

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[Ptpn22^{tm1.1Draw}/Ptpn22⁺](#)

RRID:MGI:5517355

Type: Organism

Proper Citation

RRID:MGI:5517355

Organism Information

URL:

Proper Citation: RRID:MGI:5517355

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

Species: Mus musculus

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

Phenotype: increased T cell proliferation, abnormal T cell physiology, abnormal B cell differentiation, abnormal thymus morphology, abnormal B cell physiology, thymus hyperplasia, increased IgG1 level, abnormal T cell morphology, increased B cell number, enlarged spleen, decreased follicular B cell number, decreased mature B cell number, increased B cell proliferation, increased CD4-positive, alpha-beta memory T cell number, abnormal B cell number, abnormal T cell number, decreased B cell apoptosis, autoimmune response, abnormal B cell morphology, spleen hyperplasia, increased anti-double stranded DNA antibody level, increased double-positive T cell number, increased germinal center B cell number, increased interleukin-2 secretion, increased regulatory T cell number, increased transitional stage T1 B cell number, increased spleen germinal center size

Affected Gene: Ptpn22

Genomic Alteration: tm1.1Draw

Catalog Number: 5517355

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23619366](#)

Organism Name: Ptpn22^{tm1.1Draw}/Ptpn22⁺

Record Creation Time: 20240120T190107+0000

Record Last Update: 20240130T201718+0000

Ratings and Alerts

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

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

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.