

Resource Summary Report

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

B6;129S1-Kcnn4^{tm1Jemn}/J

RRID:IMSR_JAX:018826

Type: Organism

Proper Citation

RRID:IMSR_JAX:018826

Organism Information

URL: <https://www.jax.org/strain/018826>

Proper Citation: RRID:IMSR_JAX:018826

Description: Mus musculus with name B6;129S1-Kcnn4^{tm1Jemn}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: potassium intermediate/small conductance calcium-activated channel; subfamily N; member 4; mutant stock: Kcnn4

Affected Gene: potassium intermediate/small conductance calcium-activated channel; subfamily N; member 4

Genomic Alteration: targeted mutation 1; James E Melvin

Catalog Number: JAX:018826

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S1-Kcnn4^{tm1Jemn}/J

Record Creation Time: 20250513T053738+0000

Record Last Update: 20260912T060525+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S1-Kcnn4^{tm1Jemn}/J.

No alerts have been found for B6;129S1-Kcnn4^{tm1Jemn}/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](#) .

Lu J, et al. (2019) The potassium channel KCa3.1 represents a valid pharmacological target for microgliosis-induced neuronal impairment in a mouse model of Parkinson's disease. Journal of neuroinflammation, 16(1), 273.