

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)338Sleep

RRID:IMSR_RBRC10641

Type: Organism

Proper Citation

RRID:IMSR_RBRC10641

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10641>

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Description: Mus musculus with name C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)338Sleep from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(tetO-Kcnj2.-lacZ)338Sleep/SleepRbrc

Notes: gene symbol note: tetracycline operon|transgene insertion 338; Yu Hayashi|potassium inwardly-rectifying channel; subfamily J; member 2|beta-galactosidase; mutant strain: tetO|Tg(tetO-Flag/Kcnj2.-NLS/lacZ)338Sleep|Kcnj2|lacZ

Affected Gene: tetracycline operon|transgene insertion 338; Yu Hayashi|potassium inwardly-rectifying channel; subfamily J; member 2|beta-galactosidase

Genomic Alteration: tetracycline operon|transgene insertion 338; Yu Hayashi|potassium inwardly-rectifying channel; subfamily J; member 2|beta-galactosidase

Catalog Number: RBRC10641

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)338Sleep

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)338Sleep.

No alerts have been found for C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)338Sleep.

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.