

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

129-Kcne1^{tm1Sfh}/J

RRID:IMSR_JAX:003009

Type: Organism

Proper Citation

RRID:IMSR_JAX:003009

Organism Information

URL: <https://www.jax.org/strain/003009>

Proper Citation: RRID:IMSR_JAX:003009

Description: Mus musculus with name 129-Kcne1^{tm1Sfh}/J from IMSR.

Species: Mus musculus

Synonyms: 129/Sv-Kcne1/J

Notes: gene symbol note: potassium voltage-gated channel; Isk-related subfamily; member 1; mutant strain: Kcne1

Affected Gene: potassium voltage-gated channel; Isk-related subfamily; member 1

Genomic Alteration: targeted mutation 1; Stephen F Heinemann

Catalog Number: JAX:003009

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: 129-Kcne1^{tm1Sfh}/J

Record Creation Time: 20250513T053636+0000

Record Last Update: 20260815T050546+0000

Ratings and Alerts

No rating or validation information has been found for 129-Kcne1^{tm1Sfh}/J.

No alerts have been found for 129-Kcne1^{tm1Sfh}/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](#) .

Wu X, et al. (2021) Gene therapy via canalostomy approach preserves auditory and vestibular functions in a mouse model of Jervell and Lange-Nielsen syndrome type 2. Nature communications, 12(1), 697.