

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

[Ptpn22^{tm1.1Kas}/Ptpn22^{tm1.1Kas}](#)

RRID:MGI:5294245

Type: Organism

Proper Citation

RRID:MGI:5294245

Organism Information

URL:

Proper Citation: RRID:MGI:5294245

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

Species: Mus musculus

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

Phenotype: increased spleen germinal center size, increased IgG3 level, increased IgG2a level, increased CD8-positive, alpha-beta T cell number, increased CD4-positive, alpha beta T cell number, increased B cell proliferation, immune system phenotype, enlarged thymus, enlarged spleen, abnormal dendritic cell physiology, increased IgM level, increased spleen germinal center number, increased interleukin-12 secretion, increased dendritic cell number, increased T cell proliferation, increased T cell number

Affected Gene: Ptpn22

Genomic Alteration: tm1.1Kas

Catalog Number: 5294245

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21841778](#)

Organism Name: Ptpn22^{tm1.1Kas}/Ptpn22^{tm1.1Kas}

Record Creation Time: 20240120T190208+0000

Record Last Update: 20240130T201755+0000

Ratings and Alerts

No rating or validation information has been found for Ptpn22^{tm1.1Kas}/Ptpn22^{tm1.1Kas}.

No alerts have been found for Ptpn22^{tm1.1Kas}/Ptpn22^{tm1.1Kas}.

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.