

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

STOCK Hcn4^{tm2.1}(cre/ERT2)Sev/J

RRID:IMSR_JAX:024283

Type: Organism

Proper Citation

RRID:IMSR_JAX:024283

Organism Information

URL: <https://www.jax.org/strain/024283>

Proper Citation: RRID:IMSR_JAX:024283

Description: Mus musculus with name STOCK Hcn4^{tm2.1}(cre/ERT2)Sev/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: Cre recombinase and estrogen receptor 1 (human) fusion gene|hyperpolarization-activated; cyclic nucleotide-gated K⁺ 4; mutant stock: cre/ERT2|Hcn4

Affected Gene: Cre recombinase and estrogen receptor 1 (human) fusion gene|hyperpolarization-activated; cyclic nucleotide-gated K⁺ 4

Genomic Alteration: targeted mutation 2.1; Sylvia Evans

Catalog Number: JAX:024283

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Hcn4^{tm2.1}(cre/ERT2)Sev/J

Record Creation Time: 20250513T053750+0000

Record Last Update: 20260905T044530+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Hcn4^{tm2.1(cre/ERT2)Sev/J}.

No alerts have been found for STOCK Hcn4^{tm2.1(cre/ERT2)Sev/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](#) .

Yoon JY, et al. (2022) Metabolic rescue ameliorates mitochondrial encephalo-cardiomyopathy in murine and human iPSC models of Leigh syndrome. Clinical and translational medicine, 12(7), e954.