

# Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

## STOCK Tg(ACTA1-Thbs4)2Jmol/J

RRID:IMSR\_JAX:036161

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:036161

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### 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:** 20260912T060623+0000

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### 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.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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