

Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

B6.129S-Hcn1^{tm1Kndl}/J

RRID:IMSR_JAX:028299

Type: Organism

Proper Citation

RRID:IMSR_JAX:028299

Organism Information

URL: <https://www.jax.org/strain/028299>

Proper Citation: RRID:IMSR_JAX:028299

Description: Mus musculus with name B6.129S-Hcn1^{tm1Kndl}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: hyperpolarization activated cyclic nucleotide gated potassium channel 1; mutant strain|congenic strain: Hcn1

Affected Gene: hyperpolarization activated cyclic nucleotide gated potassium channel 1

Genomic Alteration: targeted mutation 1; Eric R Kandel

Catalog Number: JAX:028299

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S-Hcn1^{tm1Kndl}/J

Record Creation Time: 20250513T053803+0000

Record Last Update: 20260829T045110+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S-Hcn1^{tm1Kndl}/J.

No alerts have been found for B6.129S-Hcn1^{tm1Kndl}/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](#) .

Vesuna S, et al. (2020) Deep posteromedial cortical rhythm in dissociation. Nature, 586(7827), 87.