

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[Msh2^{tm1Rak}/Msh2^{tm1Rak}](#)

RRID:MGI:4355514

Type: Organism

Proper Citation

RRID:MGI:4355514

Organism Information

URL:

Proper Citation: RRID:MGI:4355514

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

Species: Mus musculus

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

Phenotype: premature death, increased lymphoma incidence

Affected Gene: Msh2

Genomic Alteration: tm1Rak

Catalog Number: 4355514

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:15700306](#)

Organism Name: Msh2^{tm1Rak}/Msh2^{tm1Rak}

Record Creation Time: 20240120T190327+0000

Record Last Update: 20240130T201837+0000

Ratings and Alerts

No rating or validation information has been found for Msh2^{tm1Rak}/Msh2^{tm1Rak}.

No alerts have been found for Msh2^{tm1Rak}/Msh2^{tm1Rak}.

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 [NIF](#).

Peterson SE, et al. (2020) Mechanistic Insight into Crossing over during Mouse Meiosis. Molecular cell, 78(6), 1252.