Resource Summary Report

Generated by dkNET on Aug 9, 2026

Tg(Cdh5-cre/ERT2)1Rha

RRID:MGI:3848984
Type: Organism

Proper Citation

RRID:MGI:3848984

Organism Information

URL:

Proper Citation: RRID:MGI:3848984

Description: Allele Detail: Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Transgenic This is a legacy resource.

Phenotype: no phenotypic analysis

Genomic Alteration: Tg(Cdh5-cre/ERT2)1Rha

Catalog Number: 3848984

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:19144989

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

Record Creation Time: 20240120T190336+0000

Record Last Update: 20240130T201842+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Miglietta AG, et al. (2025) Protocol for isolation of endothelial cells from adult mouse brain. STAR protocols, 6(2), 103837.

Kam CY, et al. (2023) Mechanisms of skin vascular maturation and maintenance captured by longitudinal imaging of live mice. Cell, 186(11), 2345.

Kuo A, et al. (2022) Murine endothelial serine palmitoyltransferase 1 (SPTLC1) is required for vascular development and systemic sphingolipid homeostasis. eLife, 11.

Jacobsen NL, et al. (2022) Myofibre injury induces capillary disruption and regeneration of disorganized microvascular networks. The Journal of physiology, 600(1), 41.

Fiorito V, et al. (2021) The heme synthesis-export system regulates the tricarboxylic acid cycle flux and oxidative phosphorylation. Cell reports, 35(11), 109252.

Engelbrecht E, et al. (2020) Sphingosine 1-phosphate-regulated transcriptomes in heterogenous arterial and lymphatic endothelium of the aorta. eLife, 9.

Yanagida K, et al. (2020) Sphingosine 1-Phosphate Receptor Signaling Establishes AP-1 Gradients to Allow for Retinal Endothelial Cell Specialization. Developmental cell, 52(6), 779.

Ding BS, et al. (2020) Aging Suppresses Sphingosine-1-Phosphate Chaperone ApoM in Circulation Resulting in Maladaptive Organ Repair. Developmental cell, 53(6), 677.

MacKay CE, et al. (2020) Intravascular flow stimulates PKD2 (polycystin-2) channels in endothelial cells to reduce blood pressure. eLife, 9.

Chen Q, et al. (2019) Apelin+ Endothelial Niche Cells Control Hematopoiesis and Mediate Vascular Regeneration after Myeloablative Injury. Cell stem cell, 25(6), 768.