

# Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

[Asz1<sup>tm1Zuk</sup>/Asz1<sup>tm1Zuk</sup>](#)

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<sup>tm1Zuk</sup>/Asz1<sup>tm1Zuk</sup>

**Record Creation Time:** 20240120T190326+0000

**Record Last Update:** 20240130T201836+0000

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## Ratings and Alerts

No rating or validation information has been found for Asz1<sup>tm1Zuk</sup>/Asz1<sup>tm1Zuk</sup>.

No alerts have been found for Asz1<sup>tm1Zuk</sup>/Asz1<sup>tm1Zuk</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 [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.