

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Vgftm1Srjs/Vgftm1Srjs](#)

RRID:MGI:2449968

Type: Organism

Proper Citation

RRID:MGI:2449968

Organism Information

URL:

Proper Citation: RRID:MGI:2449968

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: increased oxygen consumption, absent estrous cycle, lactation failure, prolonged estrous cycle, nervous system phenotype, absent corpus luteum, abnormal ovarian follicle morphology, absent mature ovarian follicles, decreased testis weight, abnormal epididymal fat pad morphology, decreased uterus weight, decreased total body fat amount, hyperactivity, delayed vaginal opening, delayed sexual maturation, decreased white adipose tissue amount, decreased circulating thyroxine level, decreased circulating thyroid-stimulating hormone level, decreased oviduct weight, decreased seminal vesicle weight, shortened circadian behavior period, decreased ovary weight, reduced male fertility, reduced female fertility, postnatal lethality, incomplete penetrance, increased circulating corticosterone level, decreased circulating insulin level, decreased circulating glucose level, decreased body weight, increased basal metabolism

Affected Gene: Vgf

Genomic Alteration: tm1Srjs

Catalog Number: 2449968

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10433265](#)

Organism Name: Vgf^{tm1Srjs}/Vgf^{tm1Srjs}

Record Creation Time: 20240120T190745+0000

Record Last Update: 20240130T202150+0000

Ratings and Alerts

No rating or validation information has been found for Vgf^{tm1Srjs}/Vgf^{tm1Srjs}.

No alerts have been found for Vgf^{tm1Srjs}/Vgf^{tm1Srjs}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.