

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[Asz1^{tm1Zuk}/Asz1^{tm1Zuk}](#)

RRID:MGI:4357778

Type: Organism

Proper Citation

RRID:MGI:4357778

Organism Information

URL:

Proper Citation: RRID:MGI:4357778

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

Species: Mus musculus

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

Phenotype: male infertility, chromosomal instability, abnormal male meiosis, abnormal spermatocyte morphology, abnormal DNA methylation during gametogenesis, decreased testis weight, arrest of spermatogenesis

Affected Gene: Asz1

Genomic Alteration: tm1Zuk

Catalog Number: 4357778

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19730684](#)

Organism Name: Asz1^{tm1Zuk}/Asz1^{tm1Zuk}

Record Creation Time: 20240120T190326+0000

Record Last Update: 20240130T201836+0000

Ratings and Alerts

No rating or validation information has been found for Asz1^{tm1Zuk}/Asz1^{tm1Zuk}.

No alerts have been found for Asz1^{tm1Zuk}/Asz1^{tm1Zuk}.

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](#) .

Ikeda S, et al. (2022) Disruption of piRNA machinery by deletion of ASZ1/GASZ results in the expression of aberrant chimeric transcripts in gonocytes. The Journal of reproduction and development, 68(2), 125.