

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

B6(Cg)-Tg(tetO-ChR2*C128S/EYFP)1Kftnk/KftnkRbrc

RRID:IMSR_RBRC05453

Type: Organism

Proper Citation

RRID:IMSR_RBRC05453

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05453>

Proper Citation: RRID:IMSR_RBRC05453

Description: Mus musculus with name B6(Cg)-Tg(tetO-ChR2*C128S/EYFP)1Kftnk/KftnkRbrc from IMSR.

Species: Mus musculus

Synonyms: B6;129S4-Tg(tetO-COP4*/EYFP)1Kftnk/KftnkRbrc

Notes: gene symbol note: |channelrhodopsin-2|tetracycline operon|transgene insertion 1; Kenji Tanaka; mutant stock: |ChR2|tetO|Tg(tetO-ChR2*C128S/EYFP)1Kftnk

Affected Gene: |channelrhodopsin-2|tetracycline operon|transgene insertion 1; Kenji Tanaka

Genomic Alteration: |channelrhodopsin-2|tetracycline operon|transgene insertion 1; Kenji Tanaka

Catalog Number: RBRC05453

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6(Cg)-Tg(tetO-ChR2*C128S/EYFP)1Kftnk/KftnkRbrc

Record Creation Time: 20250513T061502+0000

Record Last Update: 20260919T063223+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Tg(tetO-ChR2*C128S/EYFP)1Kftnk/KftnkRbrc.

No alerts have been found for B6(Cg)-Tg(tetO-ChR2*C128S/EYFP)1Kftnk/KftnkRbrc.

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.