

Resource Summary Report

Generated by ASWG on Aug 12, 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>

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

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

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

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: 20260808T054848+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.