

Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)321Sleep

RRID:IMSR_RBRC10640

Type: Organism

Proper Citation

RRID:IMSR_RBRC10640

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10640>

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Description: Mus musculus with name C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)321Sleep from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(tetO-Kcnj2.-lacZ)321Sleep/SleepRbrc

Notes: gene symbol note: potassium inwardly-rectifying channel; subfamily J; member 2|transgene insertion 321; Yu Hayashi|tetracycline operon|beta-galactosidase; mutant strain: Kcnj2|Tg(tetO-Flag/Kcnj2.-NLS/lacZ)321Sleep|tetO|lacZ

Affected Gene: potassium inwardly-rectifying channel; subfamily J; member 2|transgene insertion 321; Yu Hayashi|tetracycline operon|beta-galactosidase

Genomic Alteration: potassium inwardly-rectifying channel; subfamily J; member 2|transgene insertion 321; Yu Hayashi|tetracycline operon|beta-galactosidase

Catalog Number: RBRC10640

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)321Sleep

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-Flag/Kcnj2.-NLS/lacZ)321Sleep.

No alerts have been found for C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)321Sleep.

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.