

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[Ptpn11^{tm1Bgn}/Ptpn11⁺](#)

RRID:MGI:3050469

Type: Organism

Proper Citation

RRID:MGI:3050469

Organism Information

URL:

Proper Citation: RRID:MGI:3050469

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

Species: Mus musculus

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

Phenotype: flattened snout, decreased body weight, perinatal lethality, incomplete penetrance, broad snout, decreased body length, increased lymphocyte cell number, increased cell proliferation, enlarged spleen, double outlet right ventricle, increased leukocyte cell number, enlarged mitral valve, decreased cardiomyocyte apoptosis, myeloid hyperplasia, ventricular septal defect, hepatic necrosis, small cranium, abnormal heart development, increased neutrophil cell number

Affected Gene: Ptpn11

Genomic Alteration: tm1Bgn

Catalog Number: 3050469

Background: involves: 129S4/SvJae * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15273746](#)

Organism Name: Ptpn11^{tm1Bgn}/Ptpn11⁺

Record Creation Time: 20240120T190653+0000

Record Last Update: 20240130T202036+0000

Ratings and Alerts

No rating or validation information has been found for Ptpn11^{tm1Bgn}/Ptpn11⁺.

No alerts have been found for Ptpn11^{tm1Bgn}/Ptpn11⁺.

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.