

Resource Summary Report

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

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

RRID:MGI:3622901

Type: Organism

Proper Citation

RRID:MGI:3622901

Organism Information

URL:

Proper Citation: RRID:MGI:3622901

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

Species: Mus musculus

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

Phenotype: small pituitary gland, absent estrous cycle, absent estrus, impaired olfaction, decreased body weight, neonatal lethality, incomplete penetrance, decreased brain size, decreased litter size, decreased circulating insulin-like growth factor I level, postnatal growth retardation, small olfactory bulb

Affected Gene: Ptprs

Genomic Alteration: tm1Mtr

Catalog Number: 3622901

Background: involves: 129/Sv * BALB/c

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10080191](#), [PMID:10080192](#)

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

Record Creation Time: 20240120T190600+0000

Record Last Update: 20240130T202049+0000

Ratings and Alerts

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

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