

# Resource Summary Report

Generated by [RRID](#) on Jul 29, 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 10 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

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.

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

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

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