

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

F344.W-*np*/Shi

RRID:RGD_598154598

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=598154598>

Proper Citation: RRID:RGD_598154598

Description: Rattus norvegicus with name F344.W-*np*/Shi from RGD.

Species: Rattus norvegicus

Notes: In 1983, Wistar rats with pleural and ascites effusions and severe skin oedema were found at the Shionogi Pharmaceutical Co. The rats were named Nephrose Shionogi (NPS) because they showed nephrosis (F12). Breeding revealed that this phenotype was dominated by a autosomal recessive gene, *np*. NPS rats develop nephrosis at 4 weeks of age and die within 2 weeks. To prolong survival, NPS rats (*np*/+) were backcrossed with F344/Shi rats to generate the congenic strain (N12-13). [National BioResource Project for the Rat in Japan](#)

Catalog Number: 598154598

Background: congenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo (as of 2025-04-30)

Alternate IDs: 598154598

Organism Name: F344.W-*np*/Shi

Record Creation Time: 20250514T090217+0000

Record Last Update: 20260725T194313+0000

Ratings and Alerts

No rating or validation information has been found for F344.W-*np*/Shi.

No alerts have been found for F344.W-*np*/Shi.

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.