

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

B6.Cg-Hcn4^{tm1(tTA)}Nnka Hcn4

RRID:IMSR_RBRC10983

Type: Organism

Proper Citation

RRID:IMSR_RBRC10983

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10983>

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Description: Mus musculus with name B6.Cg-Hcn4^{tm1(tTA)}Nnka Hcn4 from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Hcn4/Hcn4/Rbrc

Notes: gene symbol note: hyperpolarization-activated; cyclic nucleotide-gated K⁺ 4|;
mutant stock: Hcn4|

Affected Gene: hyperpolarization-activated; cyclic nucleotide-gated K⁺ 4|

Genomic Alteration: targeted mutation 1; Noriyuki Nakashima

Catalog Number: RBRC10983

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.Cg-Hcn4^{tm1(tTA)}Nnka Hcn4

Record Creation Time: 20250513T061526+0000

Record Last Update: 20260808T054913+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Hcn4^{tm1(tTA)}Nnka Hcn4.

No alerts have been found for B6.Cg-Hcn4^{tm1(tTA)Nnka} Hcn4.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We have not found any literature mentions for this resource.