

Resource Summary Report

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

C57BL/6N-Tg(Ppp1r2-cre)4127Nkza/J

RRID:IMSR_JAX:012686

Type: Organism

Proper Citation

RRID:IMSR_JAX:012686

Organism Information

URL: <https://www.jax.org/strain/012686>

Proper Citation: RRID:IMSR_JAX:012686

Description: Mus musculus with name C57BL/6N-Tg(Ppp1r2-cre)4127Nkza/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(Ppp1r2-cre)4127Nkza/J

Notes: gene symbol note: |transgene insertion 4127; Kazu Nakazawa|protein phosphatase 1; regulatory inhibitor subunit 2; coisogenic strain|mutant strain: |Tg(Ppp1r2-cre)4127Nkza|Ppp1r2

Affected Gene: |transgene insertion 4127; Kazu Nakazawa|protein phosphatase 1; regulatory inhibitor subunit 2

Genomic Alteration: transgene insertion 4127; Kazu Nakazawa

Catalog Number: JAX:012686

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6N-Tg(Ppp1r2-cre)4127Nkza/J

Record Creation Time: 20250513T053721+0000

Record Last Update: 20260829T045029+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Tg(Ppp1r2-cre)4127Nkza/J.

No alerts have been found for C57BL/6N-Tg(Ppp1r2-cre)4127Nkza/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wengert ER, et al. (2026) Impaired excitability of fast-spiking neurons in a novel mouse model of KCNC1 epileptic encephalopathy. eLife, 13.