

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

F344-Tyr^CKit^H/Kyo

RRID:RGD_11040971

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=11040971>

Proper Citation: RRID:RGD_11040971

Description: Rattus norvegicus with name F344-Tyr^CKit^H/Kyo from RGD.

Species: Rattus norvegicus

Notes: 1) point mutation in the exon 2 (896G>A, p.R229H) of Tyrosinase (Tyr) gene (albino phenotype) and 2) retrotransposon insertion (7-bp) in kit gene (hooded phenotype) were targeted by CRISPR/Cas9 system using ssODN. The rat coat colour phenotype was changed from white to black. Background strain: F344/Stm [National BioResource Project for the Rat in Japan](#)

Catalog Number: 11040971

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals; Cryopreserved Sperm (as of 2017-07-17)

Alternate IDs: 11040971

Organism Name: F344-Tyr^CKit^H/Kyo

Record Creation Time: 20230509T191946+0000

Record Last Update: 20260725T194301+0000

Ratings and Alerts

No rating or validation information has been found for F344-*Tyr^CKit^H/Kyo*.

No alerts have been found for F344-*Tyr^CKit^H/Kyo*.

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.