

# Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

## [Pik3ca<sup>tm1Bvan</sup>/Pik3ca<sup>+</sup>](#)

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<sup>tm1Bvan</sup>/Pik3ca<sup>+</sup>

**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.