

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

B6;129-Actb^{tm2.1(tetO-YCnano50)}Kftnk

RRID:IMSR_RBRC09550

Type: Organism

Proper Citation

RRID:IMSR_RBRC09550

Organism Information

URL: <https://brc.riken.jp/mus/RBRC09550>

Proper Citation: RRID:IMSR_RBRC09550

Description: Mus musculus with name B6;129-Actb^{tm2.1(tetO-YCnano50)}Kftnk from IMSR.

Species: Mus musculus

Synonyms: B6;129-Actb/KftnkRbrc

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

Affected Gene: actin; beta

Genomic Alteration: targeted mutation 2.1; Kenji Tanaka

Catalog Number: RBRC09550

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6;129-Actb^{tm2.1(tetO-YCnano50)}Kftnk

Record Creation Time: 20250513T061514+0000

Record Last Update: 20260905T052447+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Actb^{tm2.1(tetO-YCnano50)}Kftnk.

No alerts have been found for B6;129-Actb^{tm2.1(tetO-YCnano50)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](#) .

Yoshida K, et al. (2020) Opposing Ventral Striatal Medium Spiny Neuron Activities Shaped by Striatal Parvalbumin-Expressing Interneurons during Goal-Directed Behaviors. Cell reports, 31(13), 107829.