

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

[Ptpn12^{tm1Mtr}/Ptpn12^{tm1Mtr}](#)

RRID:MGI:3708005

Type: Organism

Proper Citation

RRID:MGI:3708005

Organism Information

URL:

Proper Citation: RRID:MGI:3708005

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

Species: Mus musculus

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

Phenotype: abnormal liver development, abnormal somite development, abnormal vascular branching morphogenesis, abnormal vitelline vasculature morphology, decreased vascular endothelial cell number, embryonic lethality during organogenesis, complete penetrance, abnormal septum transversum morphology, abnormal embryo development, embryonic growth retardation, kinked neural tube, abnormal heart development, abnormal rostral-caudal body axis extension, neural tube degeneration, failure of initiation of embryo turning

Affected Gene: Ptpn12

Genomic Alteration: tm1Mtr

Catalog Number: 3708005

Background: involves: 129S4/SvJae * BALB/c

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17070019](#)

Organism Name: Ptpn12^{tm1Mtr}/Ptpn12^{tm1Mtr}

Record Creation Time: 20240120T190524+0000

Record Last Update: 20240130T201944+0000

Ratings and Alerts

No rating or validation information has been found for Ptpn12^{tm1Mtr}/Ptpn12^{tm1Mtr}.

No alerts have been found for Ptpn12^{tm1Mtr}/Ptpn12^{tm1Mtr}.

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.