

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

[Pltp^{tm1Jia}/Pltp^{tm1Jia}](#)

RRID:MGI:2176343

Type: Organism

Proper Citation

RRID:MGI:2176343

Organism Information

URL:

Proper Citation: RRID:MGI:2176343

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

Species: Mus musculus

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

Phenotype: abnormal corneal epithelium morphology, abnormal corneal stroma morphology, dry eyes, increased corneal epithelium thickness, abnormal sperm physiology, abnormal cauda epididymis morphology, abnormal caput epididymis morphology, reproductive system phenotype, reduced male fertility, abnormal vitamin E level, impaired fertilization, asthenozoospermia, abnormal circulating cholesterol level, increased circulating LDL cholesterol level, decreased circulating HDL cholesterol level, increased circulating VLDL cholesterol level, abnormal phospholipid level, disorganized corneal epithelium, abnormal cornea morphology

Affected Gene: Pltp

Genomic Alteration: tm1Jia

Catalog Number: 2176343

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16467369](#), [PMID:21514421](#), [PMID:10079112](#)

Organism Name: Pltp^{tm1Jia}/Pltp^{tm1Jia}

Record Creation Time: 20240120T190753+0000

Record Last Update: 20240130T202110+0000

Ratings and Alerts

No rating or validation information has been found for Pltp^{tm1Jia}/Pltp^{tm1Jia}.

No alerts have been found for Pltp^{tm1Jia}/Pltp^{tm1Jia}.

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.