

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

[Adam17^{tm1Imx}](#)/[Adam17^{tm1Imx}](#)

RRID:MGI:2174923

Type: Organism

Proper Citation

RRID:MGI:2174923

Organism Information

URL:

Proper Citation: RRID:MGI:2174923

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

Species: Mus musculus

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

Phenotype: abnormal bronchiole epithelium morphology, abnormal trophoblast layer morphology, perinatal lethality, incomplete penetrance, decreased spongiotrophoblast size, abnormal hair follicle morphology, abnormal eye morphology, increased incidence of corneal inflammation, curly vibrissae, eyelids open at birth, abnormal embryonic tissue morphology, increased heart weight, abnormal trabecula carnea morphology, abnormal coat/hair pigmentation, ventricular septal defect, thick aortic valve, failure of eyelid fusion, abnormal conjunctival sac morphology, enlarged myocardial fiber, abnormal cornea morphology, short vibrissae, abnormal fetal cardiomyocyte proliferation, enlarged heart, thick ventricular wall, decreased body size, premature death, abnormal hair follicle orientation, abnormal small intestine morphology

Affected Gene: Adam17

Genomic Alteration: tm1Imx

Catalog Number: 2174923

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9812885](#), [PMID:15936750](#), [PMID:14499647](#)

Organism Name: Adam17^{tm1Imx}/Adam17^{tm1Imx}

Record Creation Time: 20240120T190800+0000

Record Last Update: 20240130T202113+0000

Ratings and Alerts

No rating or validation information has been found for Adam17^{tm1Imx}/Adam17^{tm1Imx}.

No alerts have been found for Adam17^{tm1Imx}/Adam17^{tm1Imx}.

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.