

Resource Summary Report

Generated by PRECISE-TBI on Jul 30, 2026

C57BL/6N-Tg(CAG-KO.ChR2/GFP)457-3Sasa/Rbrc

RRID:IMSR_RBRC04221

Type: Organism

Proper Citation

RRID:IMSR_RBRC04221

Organism Information

URL: <https://brc.riken.jp/mus/RBRC04221>

Proper Citation: RRID:IMSR_RBRC04221

Description: Mus musculus with name C57BL/6N-Tg(CAG-KO.ChR2/GFP)457-3Sasa/Rbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6NCrIcrIj-Tg(CAG-KO.COP4/GFP)457-3Sasa/SasaRbrc

Notes: gene symbol note: transgene insertion 457-3; Toshikuni Sasaoka|Kusabira Orange||channelrhodopsin-2; coisogenic strain|mutant strain: Tg(CAG-KO;ChR2/GFP)457-3Sasa|KO||ChR2

Affected Gene: transgene insertion 457-3; Toshikuni Sasaoka|Kusabira Orange||channelrhodopsin-2

Genomic Alteration: transgene insertion 457-3; Toshikuni Sasaoka|Kusabira Orange||channelrhodopsin-2

Catalog Number: RBRC04221

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6N-Tg(CAG-KO.ChR2/GFP)457-3Sasa/Rbrc

Record Creation Time: 20250513T061455+0000

Record Last Update: 20260725T052138+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Tg(CAG-KO.ChR2/GFP)457-3Sasa/Rbrc.

No alerts have been found for C57BL/6N-Tg(CAG-KO.ChR2/GFP)457-3Sasa/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.