

# Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[Msh4<sup>tm1Wed</sup>/Msh4<sup>tm1Wed</sup>](#); [Msh5<sup>tm1Rak</sup>/Msh5<sup>tm1Rak</sup>](#)

RRID:MGI:2663948

Type: Organism

## Proper Citation

RRID:MGI:2663948

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2663948

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

**Species:** Mus musculus

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

**Phenotype:** female infertility, male infertility, abnormal male meiosis

**Affected Gene:** Msh4, Msh5

**Genomic Alteration:** tm1Rak, tm1Wed

**Catalog Number:** 2663948

**Background:** involves: 129/Sv \* C57BL/6 \* SJL

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:10809667](#)

**Organism Name:** Msh4<sup>tm1Wed</sup>/Msh4<sup>tm1Wed</sup>; Msh5<sup>tm1Rak</sup>/Msh5<sup>tm1Rak</sup>

**Record Creation Time:** 20240120T190734+0000

**Record Last Update:** 20240130T202059+0000

## Ratings and Alerts

No rating or validation information has been found for Msh4<sup>tm1Wed</sup>/Msh4<sup>tm1Wed</sup>; Msh5<sup>tm1Rak</sup>/Msh5<sup>tm1Rak</sup>.

No alerts have been found for Msh4<sup>tm1Wed</sup>/Msh4<sup>tm1Wed</sup>; Msh5<sup>tm1Rak</sup>/Msh5<sup>tm1Rak</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Klaren RE, et al. (2016) Effects of exercise in a relapsing-remitting model of experimental autoimmune encephalomyelitis. Journal of neuroscience research, 94(10), 907.