

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

[Jak3^{tm1Tks}/Jak3^{tm1Tks}](#)

RRID:MGI:3579842

Type: Organism

Proper Citation

RRID:MGI:3579842

Organism Information

URL:

Proper Citation: RRID:MGI:3579842

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

Species: Mus musculus

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

Phenotype: abnormal T cell number, decreased pre-B cell number, absent NK cells, small thymus medulla, abnormal CD4-positive, alpha beta T cell morphology, abnormal thymus cortex morphology, thymus cortex hypoplasia, decreased B cell number, abnormal spleen white pulp morphology, abnormal spleen periarteriolar lymphoid sheath morphology, thymus hypoplasia, absent Hassall's corpuscle, decreased thymocyte number, abnormal thymus medulla morphology, abnormal B cell differentiation, abnormal T cell physiology, abnormal lymphopoiesis, abnormal T cell morphology, absent lymph nodes, small spleen, abnormal thymus corticomedullary boundary morphology, spleen hypoplasia, abnormal mesenteric lymph node morphology

Affected Gene: Jak3

Genomic Alteration: tm1Tks

Catalog Number: 3579842

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:8777722](#)

Organism Name: Jak3^{tm1Tks}/Jak3^{tm1Tks}

Record Creation Time: 20240120T190631+0000

Record Last Update: 20240130T202120+0000

Ratings and Alerts

No rating or validation information has been found for Jak3^{tm1Tks}/Jak3^{tm1Tks}.

No alerts have been found for Jak3^{tm1Tks}/Jak3^{tm1Tks}.

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.