

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

C57BL/6N-Tg(Thy1-ChR2/GFP)437-5Sasa/Rbrc

RRID:IMSR_RBRC04180

Type: Organism

Proper Citation

RRID:IMSR_RBRC04180

Organism Information

URL: <https://brc.riken.jp/mus/RBRC04180>

Proper Citation: RRID:IMSR_RBRC04180

Description: Mus musculus with name C57BL/6N-Tg(Thy1-ChR2/GFP)437-5Sasa/Rbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6NCrlCrlj-Tg(Thy1-COP4/GFP)437-5Sasa/Rbrc

Notes: gene symbol note: |thymus cell antigen 1; theta|transgene insertion 437-5; Toshikuni Sasaoka|channelrhodopsin-2; coisogenic strain|mutant strain: |Thy1|Tg(Thy1-ChR2/GFP)437-5Sasa|ChR2

Affected Gene: |thymus cell antigen 1; theta|transgene insertion 437-5; Toshikuni Sasaoka|channelrhodopsin-2

Genomic Alteration: |thymus cell antigen ; theta|transgene insertion 437-5; Toshikuni Sasaoka|channelrhodopsin-2

Catalog Number: RBRC04180

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6N-Tg(Thy1-ChR2/GFP)437-5Sasa/Rbrc

Record Creation Time: 20250513T061455+0000

Record Last Update: 20260919T063216+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Tg(Thy1-ChR2/GFP)437-5Sasa/Rbrc.

No alerts have been found for C57BL/6N-Tg(Thy1-ChR2/GFP)437-5Sasa/Rbrc.

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.