

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

[Rnf168Gt\(405F11\)Cmhd/Rnf168Gt\(405F11\)Cmhd](#)

RRID:MGI:5505901

Type: Organism

Proper Citation

RRID:MGI:5505901

Organism Information

URL:

Proper Citation: RRID:MGI:5505901

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

Species: Mus musculus

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

Phenotype: increased DN3 thymocyte number, increased cellular sensitivity to ionizing radiation, immune system phenotype, decreased litter size, decreased male germ cell number, increased cellular sensitivity to ultraviolet irradiation, increased double-negative T cell number, reduced male fertility, small testis, testicular atrophy, neoplasm, abnormal Leydig cell morphology, abnormal T cell receptor delta chain V(D)J recombination, abnormal cell cycle checkpoint function, abnormal class switch recombination, decreased IgG3 level, abnormal male germ cell morphology, decreased gamma-delta T cell number, chromosomal instability, decreased IgG level, decreased IgG1 level, decreased IgG2a level

Affected Gene: Rnf168

Genomic Alteration: Gt(405F11)Cmhd

Catalog Number: 5505901

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:21552324](#)

Organism Name: Rnf168^{Gt(405F11)}Cmhd/Rnf168^{Gt(405F11)}Cmhd

Record Creation Time: 20240120T190111+0000

Record Last Update: 20240130T201720+0000

Ratings and Alerts

No rating or validation information has been found for Rnf168^{Gt(405F11)}Cmhd/Rnf168^{Gt(405F11)}Cmhd.

No alerts have been found for Rnf168^{Gt(405F11)}Cmhd/Rnf168^{Gt(405F11)}Cmhd.

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.