

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

[Pik3cg^{tm1Pngr}/Pik3cg^{tm1Pngr}](#)

RRID:MGI:3619226

Type: Organism

Proper Citation

RRID:MGI:3619226

Organism Information

URL:

Proper Citation: RRID:MGI:3619226

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

Species: Mus musculus

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

Phenotype: decreased interferon-gamma secretion, abnormal NK cell differentiation, decreased thymocyte number, decreased T cell proliferation, increased monocyte cell number, increased neutrophil cell number, impaired neutrophil recruitment, decreased interleukin-2 secretion, abnormal definitive hematopoiesis, abnormal T cell differentiation, decreased cytotoxic T cell cytolysis, abnormal T cell activation, impaired neutrophil chemotaxis, decreased CD4-positive, alpha beta T cell number, abnormal T cell physiology, abnormal neutrophil physiology, abnormal T-helper 2 physiology, thymus hypoplasia, increased eosinophil cell number, abnormal immune cell physiology, decreased interferon-gamma secretion

Affected Gene: Pik3cg

Genomic Alteration: tm1Pngr

Catalog Number: 3619226

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:17723215](#), [PMID:10669416](#)

Organism Name: Pik3cg^{tm1Pngr}/Pik3cg^{tm1Pngr}

Record Creation Time: 20240120T190604+0000

Record Last Update: 20240130T202008+0000

Ratings and Alerts

No rating or validation information has been found for Pik3cg^{tm1Pngr}/Pik3cg^{tm1Pngr}.

No alerts have been found for Pik3cg^{tm1Pngr}/Pik3cg^{tm1Pngr}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Shepard RM, et al. (2024) PI3K?? inhibition circumvents inflammation and vascular leak in SARS-CoV-2 and other infections. Science translational medicine, 16(754), eadi6887.