

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

MSHRSP/Kpo

RRID:RGD_10045578

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10045578>

Proper Citation: RRID:RGD_10045578

Description: Rattus norvegicus with name MSHRSP/Kpo from RGD.

Species: Rattus norvegicus

Notes: Okamoto et al. found that a few rats developed higher blood pressure (over 230 mmHg) at 10 weeks old. They selected SHRSP rats that show severe hypertension from young age and M-SHRSP (malignant or precocious SHRSP) rat was established in 1985. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 10045578

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo

Alternate IDs: 10045578

Organism Name: MSHRSP/Kpo

Record Creation Time: 20230509T191926+0000

Record Last Update: 20260815T190636+0000

Ratings and Alerts

No rating or validation information has been found for MSHRSP/Kpo.

No alerts have been found for MSHRSP/Kpo.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Wang M, et al. (2025) ACSS2 protects against alcohol-induced hepatocyte ferroptosis through regulation of hepcidin expression. Nature communications, 16(1), 5491.