

Resource Summary Report

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

[Msh2^{tm1Htr}/Msh2^{tm1Htr}](#)

RRID:MGI:4429602

Type: Organism

Proper Citation

RRID:MGI:4429602

Organism Information

URL:

Proper Citation: RRID:MGI:4429602

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

Species: Mus musculus

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

Phenotype: decreased IgG1 level, decreased IgG3 level, abnormal class switch recombination, abnormal somatic hypermutation frequency, abnormal inflammatory response, increased brain tumor incidence, increased gastrointestinal tumor incidence, immune system phenotype, increased tumor incidence, increased T cell derived lymphoma incidence, increased skin tumor incidence, premature death, increased lymphoma incidence

Affected Gene: Msh2

Genomic Alteration: tm1Htr

Catalog Number: 4429602

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10369687](#), [PMID:9607915](#), [PMID:19901081](#), [PMID:9443401](#)

Organism Name: Msh2^{tm1Htr}/Msh2^{tm1Htr}

Record Creation Time: 20240120T190308+0000

Record Last Update: 20240130T201908+0000

Ratings and Alerts

No rating or validation information has been found for Msh2^{tm1Htr}/Msh2^{tm1Htr}.

No alerts have been found for Msh2^{tm1Htr}/Msh2^{tm1Htr}.

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.