

# Resource Summary Report

Generated by [ASWG](#) on Jul 31, 2026

## [Msh2<sup>tm1Rak</sup>/Msh2<sup>tm1Rak</sup>](#)

RRID:MGI:4355511

Type: Organism

### Proper Citation

RRID:MGI:4355511

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4355511

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

**Species:** Mus musculus

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

**Phenotype:** increased lymphoma incidence, increased gastrointestinal tumor incidence, decreased mature B cell number, premature death, abnormal class switch recombination

**Affected Gene:** Msh2

**Genomic Alteration:** tm1Rak

**Catalog Number:** 4355511

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

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:10992298](#), [PMID:10430621](#)

**Organism Name:** Msh2<sup>tm1Rak</sup>/Msh2<sup>tm1Rak</sup>

**Record Creation Time:** 20240120T190327+0000

**Record Last Update:** 20240130T201837+0000

---

## Ratings and Alerts

No rating or validation information has been found for Msh2<sup>tm1Rak</sup>/Msh2<sup>tm1Rak</sup>.

No alerts have been found for Msh2<sup>tm1Rak</sup>/Msh2<sup>tm1Rak</sup>.

---

## 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.