

# Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[Mcm4<sup>Gt\(RRE056\)Byg/Mcm4<sup>+</sup></sup>](#); [Mcm2<sup>Gt\(AB0178\)Wtsi/Mcm2<sup>+</sup></sup>](#); [Mcm6<sup>Gt\(YHD248\)Byg/Mcm6<sup>+</sup></sup>](#); [Mcm3<sup>Gt\(RRR002\)Byg/Mcm3<sup>+</sup></sup>](#)

RRID:MGI:4838127

Type: Organism

## Proper Citation

RRID:MGI:4838127

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4838127

**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, Mcm6, Mcm4

**Genomic Alteration:** Gt(AB0178)Wtsi, Gt(RRR002)Byg, Gt(YHD248)Byg, Gt(RRE056)Byg

**Catalog Number:** 4838127

**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<sup>Gt(RRE056)Byg/Mcm4<sup>+</sup></sup>; Mcm2<sup>Gt(AB0178)Wtsi/Mcm2<sup>+</sup></sup>; Mcm6<sup>Gt(YHD248)Byg/Mcm6<sup>+</sup></sup>; Mcm3<sup>Gt(RRR002)Byg/Mcm3<sup>+</sup></sup>

**Record Creation Time:** 20240120T190242+0000

**Record Last Update:** 20240130T201812+0000

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## Ratings and Alerts

No rating or validation information has been found for  $\text{Mcm4}^{\text{Gt(RRE056)Byg/Mcm4}^+}$ ;  $\text{Mcm2}^{\text{Gt(AB0178)Wtsi/Mcm2}^+}$ ;  $\text{Mcm6}^{\text{Gt(YHD248)Byg/Mcm6}^+}$ ;  $\text{Mcm3}^{\text{Gt(RRR002)Byg/Mcm3}^+}$ .

No alerts have been found for  $\text{Mcm4}^{\text{Gt(RRE056)Byg/Mcm4}^+}$ ;  $\text{Mcm2}^{\text{Gt(AB0178)Wtsi/Mcm2}^+}$ ;  $\text{Mcm6}^{\text{Gt(YHD248)Byg/Mcm6}^+}$ ;  $\text{Mcm3}^{\text{Gt(RRR002)Byg/Mcm3}^+}$ .

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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.