

Resource Summary Report

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

[Gmcl1^{tm1Nkn}/Gmcl1^{tm1Nkn}](#)

RRID:MGI:2450857

Type: Organism

Proper Citation

RRID:MGI:2450857

Organism Information

URL:

Proper Citation: RRID:MGI:2450857

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

Species: Mus musculus

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

Phenotype: multinucleated giant male germ cells, abnormal spermatocyte morphology, abnormal spermiogenesis, decreased litter size, reduced male fertility, asthenozoospermia, abnormal spermiation, abnormal spermatogenesis, absent sperm flagellum, abnormal sperm flagellum morphology, teratozoospermia, abnormal sperm nucleus morphology, globozoospermia, abnormal acrosome morphology, abnormal sperm head morphology, oligozoospermia, abnormal cell nucleus morphology

Affected Gene: Gmcl1

Genomic Alteration: tm1Nkn

Catalog Number: 2450857

Background: involves: 129S2/SvPas * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12556490](#)

Organism Name: Gmcl1^{tm1Nkn}/Gmcl1^{tm1Nkn}

Record Creation Time: 20240120T190744+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for Gmcl1^{tm1Nkn}/Gmcl1^{tm1Nkn}.

No alerts have been found for Gmcl1^{tm1Nkn}/Gmcl1^{tm1Nkn}.

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.