

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

[Pcmt1^{tm1Shs}](#)/[Pcmt1^{tm1Shs}](#)

RRID:MGI:3623343

Type: Organism

Proper Citation

RRID:MGI:3623343

Organism Information

URL:

Proper Citation: RRID:MGI:3623343

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

Species: Mus musculus

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

Phenotype: increased circulating triglyceride level, kyphosis, decreased circulating cholesterol level, abnormal cell physiology, abnormal axon morphology, respiratory failure, abnormal nervous system electrophysiology, tonic-clonic seizures, myoclonus, clonic seizures, convulsive seizures, increased circulating corticosterone level, premature death, decreased body weight, increased brain weight, small spleen, decreased circulating creatine kinase level, decreased circulating ferritin level, decreased lactate dehydrogenase level, abnormal cerebral cortex pyramidal cell morphology, increased blood urea nitrogen level, decreased circulating phosphate level, abnormal brain wave pattern, increased circulating aldosterone level, postnatal growth retardation, increased brain size

Affected Gene: Pcmt1

Genomic Alteration: tm1Shs

Catalog Number: 3623343

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:9482793](#)

Organism Name: Pcmt1^{tm1Shs}/Pcmt1^{tm1Shs}

Record Creation Time: 20240120T190559+0000

Record Last Update: 20240130T202005+0000

Ratings and Alerts

No rating or validation information has been found for Pcmt1^{tm1Shs}/Pcmt1^{tm1Shs}.

No alerts have been found for Pcmt1^{tm1Shs}/Pcmt1^{tm1Shs}.

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.