

# Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

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

RRID:IMSR\_RBRC10947

Type: Organism

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### Proper Citation

RRID:IMSR\_RBRC10947

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

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

**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:** 20260912T064347+0000

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### 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.

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## Data and Source Information

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

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.