

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

[Ptp^{tm1Taka}](#)/[Ptp^{tm1Taka}](#)

RRID:MGI:2653314

Type: Organism

Proper Citation

RRID:MGI:2653314

Organism Information

URL:

Proper Citation: RRID:MGI:2653314

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

Species: Mus musculus

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

Phenotype: embryonic growth retardation, increased vascular endothelial cell number, abnormal endocardium morphology, abnormal pericardial cavity morphology, embryonic lethality during organogenesis, complete penetrance, abnormal vascular smooth muscle morphology, abnormal pericyte morphology, decreased embryo size, absent atrioventricular cushions, microcephaly, abnormal intersomitic vessel morphology, abnormal vitelline vasculature morphology, abnormal vascular development, abnormal vascular branching morphogenesis, delayed heart looping, abnormal vitelline vascular remodeling, abnormal dorsal aorta morphology, failure of vascular branching, vascular smooth muscle hypoplasia, abnormal heart development, abnormal vascular endothelial cell morphology, distended pericardium, thin myocardium, abnormal myocardial trabeculae morphology

Affected Gene: Ptp^{tm1Taka}

Genomic Alteration: tm1Taka

Catalog Number: 2653314

Background: involves: 129S6/SvEvTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12588999](#)

Organism Name: Ptp^{tm1Taka}/Ptp^{tm1Taka}

Record Creation Time: 20240120T190742+0000

Record Last Update: 20240130T202103+0000

Ratings and Alerts

No rating or validation information has been found for Ptp^{tm1Taka}/Ptp^{tm1Taka}.

No alerts have been found for Ptp^{tm1Taka}/Ptp^{tm1Taka}.

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.