

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Ptprd^{tm1Yiw}/Ptprd^{tm1Yiw}; Ptprs^{tm1Mtr}/Ptprs^{tm1Mtr}](#)

RRID:MGI:4839393

Type: Organism

Proper Citation

RRID:MGI:4839393

Organism Information

URL:

Proper Citation: RRID:MGI:4839393

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

Species: Mus musculus

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

Phenotype: thin dermal layer, abnormal motor neuron morphology, decreased motor neuron number, underdeveloped hair follicles, neonatal lethality, complete penetrance, kyphosis, carpopptosis, abnormal pulmonary alveolus morphology, translucent skin, thin diaphragm muscle, hypaxial muscle hypoplasia, axial skeleton hypoplasia, abnormal brown adipose tissue morphology, abnormal phrenic nerve morphology, centrally nucleated skeletal muscle fibers, increased subcutaneous adipose tissue amount

Affected Gene: Ptprd, Ptprs

Genomic Alteration: tm1Yiw, tm1Mtr

Catalog Number: 4839393

Background: B6.Cg-Ptprd Ptprs

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16738228](#)

Organism Name: Ptprd^{tm1Yiw}/Ptprd^{tm1Yiw}; Ptprs^{tm1Mtr}/Ptprs^{tm1Mtr}

Record Creation Time: 20240120T190240+0000

Record Last Update: 20240130T201812+0000

Ratings and Alerts

No rating or validation information has been found for Ptprd^{tm1Yiw}/Ptprd^{tm1Yiw}; Ptprs^{tm1Mtr}/Ptprs^{tm1Mtr}.

No alerts have been found for Ptprd^{tm1Yiw}/Ptprd^{tm1Yiw}; Ptprs^{tm1Mtr}/Ptprs^{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.