

Resource Summary Report

Generated by [kravitz2](#) on Sep 17, 2026

C57BL/6N-Tg(CAG-KO.ChR2/mCherry)417-7Sasa/Rbrc

RRID:IMSR_RBRC04219

Type: Organism

Proper Citation

RRID:IMSR_RBRC04219

Organism Information

URL: <https://brc.riken.jp/mus/RBRC04219>

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Description: Mus musculus with name C57BL/6N-Tg(CAG-KO.ChR2/mCherry)417-7Sasa/Rbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6N-Tg(CAG-KO.COP4/mCherry*)417-7SasaRbrc

Notes: gene symbol note: channelrhodopsin-2|Kusabira Orange||transgene insertion 417-7; Toshikuni Sasaoka|mCherry; coisogenic strain|mutant strain: ChR2|KO||Tg(CAG-KO;ChR2/mCherry)417-7Sasa|mCherry

Affected Gene: channelrhodopsin-2|Kusabira Orange||transgene insertion 417-7; Toshikuni Sasaoka|mCherry

Genomic Alteration: channelrhodopsin-2|Kusabira Orange||transgene insertion 417-7; Toshikuni Sasaoka|mCherry

Catalog Number: RBRC04219

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6N-Tg(CAG-KO.ChR2/mCherry)417-7Sasa/Rbrc

Record Creation Time: 20250513T061455+0000

Record Last Update: 20260912T064314+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Tg(CAG-KO.ChR2/mCherry)417-7Sasa/Rbrc.

No alerts have been found for C57BL/6N-Tg(CAG-KO.ChR2/mCherry)417-7Sasa/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.