

Resource Summary Report

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

C57BL/6N-Pitx3tm1.1(KOMP)Vlclg/JMmucd

RRID:MMRRC_049085-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049085-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49085

Proper Citation: RRID:MMRRC_049085-UCD

Description: Mus musculus with name C57BL/6N-Pitx3tm1.1(KOMP)Vlclg/JMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: deletion ; Collection: KOMP

Phenotype: anophthalmia [MP:0001293]| decreased exploration in new environment [MP:0001417]| increased heart rate [MP:0002626]| increased coping response [MP:0003063]| abnormal bone structure [MP:0003795]| decreased lean body mass [MP:0003961]| decreased total body fat amount [MP:0010025]| increased grip strength [MP:0010052]| decreased bone mineral content [MP:0010124]| shortened ST segment [MP:0010571]| abnormal behavioral response to light [MP:0011275]| abnormal sleep behavior [MP:0011396]

Affected Gene: Pitx3

Catalog Number: 049085-UCD

Background: deletion

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12730667](#)

Alternate IDs: MMRRC_49085-UCD, MMRRC_049085, MMRRC_4985

Organism Name: C57BL/6N-Pitx3tm1.1(KOMP)Vlclg/JMmucd

Record Creation Time: 20230308T055302+0000

Record Last Update: 20260808T124421+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Pitx3*^{tm1.1(KOMP)}*Vlcg*/JMmucd.

No alerts have been found for C57BL/6N-*Pitx3*^{tm1.1(KOMP)}*Vlcg*/JMmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.