

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

VF/Kyo

RRID:RGD_1302674

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1302674>

Proper Citation: RRID:RGD_1302674

Description: Rattus norvegicus with name VF/Kyo from RGD.

Species: Rattus norvegicus

Notes: The vacuole formation (VF) rat is an autosomal recessive myelin mutant characterized by generalized tremor, hypomyelination, and periaxonal vacuole formation of the central nervous system (CNS). A nonsense mutation in the dopey family member 1 (Dopey1)(Dop1a, RGD:1305534) was identified as the likely causative gene for the neurological disease phenotype of the VF rat. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 1302674

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo; Cryopreserved Sperm (as of 2020-11-10)

Alternate IDs: 1302674

Organism Name: VF/Kyo

Record Creation Time: 20230509T191930+0000

Record Last Update: 20260808T193714+0000

Ratings and Alerts

No rating or validation information has been found for VF/Kyo.

No alerts have been found for VF/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.