in vivo editing, novel preclinical therapeutic strategies, pooled lentiCRISPR screening, and other applications.

Abbreviations: AGEL

Synonyms: University of Wisconsin Madison UW-Genome Editing & Animal Models, UW-Genome Editing & Animal Models, UW Biotechnology Center Advanced Genome Editing Laboratory, Genome Editing and Animal Models Core, Transgenic Animal Facility

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

Keywords: USEDit, generating genome edited models, mouse, rats, swine, ABRF, ABRF, CRISPR, gene editing, genome editing, lentiCRISPR

Funding:

Resource Name: University of Wisconsin Madison Advanced Genome Editing Laboratory

Resource ID: SCR_021070

Alternate IDs: ABRF_1148

Alternate URLs: https://coremarketplace.org/?FacilityID=1148

Record Creation Time: 20220129T080353+0000

Record Last Update: 20250412T060312+0000

Ratings and Alerts

No rating or validation information has been found for University of Wisconsin Madison Advanced Genome Editing Laboratory.

No alerts have been found for University of Wisconsin Madison Advanced Genome Editing Laboratory.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

English LA, et al. (2024) F-BAR proteins CIP4 and FBP17 function in cortical neuron radial migration and process outgrowth. bioRxiv : the preprint server for biology.

Braun MM, et al. (2024) Ca+2 and N?-lysine acetylation regulate the CALR-ATG9A interaction in the lumen of the endoplasmic reticulum. Scientific reports, 14(1), 25532.

Zheng J, et al. (2024) Ablation of three major phospho-sites in RyR2 preserves the global adrenergic response but creates an arrhythmogenic substrate. bioRxiv : the preprint server for biology.

McLean DT, et al. (2023) Single-cell RNA sequencing of neurofibromas reveals a tumor microenvironment favorable for neural regeneration and immune suppression in a neurofibromatosis type 1 porcine model. Frontiers in oncology, 13, 1253659.

Rubinstein CD, et al. (2021) Assessment of Mosaicism and Detection of Cryptic Alleles in CRISPR/Cas9-Engineered Neurofibromatosis Type 1 and TP53 Mutant Porcine Models Reveals Overlooked Challenges in Precision Modeling of Human Diseases. Frontiers in genetics, 12, 721045.