

Resource Summary Report

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

B6-Tg(Scn1a-GFP)1Kzy

RRID:IMSR_RBRC10241

Type: Organism

Proper Citation

RRID:IMSR_RBRC10241

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10241>

Proper Citation: RRID:IMSR_RBRC10241

Description: Mus musculus with name B6-Tg(Scn1a-GFP)1Kzy from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(Scn1a-EGFP)1Kzy/KzyRbrc

Notes: gene symbol note: sodium channel; voltage-gated; type I; alpha; mutant strain: Scn1a

Affected Gene: sodium channel; voltage-gated; type I; alpha

Genomic Alteration: transgene insertion 1; Kazuhiro Yamakawa

Catalog Number: RBRC10241

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: B6-Tg(Scn1a-GFP)1Kzy

Record Creation Time: 20250513T061520+0000

Record Last Update: 20260912T064340+0000

Ratings and Alerts

No rating or validation information has been found for B6-Tg(Scn1a-GFP)1Kzy.

No alerts have been found for B6-Tg(Scn1a-GFP)1Kzy.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Yamagata T, et al. (2023) Scn1a-GFP transgenic mouse revealed Nav1.1 expression in neocortical pyramidal tract projection neurons. eLife, 12.