

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Mcm4^{Gt\(RRE056\)Byg}/Mcm4⁺; Mcm3^{Gt\(RRR002\)Byg}/Mcm3⁺; Mcm2^{Gt\(AB0178\)Wtsi}/Mcm2⁺](#)

RRID:MGI:4838122

Type: Organism

Proper Citation

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Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: chromosomal instability, abnormal erythrocyte morphology

Affected Gene: Mcm2, Mcm3, Mcm4

Genomic Alteration: Gt(RRR002)Byg, Gt(AB0178)Wtsi, Gt(RRE056)Byg

Catalog Number: 4838122

Background: involves: 129P2/OlaHsd * C3HeB/FeJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20838603](#)

Organism Name: Mcm4^{Gt(RRE056)Byg}/Mcm4⁺; Mcm3^{Gt(RRR002)Byg}/Mcm3⁺; Mcm2^{Gt(AB0178)Wtsi}/Mcm2⁺

Record Creation Time: 20240120T190242+0000

Record Last Update: 20240130T201812+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Mcm4}^{\text{Gt(RRE056)Byg/Mcm4}^+}$; $\text{Mcm3}^{\text{Gt(RRR002)Byg/Mcm3}^+}$; $\text{Mcm2}^{\text{Gt(AB0178)Wtsi/Mcm2}^+}$.

No alerts have been found for $\text{Mcm4}^{\text{Gt(RRE056)Byg/Mcm4}^+}$; $\text{Mcm3}^{\text{Gt(RRR002)Byg/Mcm3}^+}$; $\text{Mcm2}^{\text{Gt(AB0178)Wtsi/Mcm2}^+}$.

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.