

# Resource Summary Report

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

## [Ptpn11<sup>tm1Bgn</sup>/Ptpn11<sup>+</sup>](#)

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<sup>tm1Bgn</sup>/Ptpn11<sup>+</sup>

**Record Creation Time:** 20240120T190653+0000

**Record Last Update:** 20240130T202036+0000

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## Ratings and Alerts

No rating or validation information has been found for Ptpn11<sup>tm1Bgn</sup>/Ptpn11<sup>+</sup>.

No alerts have been found for Ptpn11<sup>tm1Bgn</sup>/Ptpn11<sup>+</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.