

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

STOCK *Aspa*^{em34Kyo} *Hcn1*^{A354V}/Kyo

RRID:RGD_13464320

Type: Organism

Proper Citation

RRID:RGD_13464320

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=13464320>

Proper Citation: RRID:RGD_13464320

Description: *Rattus norvegicus* with name STOCK *Aspa*^{em34Kyo} *Hcn1*^{A354V}/Kyo from RGD.

Species: *Rattus norvegicus*

Notes: This double mutant strain was established by crossing WTC/Kyo (NBRP Rat No. 0020) and F344-*Aspa*^{em34Kyo} (NBRP Rat No. 0806). WTC/Kyo has a missense mutation (*Hcn1*A354V) in *Hcn1* (Hyperpolarization-activated cyclic nucleotide-gated channel 1) gene and F344-*Aspa*^{em34Kyo} has a 16-bp deletion in the exon4 of *Aspa* (Aspartoacylase) gene (c.622_637del). [National BioResource Project for the Rat in Japan](#)

Catalog Number: 13464320

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 13464320

Organism Name: STOCK *Aspa*^{em34Kyo} *Hcn1*^{A354V}/Kyo

Record Creation Time: 20230509T191948+0000

Record Last Update: 20260725T194304+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Aspa^{em34Kyo} Hcn1^{A354V}*/Kyo.

No alerts have been found for STOCK *Aspa^{em34Kyo} Hcn1^{A354V}*/Kyo.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.