

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

B6.129-Kcnj10^{tm1Kdmc}/J

RRID:IMSR_JAX:026826

Type: Organism

Proper Citation

RRID:IMSR_JAX:026826

Organism Information

URL: <https://www.jax.org/strain/026826>

Proper Citation: RRID:IMSR_JAX:026826

Description: Mus musculus with name B6.129-Kcnj10^{tm1Kdmc}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: potassium inwardly-rectifying channel; subfamily J; member 10; mutant strain|congenic strain: Kcnj10

Affected Gene: potassium inwardly-rectifying channel; subfamily J; member 10

Genomic Alteration: targeted mutation 1; Ken D McCarthy

Catalog Number: JAX:026826

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Kcnj10^{tm1Kdmc}/J

Record Creation Time: 20250513T053758+0000

Record Last Update: 20260919T054943+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Kcnj10^{tm1Kdmc}/J.

No alerts have been found for B6.129-Kcnj10^{tm1Kdmc}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Mapps AA, et al. (2022) Satellite glia modulate sympathetic neuron survival, activity, and autonomic function. eLife, 11.

Larson VA, et al. (2018) Oligodendrocytes control potassium accumulation in white matter and seizure susceptibility. eLife, 7.

Kelley KW, et al. (2018) Kir4.1-Dependent Astrocyte-Fast Motor Neuron Interactions Are Required for Peak Strength. Neuron, 98(2), 306.