

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[Pik3ca^{tm1.1Waph}/Pik3ca⁺](#)

RRID:MGI:5427584

Type: Organism

Proper Citation

RRID:MGI:5427584

Organism Information

URL:

Proper Citation: RRID:MGI:5427584

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

Species: Mus musculus

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

Phenotype: increased fibroblast proliferation, decreased fibroblast apoptosis, abnormal ovary morphology

Affected Gene: Pik3ca

Genomic Alteration: tm1.1Waph

Catalog Number: 5427584

Background: involves: 129S1/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22214849](#)

Organism Name: Pik3ca^{tm1.1Waph}/Pik3ca⁺

Record Creation Time: 20240120T190145+0000

Record Last Update: 20240130T201740+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Pik3ca}^{\text{tm1.1Waph/Pik3ca}^+}$.

No alerts have been found for $\text{Pik3ca}^{\text{tm1.1Waph/Pik3ca}^+}$.

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 [NIF](#) .

van Veen JE, et al. (2019) Mutationally-activated PI3'-kinase-?? promotes de-differentiation of lung tumors initiated by the BRAFV600E oncoprotein kinase. eLife, 8.