

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

## [Pitx3<sup>ak</sup>/Pitx3<sup>ak</sup>](#)

RRID:MGI:3042029

Type: Organism

### Proper Citation

RRID:MGI:3042029

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3042029

**Description:** Allele Detail: Spontaneous This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Spontaneous This is a legacy resource.

**Phenotype:** abnormal midbrain morphology, abnormal ocular fundus morphology, abnormal retina morphology, reduced fertility, abnormal midbrain morphology, abnormal eye distance/ position, enlarged lacrimal gland, microphthalmia, abnormal lens development, acoria, abnormal iris pigmentation, decreased substantia nigra size, abnormal anterior eye segment morphology, decreased body size, hypoactivity, abnormal posterior eye segment morphology

**Affected Gene:** Pitx3

**Genomic Alteration:** ak

**Catalog Number:** 3042029

**Background:** either: (involves: 129/Sv \* C57BLKS) or (involves: 129/Sv \* C57BL/6)

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:4970465](#), [PMID:12702666](#), [PMID:12655058](#)

**Organism Name:** Pitx3<sup>ak</sup>/Pitx3<sup>ak</sup>

**Record Creation Time:** 20240120T190702+0000

**Record Last Update:** 20240130T202041+0000

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## Ratings and Alerts

No rating or validation information has been found for Pitx3<sup>ak</sup>/Pitx3<sup>ak</sup>.

No alerts have been found for Pitx3<sup>ak</sup>/Pitx3<sup>ak</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.