

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

[Mysm1^{tm1a\(KOMP\)Wtsi}](#)/[Mysm1^{tm1a\(KOMP\)Wtsi}](#)

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^{tm1a(KOMP)Wtsi}/Mysm1^{tm1a(KOMP)Wtsi}

Record Creation Time: 20240120T190129+0000

Record Last Update: 20240130T201730+0000

Ratings and Alerts

No rating or validation information has been found for Mysm1^{tm1a(KOMP)Wtsi}/Mysm1^{tm1a(KOMP)Wtsi}.

No alerts have been found for Mysm1^{tm1a(KOMP)Wtsi}/Mysm1^{tm1a(KOMP)Wtsi}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.