

# Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

## [Kat7<sup>tm1.2Avo</sup>](#)/[Kat7<sup>tm1.2Avo</sup>](#)

RRID:MGI:4947715

Type: Organism

### Proper Citation

RRID:MGI:4947715

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4947715

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

**Species:** Mus musculus

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

**Phenotype:** disorganized yolk sac vascular plexus, abnormal blood vessel morphology, embryonic growth arrest, failure of chorioallantoic fusion, embryonic growth retardation, embryonic lethality during organogenesis, complete penetrance, incomplete embryo turning, abnormal somite development, cellular phenotype, abnormal vitelline vascular remodeling, absent heartbeat, increased embryonic tissue cell apoptosis, abnormal first pharyngeal arch artery morphology, dilated dorsal aorta, abnormal cardiovascular development

**Affected Gene:** Kat7

**Genomic Alteration:** tm1.2Avo

**Catalog Number:** 4947715

**Background:** involves: C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:21149574](#)

**Organism Name:** Kat7<sup>tm1.2Avo</sup>/Kat7<sup>tm1.2Avo</sup>

**Record Creation Time:** 20240120T190226+0000

**Record Last Update:** 20240130T201804+0000

---

## Ratings and Alerts

No rating or validation information has been found for Kat7<sup>tm1.2Avo</sup>/Kat7<sup>tm1.2Avo</sup>.

No alerts have been found for Kat7<sup>tm1.2Avo</sup>/Kat7<sup>tm1.2Avo</sup>.

---

## 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.