

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

B6.129S2-Piwi2^{tm1Nkn}

RRID:IMSR_RBRC09475

Type: Organism

Proper Citation

RRID:IMSR_RBRC09475

Organism Information

URL: <https://brc.riken.jp/mus/RBRC09475>

Proper Citation: RRID:IMSR_RBRC09475

Description: Mus musculus with name B6.129S2-Piwi2^{tm1Nkn} from IMSR.

Species: Mus musculus

Notes: gene symbol note: piwi-like RNA-mediated gene silencing 2; mutant strain: Piwi2

Affected Gene: piwi-like RNA-mediated gene silencing 2

Genomic Alteration: targeted mutation 1; Toru Nakano

Catalog Number: RBRC09475

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.129S2-Piwi2^{tm1Nkn}

Record Creation Time: 20250513T061514+0000

Record Last Update: 20260905T052447+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-Piwi2^{tm1Nkn}.

No alerts have been found for B6.129S2-Piwi2^{tm1Nkn}.

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](#) .

Gainetdinov I, et al. (2018) A Single Mechanism of Biogenesis, Initiated and Directed by PIWI Proteins, Explains piRNA Production in Most Animals. Molecular cell, 71(5), 775.