

Resource Summary Report

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

F344.OLETF-(D5Mgh5-D5Mgh23)/2Tj

RRID:RGD_2314231

Type: Organism

Proper Citation

RRID:RGD_2314231

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=2314231>

Proper Citation: RRID:RGD_2314231

Description: Rattus norvegicus with name F344.OLETF-(D5Mgh5-D5Mgh23)/2Tj from RGD.

Species: Rattus norvegicus

Notes: Male OLETF was crossed with female F344. F1 were backcrossed to female F344 for 5 generations. Microsatellite-based genotyping was performed to select the best male that had the best OLETF donor genome. Once the region was fixed the resultant congenic strain was maintained by brother-sister mating. 37.4 cM segment of the OLETF genome was transferred. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 2314231

Background: congenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo

Alternate IDs: 2314231

Organism Name: F344.OLETF-(D5Mgh5-D5Mgh23)/2Tj

Record Creation Time: 20230509T191939+0000

Record Last Update: 20260725T194249+0000

Ratings and Alerts

No rating or validation information has been found for F344.OLETF-(*D5Mgh5-D5Mgh23*)/2Tj.

No alerts have been found for F344.OLETF-(*D5Mgh5-D5Mgh23*)/2Tj.

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.