

Resource Summary Report

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

[Pip5k1c^{tm1Pdc}/Pip5k1c^{tm1Pdc}](#)

RRID:MGI:3055020

Type: Organism

Proper Citation

RRID:MGI:3055020

Organism Information

URL:

Proper Citation: RRID:MGI:3055020

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

Species: Mus musculus

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

Phenotype: abnormal inhibitory postsynaptic currents, abnormal miniature excitatory postsynaptic currents, abnormal CNS synaptic transmission, impaired synaptic plasticity, increased synaptic depression, absent gastric milk in neonates, neonatal lethality, complete penetrance, abnormal locomotor behavior

Affected Gene: Pip5k1c

Genomic Alteration: tm1Pdc

Catalog Number: 3055020

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15386003](#)

Organism Name: Pip5k1c^{tm1Pdc}/Pip5k1c^{tm1Pdc}

Record Creation Time: 20240120T190650+0000

Record Last Update: 20240130T202129+0000

Ratings and Alerts

No rating or validation information has been found for Pip5k1c^{tm1Pdc}/Pip5k1c^{tm1Pdc}.

No alerts have been found for Pip5k1c^{tm1Pdc}/Pip5k1c^{tm1Pdc}.

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.