

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[Pdgfb^{tm1Cbet}](#)/[Pdgfb^{tm1Cbet}](#)

RRID:MGI:2450095

Type: Organism

Proper Citation

RRID:MGI:2450095

Organism Information

URL:

Proper Citation: RRID:MGI:2450095

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

Species: Mus musculus

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

Phenotype: abnormal capillary morphology, skin edema, decreased hematocrit, decreased hemoglobin content, increased mean corpuscular volume, absent mesangial cell, abnormal aorta smooth muscle morphology, aorta dilation, respiratory failure, abnormal urinary bladder morphology, lethality throughout fetal growth and development, incomplete penetrance, abnormal artery morphology, small liver, macrocytic anemia, kidney microaneurysm, abnormal vascular endothelial cell morphology, abnormal glial cell morphology, mesangial cell hypoplasia, hemorrhage, abnormal renal glomerulus morphology, abnormal blood vessel morphology, small kidney, perinatal lethality, incomplete penetrance, abnormal pericyte morphology, abnormal placenta vasculature, abnormal placental labyrinth vasculature morphology, abnormal trophoblast layer morphology, abnormal heart right ventricle morphology, abnormal coronary vessel morphology, congestive heart failure, erythroblastosis, enlarged heart, dilated heart right ventricle, dilated heart left ventricle, thrombocytopenia, abnormal kidney morphology, abnormal blood vessel morphology, increased vascular endothelial cell number

Affected Gene: Pdgfb

Genomic Alteration: tm1Cbet

Catalog Number: 2450095

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10419690](#), [PMID:7958863](#), [PMID:11331305](#)

Organism Name: $\text{Pdgfb}^{\text{tm1Cbet}}/\text{Pdgfb}^{\text{tm1Cbet}}$

Record Creation Time: 20240120T190745+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Pdgfb}^{\text{tm1Cbet}}/\text{Pdgfb}^{\text{tm1Cbet}}$.

No alerts have been found for $\text{Pdgfb}^{\text{tm1Cbet}}/\text{Pdgfb}^{\text{tm1Cbet}}$.

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.