

Resource Summary Report

Generated by [T1D](#) on Sep 20, 2026

[Pik3ca^{tm1Bvan}/Pik3ca⁺](#)

RRID:MGI:3629699

Type: Organism

Proper Citation

RRID:MGI:3629699

Organism Information

URL:

Proper Citation: RRID:MGI:3629699

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

Species: Mus musculus

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

Phenotype: insulin resistance, decreased lean body mass, increased pancreatic beta cell number, postnatal growth retardation, decreased body length, decreased skeletal muscle mass, increased circulating leptin level, increased fat cell size, polyphagia, impaired glucose tolerance, increased circulating insulin level, fetal growth retardation, decreased body weight

Affected Gene: Pik3ca

Genomic Alteration: tm1Bvan

Catalog Number: 3629699

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:16625210](#)

Organism Name: Pik3ca^{tm1Bvan}/Pik3ca⁺

Record Creation Time: 20240120T190553+0000

Record Last Update: 20240130T202046+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Pik3ca}^{\text{tm1Bvan}}/\text{Pik3ca}^+$.

No alerts have been found for $\text{Pik3ca}^{\text{tm1Bvan}}/\text{Pik3ca}^+$.

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.