

Resource Summary Report

Generated by T1D on Sep 18, 2026

[Pik3cg^{tm1Wym}/Pik3cg^{tm1Wym}](#)

RRID:MGI:3619268

Type: Organism

Proper Citation

RRID:MGI:3619268

Organism Information

URL:

Proper Citation: RRID:MGI:3619268

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

Species: Mus musculus

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

Phenotype: impaired neutrophil chemotaxis, increased neutrophil cell number, impaired macrophage chemotaxis, abnormal leukocyte physiology, abnormal neutrophil physiology, increased susceptibility to bacterial infection, impaired neutrophil recruitment

Affected Gene: Pik3cg

Genomic Alteration: tm1Wym

Catalog Number: 3619268

Background: either: 129/Sv-Pik3cg or (involves: 129S1/Sv * 129X1/SvJ * C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10669418](#)

Organism Name: Pik3cg^{tm1Wym}/Pik3cg^{tm1Wym}

Record Creation Time: 20240120T190604+0000

Record Last Update: 20240130T202051+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Pik3cg}^{\text{tm1Wym}}/\text{Pik3cg}^{\text{tm1Wym}}$.

No alerts have been found for $\text{Pik3cg}^{\text{tm1Wym}}/\text{Pik3cg}^{\text{tm1Wym}}$.

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 [T1D](#).

König C, et al. (2023) Prostaglandin EP3 receptor activation is antinociceptive in sensory neurons via PI3K?, AMPK and GRK2. British journal of pharmacology, 180(4), 441.