

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

[Mcm7^{Gt\(YTA285\)Byg/Mcm7⁺}](#); [Mcm2^{Gt\(AB0178\)Wtsi/Mcm2⁺}](#); [Mcm3^{Gt\(RRR002\)Byg/Mcm3⁺}](#); [Mcm6^{Gt\(YHD248\)Byg/Mcm6⁺}](#)

RRID:MGI:4838124

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: abnormal erythrocyte morphology, chromosomal instability

Affected Gene: Mcm2, Mcm7, Mcm3, Mcm6

Genomic Alteration: Gt(AB0178)Wtsi, Gt(RRR002)Byg, Gt(YHD248)Byg, Gt(YTA285)Byg

Catalog Number: 4838124

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: Mcm7^{Gt(YTA285)Byg/Mcm7⁺}; Mcm2^{Gt(AB0178)Wtsi/Mcm2⁺}; Mcm3^{Gt(RRR002)Byg/Mcm3⁺}; Mcm6^{Gt(YHD248)Byg/Mcm6⁺}

Record Creation Time: 20240120T190242+0000

Record Last Update: 20240130T201812+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Mcm7}^{\text{Gt(YTA285)Byg/Mcm7}^+}$; $\text{Mcm2}^{\text{Gt(AB0178)Wtsi/Mcm2}^+}$; $\text{Mcm3}^{\text{Gt(RRR002)Byg/Mcm3}^+}$; $\text{Mcm6}^{\text{Gt(YHD248)Byg/Mcm6}^+}$.

No alerts have been found for $\text{Mcm7}^{\text{Gt(YTA285)Byg/Mcm7}^+}$; $\text{Mcm2}^{\text{Gt(AB0178)Wtsi/Mcm2}^+}$; $\text{Mcm3}^{\text{Gt(RRR002)Byg/Mcm3}^+}$; $\text{Mcm6}^{\text{Gt(YHD248)Byg/Mcm6}^+}$.

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.