

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

[Plp1^{tm1Kan}](#)

RRID:MGI:3620242

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3620242

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

Species: Mus musculus

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

Phenotype: abnormal myelin sheath morphology, abnormal hippocampal fimbria morphology, microgliosis, axonal spheroids, astrogliosis, abnormal gait, abnormal locomotor coordination, abnormal axon morphology, abnormal microglial cell morphology, abnormal oligodendrocyte morphology, abnormal oligodendrocyte morphology, astrogliosis, demyelination, impaired coordination, abnormal myelin sheath morphology, decreased cholesterol level

Affected Gene: Plp1

Genomic Alteration: tm1Kan

Catalog Number: 3620242

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9616125](#), [PMID:28836307](#), [PMID:23322581](#), [PMID:15662843](#)

Organism Name: Plp1^{tm1Kan}

Record Creation Time: 20240120T190603+0000

Record Last Update: 20240130T202007+0000

Ratings and Alerts

No rating or validation information has been found for Plp1^{tm1Kan}.

No alerts have been found for Plp1^{tm1Kan}.

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.