

# Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

## [Mysm1<sup>tm1a\(KOMP\)Wtsi</sup>](#)/[Mysm1<sup>tm1a\(KOMP\)Wtsi</sup>](#)

RRID:MGI:5449983

Type: Organism

### Proper Citation

RRID:MGI:5449983

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5449983

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

**Species:** Mus musculus

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

**Phenotype:** hyperactivity, decreased circulating triglyceride level, increased granulocyte number, decreased body weight, increased circulating alkaline phosphatase level, increased IgG2b level, abnormal gait, increased circulating phosphate level, abnormal hindlimb morphology, abnormal autopod morphology, decreased erythrocyte cell number, decreased leukocyte cell number, curly tail, kinked tail, abnormal coat/ hair morphology, decreased body length, abnormal body length, trunk curl, decreased hemoglobin content, abnormal coping response, abnormal vertebrae morphology, tremors, abnormal coat/hair pigmentation, hypoactivity, abnormal behavior, decreased mature B cell number, increased T cell number, abnormal bone structure, decreased B cell number, abnormal bone mineralization, decreased circulating cholesterol level, increased mean corpuscular volume, abnormal tail morphology, decreased lean body mass, increased mean corpuscular hemoglobin concentration, decreased hematocrit, thrombocytosis

**Affected Gene:** Mysm1

**Genomic Alteration:** tm1a(KOMP)Wtsi

**Catalog Number:** 5449983

**Background:** Not Specified

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

**Database Abbreviation:** MGI

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

**Organism Name:** Mysm1<sup>tm1a(KOMP)Wtsi</sup>/Mysm1<sup>tm1a(KOMP)Wtsi</sup>

**Record Creation Time:** 20240120T190129+0000

**Record Last Update:** 20240130T201730+0000

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## Ratings and Alerts

No rating or validation information has been found for Mysm1<sup>tm1a(KOMP)Wtsi</sup>/Mysm1<sup>tm1a(KOMP)Wtsi</sup>.

No alerts have been found for Mysm1<sup>tm1a(KOMP)Wtsi</sup>/Mysm1<sup>tm1a(KOMP)Wtsi</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.