

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

[Mcm4^{chaos3}/Mcm4^{chaos3}; Mcm7^{Gt\(YTA285\)Byg}/Mcm7⁺](#)

RRID:MGI:4838117

Type: Organism

Proper Citation

RRID:MGI:4838117

Organism Information

URL:

Proper Citation: RRID:MGI:4838117

Description: Allele Detail: Gene trapped, Chemically induced (ENU) This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped, Chemically induced (ENU) This is a legacy resource.

Phenotype: chromosomal instability, abnormal erythrocyte morphology, prenatal lethality, incomplete penetrance, reticulocytosis, postnatal lethality, incomplete penetrance, decreased body weight

Affected Gene: Mcm7, Mcm4

Genomic Alteration: Gt(YTA285)Byg, chaos3

Catalog Number: 4838117

Background: involves: 129P2/OlaHsd * C3HeB/FeJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20838603](#)

Organism Name: Mcm4^{chaos3}/Mcm4^{chaos3}; Mcm7^{Gt(YTA285)Byg}/Mcm7⁺

Record Creation Time: 20240120T190242+0000

Record Last Update: 20240130T201812+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Mcm4}^{\text{chaos3}}/\text{Mcm4}^{\text{chaos3}}$; $\text{Mcm7}^{\text{Gt(YTA285)Byg}}/\text{Mcm7}^+$.

No alerts have been found for $\text{Mcm4}^{\text{chaos3}}/\text{Mcm4}^{\text{chaos3}}$; $\text{Mcm7}^{\text{Gt(YTA285)Byg}}/\text{Mcm7}^+$.

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.