

# Resource Summary Report

Generated by [dkNET](#) on Sep 10, 2026

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

RRID:RGD\_2314231

Type: Organism

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### Proper Citation

RRID:RGD\_2314231

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### 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:** 20260905T135225+0000

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### 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.