

Resource Summary Report

Generated by [dkNET](#) on Aug 4, 2026

[Pik3cg^{tm1Ehi}/Pik3cg^{tm1Ehi}](#)

RRID:MGI:3051977

Type: Organism

Proper Citation

RRID:MGI:3051977

Organism Information

URL:

Proper Citation: RRID:MGI:3051977

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

Species: Mus musculus

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

Phenotype: impaired macrophage chemotaxis, impaired neutrophil recruitment, abnormal heart ventricle morphology, decreased platelet aggregation, abnormal myocardial fiber morphology

Affected Gene: Pik3cg

Genomic Alteration: tm1Ehi

Catalog Number: 3051977

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19515725](#), [PMID:15294162](#)

Organism Name: Pik3cg^{tm1Ehi}/Pik3cg^{tm1Ehi}

Record Creation Time: 20240120T190652+0000

Record Last Update: 20240130T202035+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Pik3cg}^{\text{tm1Ehi}}/\text{Pik3cg}^{\text{tm1Ehi}}$.

No alerts have been found for $\text{Pik3cg}^{\text{tm1Ehi}}/\text{Pik3cg}^{\text{tm1Ehi}}$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Liu Q, et al. (2023) Electric field stimulation boosts neuronal differentiation of neural stem cells for spinal cord injury treatment via PI3K/Akt/GSK-3 β -catenin activation. Cell & bioscience, 13(1), 4.

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