

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Vgftm1Srjs/Vgftm1Srjs](#)

RRID:MGI:2449968

Type: Organism

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## Proper Citation

RRID:MGI:2449968

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## 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<sup>tm1Srjs</sup>/Vgf<sup>tm1Srjs</sup>

**Record Creation Time:** 20240120T190745+0000

**Record Last Update:** 20240130T202150+0000

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## Ratings and Alerts

No rating or validation information has been found for Vgf<sup>tm1Srjs</sup>/Vgf<sup>tm1Srjs</sup>.

No alerts have been found for Vgf<sup>tm1Srjs</sup>/Vgf<sup>tm1Srjs</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.