Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

B6.CBA-Tg(Cdh5-cre/ERT2)1Rha

RRID:IMSR_TAC:13073
Type: Organism

Proper Citation

RRID:IMSR_TAC:13073

Organism Information

URL: http://www.taconic.com/mouse-model/cdh5pac-creert2-mouse

Proper Citation: RRID:IMSR_TAC:13073

Description: Mus musculus with name B6.CBA-Tg(Cdh5-cre/ERT2)1Rha from IMSR.

Species: Mus musculus

Notes: gene symbol note: ; mutant strain|congenic strain:

Genomic Alteration: transgene insertion 1; Ralf H Adams

Catalog Number: TAC:13073

Database: International Mouse Resource Center IMSR, TAC

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_TAC:13073

Organism Name: B6.CBA-Tg(Cdh5-cre/ERT2)1Rha

Record Creation Time: 20230509T193151+0000

Record Last Update: 20240104T174413+0000

Ratings and Alerts

No rating or validation information has been found for B6.CBA-Tg(Cdh5-cre/ERT2)1Rha.

No alerts have been found for B6.CBA-Tg(Cdh5-cre/ERT2)1Rha.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, TAC

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Gonzalez Medina M, et al. (2024) Cell-Specific Effects of Insulin in a Murine Model of Restenosis Under Insulin-Sensitive and Insulin-Resistant Conditions. Cells, 13(16).

Decker-Rockefeller B, et al. (2023) Whole mount of adult ear skin as a model to study vascular malformations. Animal models and experimental medicine, 6(4), 362.

Dinakaran S, et al. (2023) CDK6-mediated endothelial cell cycle acceleration drives arteriovenous malformations in hereditary hemorrhagic telangiectasia. bioRxiv : the preprint server for biology.

Ivanova E, et al. (2022) AAV-BR1 targets endothelial cells in the retina to reveal their morphological diversity and to deliver Cx43. The Journal of comparative neurology, 530(8), 1302.

Cui Y, et al. (2021) Brain endothelial PTEN/AKT/NEDD4-2/MFSD2A axis regulates blood-brain barrier permeability. Cell reports, 36(1), 109327.

Utz SG, et al. (2020) Early Fate Defines Microglia and Non-parenchymal Brain Macrophage Development. Cell, 181(3), 557.

Chakraborty T, et al. (2019) Light-sheet microscopy of cleared tissues with isotropic, subcellular resolution. Nature methods, 16(11), 1109.

Comazzetto S, et al. (2019) Restricted Hematopoietic Progenitors and Erythropoiesis Require SCF from Leptin Receptor+ Niche Cells in the Bone Marrow. Cell stem cell, 24(3), 477.

Tan C, et al. (2019) Endothelium-Derived Semaphorin 3G Regulates Hippocampal Synaptic Structure and Plasticity via Neuropilin-2/PlexinA4. Neuron, 101(5), 920.

Wang J, et al. (2019) Brain Endothelial Cells Maintain Lactate Homeostasis and Control

Adult Hippocampal Neurogenesis. Cell stem cell, 25(6), 754.

Murphy PA, et al. (2018) Alternative RNA splicing in the endothelium mediated in part by Rbfox2 regulates the arterial response to low flow. eLife, 7.

Ramo K, et al. (2016) Suppression of ischemia in arterial occlusive disease by JNK-promoted native collateral artery development. eLife, 5.