

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[Kat6a^{tm1Avo}/Kat6a^{tm1Avo}](#)

RRID:MGI:3629227

Type: Organism

Proper Citation

RRID:MGI:3629227

Organism Information

URL:

Proper Citation: RRID:MGI:3629227

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

Species: Mus musculus

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

Phenotype: abnormal pulmonary trunk morphology, abnormal aortic arch morphology, abnormal fourth pharyngeal arch artery morphology, abnormal heart morphology, abnormal hematopoietic stem cell morphology, abnormal vertebrae morphology, athymia, atrial septal defect, atrioventricular septal defect, cleft palate, common ventricle, neonatal lethality, complete penetrance, interrupted aortic arch, type b, micrognathia, overriding aortic valve, retroesophageal right subclavian artery, small thymus, ventricular septal defect, abnormal aortic arch morphology, abnormal craniofacial morphology, cleft palate, cyanosis, perinatal lethality, complete penetrance, abnormal erythropoiesis, increased nucleated erythrocyte cell number, abnormal thymus development, absent spleen, hemorrhage, small thymus, decreased hematopoietic stem cell number, thymus hypoplasia, decreased bone marrow cell number, decreased double-negative T cell number

Affected Gene: Kat6a

Genomic Alteration: tm1Avo

Catalog Number: 3629227

Background: involves: 129/Sv * BALB/c * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22921202](#), [PMID:16651658](#)

Organism Name: Kat6a^{tm1Avo}/Kat6a^{tm1Avo}

Record Creation Time: 20240120T190554+0000

Record Last Update: 20240130T202001+0000

Ratings and Alerts

No rating or validation information has been found for Kat6a^{tm1Avo}/Kat6a^{tm1Avo}.

No alerts have been found for Kat6a^{tm1Avo}/Kat6a^{tm1Avo}.

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.