Resource Summary Report

Generated by kravitz2 on Sep 19, 2026

FVB.Cg-Tg(Myh6-tTA)6Smbf/J

RRID:IMSR_JAX:003170
Type: Organism

Proper Citation

RRID:IMSR_JAX:003170

Organism Information

URL: https://www.jax.org/strain/003170

Proper Citation: RRID:IMSR_JAX:003170

Description: Mus musculus with name FVB.Cg-Tg(Myh6-tTA)6Smbf/J from IMSR.

Species: Mus musculus

Synonyms: FVB/N-Tg(MHCAtTA)6Smbf/J

Notes: gene symbol note: tetracycline-controlled transactivator|transgene insertion 6; Section of Myocardial Biology - Fishman Lab|myosin; heavy polypeptide 6; cardiac muscle; alpha; mutant strain|congenic strain: tTA|Tg(Myh6-tTA)6Smbf|Myh6

Affected Gene: tetracycline-controlled transactivator|transgene insertion 6; Section of Myocardial Biology - Fishman Lab|myosin; heavy polypeptide 6; cardiac muscle; alpha

Genomic Alteration: transgene insertion 6; Section of Myocardial Biology - Fishman Lab

Catalog Number: JAX:003170

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: FVB.Cg-Tg(Myh6-tTA)6Smbf/J

Record Creation Time: 20250513T053637+0000

Record Last Update: 20260919T054827+0000

Ratings and Alerts

No rating or validation information has been found for FVB.Cg-Tg(Myh6-tTA)6Smbf/J.

No alerts have been found for FVB.Cg-Tg(Myh6-tTA)6Smbf/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

J??nsch M, et al. (2023) Inducible over-expression of cardiac Nos1ap causes short QT syndrome in transgenic mice. FEBS open bio, 13(1), 118.

Fernandez-Caggiano M, et al. (2020) Mitochondrial pyruvate carrier abundance mediates pathological cardiac hypertrophy. Nature metabolism, 2(11), 1223.