

Resource Summary Report

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

F344; W-Phf24^{em6}(EGFP)lexas

RRID:RGD_38676453

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=38676453>

Proper Citation: RRID:RGD_38676453

Description: Rattus norvegicus with name F344; W-Phf24^{em6}(EGFP)lexas from RGD.

Species: Rattus norvegicus

Notes: This strain (line No. 6) was established by CRISPR-Cas9 system at Osaka University and EGFP sequence was knock-in in Phf24 gene. Background strain is Crlj:Wistar (WI). Founder rats were crossed with F344/NSlc, and this strain was maintained by crossing with F344/NSlc (F2 or F3 generation, November 2017). At the point of sperm cryopreservation, this strain is not "congenic" strain (backcross generation was 5 generations), but background is mix of Crlj:Wistar and F344/NSlc. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 38676453

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2020-09-17)

Alternate IDs: 38676453

Organism Name: F344; W-Phf24^{em6}(EGFP)lexas

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260725T194309+0000

Ratings and Alerts

No rating or validation information has been found for F344; W-*Phf24^{em6(EGFP)}**lexas*.

No alerts have been found for F344; W-*Phf24^{em6(EGFP)}**lexas*.

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.