

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

[M1ap^{Gt\(RRO290\)Byg}/M1ap^{Gt\(RRO290\)Byg}](#)

RRID:MGI:5800476

Type: Organism

Proper Citation

RRID:MGI:5800476

Organism Information

URL:

Proper Citation: RRID:MGI:5800476

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

Species: Mus musculus

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

Phenotype: small testis, globozoospermia, abnormal male germ cell apoptosis, abnormal double-strand DNA break repair, abnormal X-Y chromosome synapsis during male meiosis, male infertility, small seminiferous tubules, seminiferous tubule degeneration, decreased testis weight, abnormal male meiosis, abnormal male germ cell morphology, arrest of male meiosis, oligozoospermia, abnormal seminiferous tubule morphology

Affected Gene: M1ap

Genomic Alteration: Gt(RRO290)Byg

Catalog Number: 5800476

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:23269666](#)

Organism Name: M1ap^{Gt(RRO290)Byg}/M1ap^{Gt(RRO290)Byg}

Record Creation Time: 20240120T185849+0000

Record Last Update: 20240130T201553+0000

Ratings and Alerts

No rating or validation information has been found for M1ap^{Gt(RRO290)Byg}/M1ap^{Gt(RRO290)Byg}.

No alerts have been found for M1ap^{Gt(RRO290)Byg}/M1ap^{Gt(RRO290)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.