

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

[Pitx3^{tm1.1\(KOMP\)Vlcg}/Pitx3^{tm1.1\(KOMP\)Vlcg}](#)

RRID:MGI:5631413

Type: Organism

Proper Citation

RRID:MGI:5631413

Organism Information

URL:

Proper Citation: RRID:MGI:5631413

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

Species: Mus musculus

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

Phenotype: decreased bone mineral content, decreased exploration in new environment, anophthalmia, increased grip strength, increased coping response, decreased total body fat amount, abnormal behavioral response to light, increased fasting circulating glucose level, abnormal sleep behavior, shortened ST segment, decreased lean body mass, increased heart rate, abnormal bone structure

Affected Gene: Pitx3

Genomic Alteration: tm1.1(KOMP)Vlcg

Catalog Number: 5631413

Background: C57BL/6N-Pitx3/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: Pitx3^{tm1.1(KOMP)Vlcg}/Pitx3^{tm1.1(KOMP)Vlcg}

Record Creation Time: 20240120T190030+0000

Record Last Update: 20240130T201656+0000

Ratings and Alerts

No rating or validation information has been found for Pitx3^{tm1.1(KOMP)Vlcg}/Pitx3^{tm1.1(KOMP)Vlcg}.

No alerts have been found for Pitx3^{tm1.1(KOMP)Vlcg}/Pitx3^{tm1.1(KOMP)Vlcg}.

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.