

# Resource Summary Report

Generated by T1D on Sep 6, 2026

Mcm4<sup>chaos3</sup>/Mcm4<sup>chaos3</sup>; Mcm7<sup>Gt(YTA285)Byg</sup>/Mcm7<sup>+</sup>

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](https://pubmed.ncbi.nlm.nih.gov/20838603/)

**Organism Name:** Mcm4<sup>chaos3</sup>/Mcm4<sup>chaos3</sup>; Mcm7<sup>Gt(YTA285)Byg</sup>/Mcm7<sup>+</sup>

**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.