

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

FVB-Tg(Cdh5-tTA)D5Lbjn/J

RRID:IMSR_JAX:013585

Type: Organism

Proper Citation

RRID:IMSR_JAX:013585

Organism Information

URL: <https://www.jax.org/strain/013585>

Proper Citation: RRID:IMSR_JAX:013585

Description: Mus musculus with name FVB-Tg(Cdh5-tTA)D5Lbjn/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: tetracycline-controlled transactivator|transgene insertion D5; Laura E Benjamin|cadherin 5; coisogenic strain|mutant strain: tTA|Tg(Cdh5-tTA)D5Lbjn|Cdh5

Affected Gene: tetracycline-controlled transactivator|transgene insertion D5; Laura E Benjamin|cadherin 5

Genomic Alteration: transgene insertion D5; Laura E Benjamin

Catalog Number: JAX:013585

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB-Tg(Cdh5-tTA)D5Lbjn/J

Record Creation Time: 20250513T053725+0000

Record Last Update: 20260808T050929+0000

Ratings and Alerts

No rating or validation information has been found for FVB-Tg(Cdh5-tTA)D5Lbjn/J.

No alerts have been found for FVB-Tg(Cdh5-tTA)D5Lbjn/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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

Wu J, et al. (2021) APOL1 risk variants in individuals of African genetic ancestry drive endothelial cell defects that exacerbate sepsis. *Immunity*, 54(11), 2632.

Crewe C, et al. (2018) An Endothelial-to-Adipocyte Extracellular Vesicle Axis Governed by Metabolic State. *Cell*, 175(3), 695.

Murthy S, et al. (2017) Endothelial CaMKII as a regulator of eNOS activity and NO-mediated vasoreactivity. *PloS one*, 12(10), e0186311.