

Resource Summary Report

Generated by SPARC SAWG on Jul 31, 2026

C57BL/6-Tg(ACTA2-S1pr1)4Ytak

RRID:IMSR_RBRC10947

Type: Organism

Proper Citation

RRID:IMSR_RBRC10947

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10947>

Proper Citation: RRID:IMSR_RBRC10947

Description: Mus musculus with name C57BL/6-Tg(ACTA2-S1pr1)4Ytak from IMSR.

Species: Mus musculus

Notes: gene symbol note: actin; alpha 2; smooth muscle; aorta (human)|sphingosine-1-phosphate receptor 1|transgene insertion 4; Yoh Takuwa; mutant strain: ACTA2|S1pr1|Tg(ACTA2-S1pr1)4Ytkw

Affected Gene: actin; alpha 2; smooth muscle; aorta (human)|sphingosine-1-phosphate receptor 1|transgene insertion 4; Yoh Takuwa

Genomic Alteration: |transgene insertion 4; Yoh Takuwa

Catalog Number: RBRC10947

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Tg(ACTA2-S1pr1)4Ytak

Record Creation Time: 20250513T061526+0000

Record Last Update: 20260725T052212+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(ACTA2-S1pr1)4Ytak.

No alerts have been found for C57BL/6-Tg(ACTA2-S1pr1)4Ytak.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We have not found any literature mentions for this resource.