

Resource Summary Report

Generated by [dkNET](#) on Aug 10, 2026

Chek2^{tm1Mak}/Chek2^{tm1Mak}

RRID:MGI:2662578

Type: Organism

Proper Citation

RRID:MGI:2662578

Organism Information

URL:

Proper Citation: RRID:MGI:2662578

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: decreased cellular sensitivity to gamma-irradiation, increased incidence of tumors by chemical induction, abnormal cell cycle checkpoint function

Affected Gene: Chek2

Genomic Alteration: tm1Mak

Catalog Number: 2662578

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12192050](#)

Organism Name: Chek2^{tm1Mak}/Chek2^{tm1Mak}

Record Creation Time: 20240120T190735+0000

Record Last Update: 20240130T202059+0000

Ratings and Alerts

No rating or validation information has been found for Chek2^{tm1Mak}/Chek2^{tm1Mak}.

No alerts have been found for Chek2^{tm1Mak}/Chek2^{tm1Mak}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Rinaldi VD, et al. (2017) The DNA Damage Checkpoint Eliminates Mouse Oocytes with Chromosome Synapsis Failure. Molecular cell, 67(6), 1026.