

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

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

RRID:MGI:5484929

Type: Organism

Proper Citation

RRID:MGI:5484929

Organism Information

URL:

Proper Citation: RRID:MGI:5484929

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

Species: Mus musculus

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

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

Affected Gene: M1ap

Genomic Alteration: Gt(RRO290)Byg

Catalog Number: 5484929

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Not Available

Source References: [PMID:23269666](#)

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

Record Creation Time: 20240120T185706+0000

Record Last Update: 20240130T201453+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.