

# Resource Summary Report

Generated by [kravitz2](#) on Sep 17, 2026

## C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)296Sleep

RRID:IMSR\_RBRC10639

Type: Organism

### Proper Citation

RRID:IMSR\_RBRC10639

### Organism Information

**URL:** <https://brc.riken.jp/mus/RBRC10639>

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**Description:** Mus musculus with name C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)296Sleep from IMSR.

**Species:** Mus musculus

**Synonyms:** C57BL/6J-Tg(tetO-Kcnj2.-lacZ)296Sleep/SleepRbrc

**Notes:** gene symbol note: potassium inwardly-rectifying channel; subfamily J; member 2|transgene insertion 296; Yu Hayashi|tetracycline operon|beta-galactosidase; mutant strain: Kcnj2|Tg(tetO-Flag/Kcnj2.-NLS/lacZ)296Sleep|tetO|lacZ

**Affected Gene:** potassium inwardly-rectifying channel; subfamily J; member 2|transgene insertion 296; Yu Hayashi|tetracycline operon|beta-galactosidase

**Genomic Alteration:** potassium inwardly-rectifying channel; subfamily J; member 2|transgene insertion 296; Yu Hayashi|tetracycline operon|beta-galactosidase

**Catalog Number:** RBRC10639

**Database:** RIKEN BioResource Research Center

**Database Abbreviation:** RBRC

**Availability:** sperm

**Organism Name:** C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)296Sleep

**Record Creation Time:** 20250513T061523+0000

**Record Last Update:** 20260912T064344+0000

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## Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)296Sleep.

No alerts have been found for C57BL/6J-Tg(tetO-Flag/Kcnj2.-NLS/lacZ)296Sleep.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.