Resource Summary Report

Generated by T1D on Sep 20, 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: transgene insertion D5; Laura E Benjamin|cadherin 5|tetracycline-controlled transactivator; coisogenic strain|mutant strain: Tg(Cdh5-tTA)D5Lbjn|Cdh5|tTA

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

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: 20260919T054912+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 T1D .

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.