

Resource Summary Report

Generated by [dkNET](#) on Sep 22, 2026

[Rnf8](#)[Gt\(RRR260\)Byg](#)/[Rnf8](#)[Gt\(RRR260\)Byg](#)

RRID:MGI:3800237

Type: Organism

Proper Citation

RRID:MGI:3800237

Organism Information

URL:

Proper Citation: RRID:MGI:3800237

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

Species: Mus musculus

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

Phenotype: abnormal seminiferous tubule epithelium morphology, increased sarcoma incidence, decreased thymocyte number, increased thymocyte apoptosis, increased cellular sensitivity to gamma-irradiation, increased mortality induced by gamma-irradiation, induced chromosome breakage, seminiferous tubule degeneration, decreased IgG2b level, increased lymphoma incidence, increased skin tumor incidence, increased mammary adenocarcinoma incidence, male infertility, oligozoospermia, postnatal growth retardation, premature death, abnormal class switch recombination, decreased CD8-positive, alpha-beta T cell number, decreased fibroblast proliferation, decreased bone marrow cell number, decreased body weight, decreased T cell number, decreased body size, increased T cell derived lymphoma incidence, decreased CD4-positive, alpha beta T cell number, decreased B cell number, azoospermia, abnormal spermatogonia morphology, abnormal spermatogenesis, decreased IgG3 level, abnormal spermatocyte morphology, decreased double-negative T cell number, decreased double-positive T cell number, small testis, spontaneous chromosome breakage, decreased immature B cell number, decreased pre-B cell number, decreased pro-B cell number, decreased IgG1 level, decreased splenocyte number

Affected Gene: Rnf8

Genomic Alteration: Gt(RRR260)Byg

Catalog Number: 3800237

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:20385750](https://pubmed.ncbi.nlm.nih.gov/20385750/)

Organism Name: Rnf8^{Gt(RRR260)Byg}/Rnf8^{Gt(RRR260)Byg}

Record Creation Time: 20240120T190428+0000

Record Last Update: 20240130T201913+0000

Ratings and Alerts

No rating or validation information has been found for Rnf8^{Gt(RRR260)Byg}/Rnf8^{Gt(RRR260)Byg}.

No alerts have been found for Rnf8^{Gt(RRR260)Byg}/Rnf8^{Gt(RRR260)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.