

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

B6.FVB-Tg(Acta2-DsRed)1Rkl/J

RRID:IMSR_JAX:031159

Type: Organism

Proper Citation

RRID:IMSR_JAX:031159

Organism Information

URL: <https://www.jax.org/strain/031159>

Proper Citation: RRID:IMSR_JAX:031159

Description: Mus musculus with name B6.FVB-Tg(Acta2-DsRed)1Rkl/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 1; Raghu Kalluri|actin alpha 2; smooth muscle; aorta|; mutant strain|congenic strain: Tg(Acta2-DsRed)1Rkl|Acta2|

Affected Gene: transgene insertion 1; Raghu Kalluri|actin alpha 2; smooth muscle; aorta|

Genomic Alteration: transgene insertion 1; Raghu Kalluri

Catalog Number: JAX:031159

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.FVB-Tg(Acta2-DsRed)1Rkl/J

Record Creation Time: 20250513T053820+0000

Record Last Update: 20260801T050533+0000

Ratings and Alerts

No rating or validation information has been found for B6.FVB-Tg(Acta2-DsRed)1Rkl/J.

No alerts have been found for B6.FVB-Tg(Acta2-DsRed)1Rkl/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 [RRID](#) .

Hennion N, et al. (2025) Identification of early genes in the pathophysiology of fibrotic interstitial lung disease in a new model of pulmonary fibrosis. Cellular and molecular life sciences : CMLS, 82(1), 115.

Sanketi BD, et al. (2024) Origin and adult renewal of the gut lacteal musculature from villus myofibroblasts. bioRxiv : the preprint server for biology.

Sanketi BD, et al. (2024) Villus myofibroblasts are developmental and adult progenitors of mammalian gut lymphatic musculature. Developmental cell, 59(9), 1159.

Goodwin K, et al. (2022) Patterning the embryonic pulmonary mesenchyme. iScience, 25(3), 103838.