

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

[Afdn^{tm1Ytk}/Afdn^{tm1Ytk}](#)

RRID:MGI:3639321

Type: Organism

Proper Citation

RRID:MGI:3639321

Organism Information

URL:

Proper Citation: RRID:MGI:3639321

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

Species: Mus musculus

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

Phenotype: abnormal amniotic cavity morphology, absent heart, abnormal extraembryonic coelom morphology, embryonic lethality during organogenesis, complete penetrance, abnormal ectoderm development, decreased embryo size, abnormal mesoderm development, abnormal somite development, abnormal neural tube morphology, absent allantois

Affected Gene: Afdn

Genomic Alteration: tm1Ytk

Catalog Number: 3639321

Background: involves: 129X1/SvJ * C57BL/6 * DBA/2

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10477764](#)

Organism Name: Afdn^{tm1Ytk}/Afdn^{tm1Ytk}

Record Creation Time: 20240120T190552+0000

Record Last Update: 20240130T202000+0000

Ratings and Alerts

No rating or validation information has been found for Afdn^{tm1Ytk}/Afdn^{tm1Ytk}.

No alerts have been found for Afdn^{tm1Ytk}/Afdn^{tm1Ytk}.

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.