

# Resource Summary Report

Generated by [T1D](#) on Sep 20, 2026

## [Zap70<sup>m1Saka</sup>/Zap70<sup>m1Saka</sup>](#)

RRID:MGI:3698734

Type: Organism

### Proper Citation

RRID:MGI:3698734

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3698734

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

**Species:** Mus musculus

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

**Phenotype:** decreased T cell proliferation, decreased T cell proliferation, decreased CD4-positive, alpha beta T cell number, osteoporosis, abnormal T cell selection, decreased CD8-positive, alpha-beta T cell number, abnormal T cell differentiation, abnormal thymus cell ratio, decreased CD8-positive, alpha-beta T cell number, abnormal positive T cell selection, abnormal splenic cell ratio, increased B cell number, abnormal thymocyte activation, increased immunoglobulin level, increased autoantibody level, decreased CD4-positive, alpha beta T cell number, joint swelling, decreased interleukin-2 secretion, fused joints, rheumatoid arthritis, abnormal positive T cell selection, chronic joint inflammation, abnormal lymph node cell ratio, increased susceptibility to induced arthritis, lung inflammation, increased activated T cell number, increased memory T cell number, decreased regulatory T cell number, increased interleukin-17 secretion, abnormal T cell clonal deletion, mixed cellular infiltration to dermis, joint dislocation

**Affected Gene:** Zap70

**Genomic Alteration:** m1Saka

**Catalog Number:** 3698734

**Background:** involves: BALB/c

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:19841086](#), [PMID:14647385](#)

**Organism Name:** Zap70<sup>m1Saka</sup>/Zap70<sup>m1Saka</sup>

**Record Creation Time:** 20240120T190532+0000

**Record Last Update:** 20240130T201948+0000

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## Ratings and Alerts

No rating or validation information has been found for Zap70<sup>m1Saka</sup>/Zap70<sup>m1Saka</sup>.

No alerts have been found for Zap70<sup>m1Saka</sup>/Zap70<sup>m1Saka</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 have not found any literature mentions for this resource.