

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Pdgfra^{tm12.1Sor}/Pdgfra⁺](#)

RRID:MGI:3838617

Type: Organism

Proper Citation

RRID:MGI:3838617

Organism Information

URL:

Proper Citation: RRID:MGI:3838617

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

Species: Mus musculus

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

Phenotype: increased fibroblast proliferation, esophagus hyperplasia, increased cell proliferation, increased fibroblast chemotaxis, abnormal ureter smooth muscle morphology, abnormal kidney pelvis morphology, ureter obstruction, pulmonary hyperplasia, postnatal lethality, complete penetrance, abnormal lung development, abnormal mesenchyme morphology, abnormal ureter development, increased mesenchymal cell proliferation involved in lung development, abnormal immune system organ morphology, wide sternum, abnormal rib morphology, abnormal sternum morphology, abnormal stomach morphology, abnormal ureter morphology, edema, increased embryo size, increased fetal size

Affected Gene: Pdgfra

Genomic Alteration: tm12.1Sor

Catalog Number: 3838617

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19217431](#)

Organism Name: $\text{Pdgfra}^{\text{tm}12.1\text{Sor}}/\text{Pdgfra}^+$

Record Creation Time: 20240120T190348+0000

Record Last Update: 20240130T201851+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Pdgfra}^{\text{tm}12.1\text{Sor}}/\text{Pdgfra}^+$.

No alerts have been found for $\text{Pdgfra}^{\text{tm}12.1\text{Sor}}/\text{Pdgfra}^+$.

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.