

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

[Msh4^{tm1Wed}/Msh4^{tm1Wed}](#); [Msh5^{tm1Rak}/Msh5^{tm1Rak}](#)

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^{tm1Wed}/Msh4^{tm1Wed}; Msh5^{tm1Rak}/Msh5^{tm1Rak}

Record Creation Time: 20240120T190734+0000

Record Last Update: 20240130T202059+0000

Ratings and Alerts

No rating or validation information has been found for Msh4^{tm1Wed}/Msh4^{tm1Wed}; Msh5^{tm1Rak}/Msh5^{tm1Rak}.

No alerts have been found for Msh4^{tm1Wed}/Msh4^{tm1Wed}; Msh5^{tm1Rak}/Msh5^{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](#) .

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