

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

[Vrk1^{Gt\(RRR178\)Byg}/Vrk1^{Gt\(RRR178\)Byg}](#)

RRID:MGI:4421834

Type: Organism

Proper Citation

RRID:MGI:4421834

Organism Information

URL:

Proper Citation: RRID:MGI:4421834

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: female infertility, small testis, abnormal spermatogenesis, abnormal seminiferous tubule morphology, abnormal epididymis morphology, abnormal spermatogonia proliferation, arrest of male meiosis, azoospermia, seminiferous tubule degeneration, male infertility, decreased male germ cell number, abnormal spermatid morphology

Affected Gene: Vrk1

Genomic Alteration: Gt(RRR178)Byg

Catalog Number: 4421834

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19696012](#)

Organism Name: Vrk1^{Gt(RRR178)Byg}/Vrk1^{Gt(RRR178)Byg}

Record Creation Time: 20240120T190309+0000

Record Last Update: 20240130T201827+0000

Ratings and Alerts

No rating or validation information has been found for Vrk1^{Gt(RRR178)Byg}/Vrk1^{Gt(RRR178)Byg}.

No alerts have been found for Vrk1^{Gt(RRR178)Byg}/Vrk1^{Gt(RRR178)Byg}.

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.