

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

[Pitx3^{ak}/Pitx3^{ak}](#)

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^{ak}/Pitx3^{ak}

Record Creation Time: 20240120T190702+0000

Record Last Update: 20240130T202041+0000

Ratings and Alerts

No rating or validation information has been found for Pitx3^{ak}/Pitx3^{ak}.

No alerts have been found for Pitx3^{ak}/Pitx3^{ak}.

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.