

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

STOCK Tg(ACTA1-Thbs4)2Jmol/J

RRID:IMSR_JAX:036161

Type: Organism

Proper Citation

RRID:IMSR_JAX:036161

Organism Information

URL: <https://www.jax.org/strain/036161>

Proper Citation: RRID:IMSR_JAX:036161

Description: Mus musculus with name STOCK Tg(ACTA1-Thbs4)2Jmol/J from IMSR.

Species: Mus musculus

Synonyms: FVB/N-Tg(ACTA1-Thbs4)2Jmol/J

Notes: gene symbol note: transgene insertion 2; Jeffery Molkentin; mutant stock: Tg(ACTA1-Thbs4)2Jmol

Affected Gene: transgene insertion 2; Jeffery Molkentin

Genomic Alteration: transgene insertion 2; Jeffery Molkentin

Catalog Number: JAX:036161

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(ACTA1-Thbs4)2Jmol/J

Record Creation Time: 20250513T053852+0000

Record Last Update: 20260905T044625+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(ACTA1-Thbs4)2Jmol/J.

No alerts have been found for STOCK Tg(ACTA1-Thbs4)2Jmol/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Vanhoutte D, et al. (2024) Thbs1 regulates skeletal muscle mass in a TGF??-Smad2/3-ATF4-dependent manner. Cell reports, 43(5), 114149.