

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

B6;129-Actb^{tm3.1(tetO-GCaMP6)}Kftnk

RRID:IMSR_RBRC09552

Type: Organism

Proper Citation

RRID:IMSR_RBRC09552

Organism Information

URL: <https://brc.riken.jp/mus/RBRC09552>

Proper Citation: RRID:IMSR_RBRC09552

Description: Mus musculus with name B6;129-Actb^{tm3.1(tetO-GCaMP6)}Kftnk from IMSR.

Species: Mus musculus

Notes: gene symbol note: actin; beta; mutant stock: Actb

Affected Gene: actin; beta

Genomic Alteration: targeted mutation 3.1; Kenji Tanaka

Catalog Number: RBRC09552

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6;129-Actb^{tm3.1(tetO-GCaMP6)}Kftnk

Record Creation Time: 20250513T061514+0000

Record Last Update: 20260815T054841+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Actb^{tm3.1(tetO-GCaMP6)}Kftnk

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No alerts have been found for B6;129-Actb^{tm3.1(tetO-GCaMP6)}Kftnk.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Zhou S, et al. (2022) Activity of putative orexin neurons during cataplexy. Molecular brain, 15(1), 21.