

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

C57BL/6J-Tg(tetO-Kcnj2/EGFP)20Sleep

RRID:IMSR_RBRC10646

Type: Organism

Proper Citation

RRID:IMSR_RBRC10646

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10646>

Proper Citation: RRID:IMSR_RBRC10646

Description: Mus musculus with name C57BL/6J-Tg(tetO-Kcnj2/EGFP)20Sleep from IMSR.

Species: Mus musculus

Notes: gene symbol note: |potassium inwardly-rectifying channel; subfamily J; member 2|transgene insertion 20; Yu Hayashi|tetracycline operon; mutant strain: |Kcnj2|Tg(tetO-Kcnj2/EGFP)20Sleep|tetO

Affected Gene: |potassium inwardly-rectifying channel; subfamily J; member 2|transgene insertion 20; Yu Hayashi|tetracycline operon

Genomic Alteration: |potassium inwardly-rectifying channel; subfamily J; member 2|transgene insertion 20; Yu Hayashi|tetracycline operon

Catalog Number: RBRC10646

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6J-Tg(tetO-Kcnj2/EGFP)20Sleep

Record Creation Time: 20250513T061523+0000

Record Last Update: 20260801T055009+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(tetO-Kcnj2/EGFP)20Sleep.

No alerts have been found for C57BL/6J-Tg(tetO-Kcnj2/EGFP)20Sleep.

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.