

Resource Summary Report

Generated by [kravitz2](#) on Aug 1, 2026

F344-Phf24^{em2Kyo}

RRID:RGD_38676450

Type: Organism

Proper Citation

RRID:RGD_38676450

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=38676450>

Proper Citation: RRID:RGD_38676450

Description: Rattus norvegicus with name F344-Phf24^{em2Kyo} from RGD.

Species: Rattus norvegicus

Notes: In 2013, F344/Stm female rat deleted 392b (delta392) of KIAA1045 (Phf24) was generated by Platinum TALEN methods. Although spontaneous GTCS is not observed, seizure susceptibility is increased and kindling induced by PTZ is promoted. In addition, locomotor activity is increased, disturbed behavior and spacial memory are decreased, and emotional behavior is increased due to unpleasant stimulation. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 38676450

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals; Cryopreserved Sperm (as of 2021-07-01)

Alternate IDs: 38676450

Organism Name: F344-Phf24^{em2Kyo}

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260725T194309+0000

Ratings and Alerts

No rating or validation information has been found for F344-*Phf24*^{em2Kyo}.

No alerts have been found for F344-*Phf24*^{em2Kyo}.

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.