Resource Summary Report

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University of Washington Transgenic Resources Program Core Facility

RRID:SCR_017863
Type: Tool

Proper Citation

University of Washington Transgenic Resources Program Core Facility (RRID:SCR_017863)

Resource Information

URL: http://www.uwtransgenics.org/

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Description: Core facility that creates transgenic and gene-targeted mice using pronuclear microinjection, targeted ES cell microinjection, and CRISPR/Cas9 gene editing. Offers mouse rederivation services to create specific pathogen free mice or to rederive cryopreserved mouse lines. Additionally, embryo and sperm cryopreservation services are available to provide long-term storage of valuable mouse strains or stocks. Services include:Pronuclear Microinjection,ES Cell Microinjection,ES Cell Electroporation CRISPR/Cas9,In Vitro Fertilization,Sperm Cryopreservation,Embryo Cryo,Embryo Rederivation.

Abbreviations: TRP

Synonyms: , University of Washington Transgenic Resources Program, Transgenic Resources Program

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

Keywords: Transgenic, gene, targeted, mice, pronuclear, microinjection, ES cell, CRSPR, Cas9, editing, pathogen, free, cryopreserved, line, embryo, sperm, electroporation, fertilization, service, core, ABRF

Funding:

Availability: Open

Resource Name: University of Washington Transgenic Resources Program Core Facility

Resource ID: SCR_017863

Alternate IDs: ABRF_675

Alternate URLs: https://coremarketplace.org/?FacilityID=675&citation=1

Record Creation Time: 20220129T080337+0000

Record Last Update: 20250514T061825+0000

Ratings and Alerts

No rating or validation information has been found for University of Washington Transgenic Resources Program Core Facility.

No alerts have been found for University of Washington Transgenic Resources Program Core Facility.

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 RRID.

Guo R, et al. (2018) Cardiomyocyte-specific disruption of Cathepsin K protects against doxorubicin-induced cardiotoxicity. Cell death & disease, 9(6), 692.

Jhingran A, et al. (2015) Compartment-specific and sequential role of MyD88 and CARD9 in chemokine induction and innate defense during respiratory fungal infection. PLoS pathogens, 11(1), e1004589.

Chen J, et al. (2015) In vivo structure-function studies of human hepatic lipase: the catalytic function rescues the lean phenotype of HL-deficient (hl-/-) mice. Physiological reports, 3(4).

Yamamoto K, et al. (2015) The role of group IIF-secreted phospholipase A2 in epidermal homeostasis and hyperplasia. The Journal of experimental medicine, 212(11), 1901.

Miki Y, et al. (2013) Lymphoid tissue phospholipase A2 group IID resolves contact hypersensitivity by driving antiinflammatory lipid mediators. The Journal of experimental

medicine, 210(6), 1217.