

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

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

RRID:MGI:5517354

Type: Organism

Proper Citation

RRID:MGI:5517354

Organism Information

URL:

Proper Citation: RRID:MGI:5517354

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

Species: Mus musculus

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

Phenotype: decreased mature B cell number, increased IgG3 level, decreased follicular B cell number, abnormal B cell physiology, increased IgM level, increased T cell proliferation, abnormal T cell morphology, abnormal T cell physiology, abnormal B cell activation, abnormal B cell differentiation, abnormal T cell differentiation, abnormal lung morphology, abnormal salivary gland morphology, abnormal thymus morphology, autoimmune response, abnormal B cell morphology, decreased B cell apoptosis, increased anti-double stranded DNA antibody level, increased anti-insulin autoantibody level, increased double-positive T cell number, enlarged spleen, glomerulonephritis, immune system phenotype, increased B cell number, increased effector memory CD4-positive, alpha-beta T cell number, increased effector memory CD8-positive, alpha-beta T cell number, increased germinal center B cell number, increased inflammatory response, increased interleukin-2 secretion, increased physiological sensitivity to xenobiotic, increased regulatory T cell number, increased spleen germinal center size, increased transitional stage T1 B cell number, premature death, spleen hyperplasia, thymus hyperplasia, vasculitis, increased IgG1 level, increased IgE level, increased B cell proliferation

Affected Gene: Ptpn22

Genomic Alteration: tm1.1Draw

Catalog Number: 5517354

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^{tm1.1Draw}

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^{tm1.1Draw}.

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

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.