

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

C57BL/6J-Tg(tetO-Kcnj2/EGFP)31Sleep

RRID:IMSR_RBRC10647

Type: Organism

Proper Citation

RRID:IMSR_RBRC10647

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10647>

Proper Citation: RRID:IMSR_RBRC10647

Description: Mus musculus with name C57BL/6J-Tg(tetO-Kcnj2/EGFP)31Sleep from IMSR.

Species: Mus musculus

Notes: gene symbol note: |potassium inwardly-rectifying channel; subfamily J; member 2|tetracycline operon|transgene insertion 31; Yu Hayashi; mutant strain: |Kcnj2|tetO|Tg(tetO-Kcnj2/EGFP)31Sleep

Affected Gene: |potassium inwardly-rectifying channel; subfamily J; member 2|tetracycline operon|transgene insertion 31; Yu Hayashi

Genomic Alteration: |potassium inwardly-rectifying channel; subfamily J; member 2|tetracycline operon|transgene insertion 31; Yu Hayashi

Catalog Number: RBRC10647

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6J-Tg(tetO-Kcnj2/EGFP)31Sleep

Record Creation Time: 20250513T061523+0000

Record Last Update: 20260912T064344+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(tetO-Kcnj2/EGFP)31Sleep.

No alerts have been found for C57BL/6J-Tg(tetO-Kcnj2/EGFP)31Sleep.

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.