

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 17, 2026

B6.129S1-Kif5b^{tm1Njen}/J

RRID:IMSR_JAX:008637

Type: Organism

Proper Citation

RRID:IMSR_JAX:008637

Organism Information

URL: <https://www.jax.org/strain/008637>

Proper Citation: RRID:IMSR_JAX:008637

Description: Mus musculus with name B6.129S1-Kif5b^{tm1Njen}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: kinesin family member 5B; mutant strain|congenic strain: Kif5b

Affected Gene: kinesin family member 5B

Genomic Alteration: targeted mutation 1; Nancy A Jenkins

Catalog Number: JAX:008637

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S1-Kif5b^{tm1Njen}/J

Record Creation Time: 20250513T053710+0000

Record Last Update: 20260815T050630+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1-Kif5b^{tm1Njen}/J.

No alerts have been found for B6.129S1-Kif5b^{tm1Njen}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Bracey KM, et al. (2025) Glucose-stimulated KIF5B-driven microtubule sliding organizes microtubule networks in mouse pancreatic ?? cells. eLife, 12.

Shah SH, et al. (2022) Quantitative transportomics identifies Kif5a as a major regulator of neurodegeneration. eLife, 11.