

# Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

## C57BL/6N-Tg(Thy1-ChR2/GFP)431-3Sasa/Rbrc

RRID:IMSR\_RBRC04175

Type: Organism

### Proper Citation

RRID:IMSR\_RBRC04175

### Organism Information

**URL:** <https://brc.riken.jp/mus/RBRC04175>

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**Description:** Mus musculus with name C57BL/6N-Tg(Thy1-ChR2/GFP)431-3Sasa/Rbrc from IMSR.

**Species:** Mus musculus

**Synonyms:** C57BL/6NCrlCrlj-Tg(Thy1-COP4/GFP)431-3Sasa/Rbrc

**Notes:** gene symbol note: |transgene insertion 431-3; Toshikuni Sasaoka|channelrhodopsin-2|thymus cell antigen 1; theta; coisogenic strain|mutant strain: |Tg(Thy1-ChR2/GFP)431-3Sasa|ChR2|Thy1

**Affected Gene:** |transgene insertion 431-3; Toshikuni Sasaoka|channelrhodopsin-2|thymus cell antigen 1; theta

**Genomic Alteration:** |transgene insertion 431-3; Toshikuni Sasaoka|channelrhodopsin-2|thymus cell antigen ; theta

**Catalog Number:** RBRC04175

**Database:** RIKEN BioResource Research Center

**Database Abbreviation:** RBRC

**Availability:** sperm

**Organism Name:** C57BL/6N-Tg(Thy1-ChR2/GFP)431-3Sasa/Rbrc

**Record Creation Time:** 20250513T061455+0000

**Record Last Update:** 20260905T052427+0000

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## Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Tg(Thy1-ChR2/GFP)431-3Sasa/Rbrc.

No alerts have been found for C57BL/6N-Tg(Thy1-ChR2/GFP)431-3Sasa/Rbrc.

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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.