

# Resource Summary Report

Generated by [dkNET](#) on Aug 22, 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<sup>Gt(405F11)</sup>Cmhd/Rnf168<sup>Gt(405F11)</sup>Cmhd

**Record Creation Time:** 20240120T190111+0000

**Record Last Update:** 20240130T201720+0000

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## Ratings and Alerts

No rating or validation information has been found for Rnf168<sup>Gt(405F11)</sup>Cmhd/Rnf168<sup>Gt(405F11)</sup>Cmhd.

No alerts have been found for Rnf168<sup>Gt(405F11)</sup>Cmhd/Rnf168<sup>Gt(405F11)</sup>Cmhd.

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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.