

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

[Aph1a^{tm1.1Bdes}](#)/[Aph1a^{tm1.1Bdes}](#)

RRID:MGI:3531418

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3531418

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

Species: Mus musculus

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

Phenotype: abnormal mesoderm development, abnormal somite shape, decreased somite size, abnormal telencephalon development, decreased embryo size, abnormal vascular branching morphogenesis, abnormal sclerotome morphology, abnormal dermomyotome development, increased embryonic neuroepithelium apoptosis, abnormal somite development, abnormal rostral-caudal axis patterning, abnormal embryonic neuroepithelium morphology, distended pericardium, embryonic lethality during organogenesis, complete penetrance, abnormal vitelline vascular remodeling, kinked neural tube

Affected Gene: Aph1a

Genomic Alteration: tm1.1Bdes

Catalog Number: 3531418

Background: involves: 129P2/OlaHsd * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15665098](#)

Organism Name: Aph1a^{tm1.1Bdes}/Aph1a^{tm1.1Bdes}

Record Creation Time: 20240120T190637+0000

Record Last Update: 20240130T202026+0000

Ratings and Alerts

No rating or validation information has been found for Aph1a^{tm1.1Bdes}/Aph1a^{tm1.1Bdes}.

No alerts have been found for Aph1a^{tm1.1Bdes}/Aph1a^{tm1.1Bdes}.

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.