

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

[Kat7^{tm1.2Avo}](#)/[Kat7^{tm1.2Avo}](#)

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^{tm1.2Avo}/Kat7^{tm1.2Avo}

Record Creation Time: 20240120T190226+0000

Record Last Update: 20240130T201804+0000

Ratings and Alerts

No rating or validation information has been found for Kat7^{tm1.2Avo}/Kat7^{tm1.2Avo}.

No alerts have been found for Kat7^{tm1.2Avo}/Kat7^{tm1.2Avo}.

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.