

# Resource Summary Report

Generated by [T1D](#) on Sep 17, 2026

## [Kat6a<sup>tm1Avo</sup>/Kat6a<sup>tm1Avo</sup>](#)

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<sup>tm1Avo</sup>/Kat6a<sup>tm1Avo</sup>

**Record Creation Time:** 20240120T190554+0000

**Record Last Update:** 20240130T202001+0000

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## Ratings and Alerts

No rating or validation information has been found for Kat6a<sup>tm1Avo</sup>/Kat6a<sup>tm1Avo</sup>.

No alerts have been found for Kat6a<sup>tm1Avo</sup>/Kat6a<sup>tm1Avo</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.