

# Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

## [Hcn1<sup>tm2Kndl</sup>/Hcn1<sup>tm2Kndl</sup>](#)

RRID:MGI:2686970

Type: Organism

### Proper Citation

RRID:MGI:2686970

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2686970

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** abnormal spatial learning, abnormal myocardial fiber physiology, abnormal action potential, abnormal learning/memory/conditioning, behavior/neurological phenotype, increased thigmotaxis, abnormal eye blink conditioning behavior, abnormal motor learning

**Affected Gene:** Hcn1

**Genomic Alteration:** tm2Kndl

**Catalog Number:** 2686970

**Background:** involves: 129S/SvEv \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:14651847](#), [PMID:21903939](#)

**Organism Name:** Hcn1<sup>tm2Kndl</sup>/Hcn1<sup>tm2Kndl</sup>

**Record Creation Time:** 20240120T190715+0000

**Record Last Update:** 20240130T202048+0000

---

## Ratings and Alerts

No rating or validation information has been found for Hcn1<sup>tm2Kndl</sup>/Hcn1<sup>tm2Kndl</sup>.

No alerts have been found for Hcn1<sup>tm2Kndl</sup>/Hcn1<sup>tm2Kndl</sup>.

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.