

Resource Summary Report

Generated by [dkNET](#) on Aug 4, 2026

[H2afx^{tm1Nus}/H2afx^{tm1Nus}](#)

RRID:MGI:3040396

Type: Organism

Proper Citation

RRID:MGI:3040396

Organism Information

URL:

Proper Citation: RRID:MGI:3040396

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

Species: Mus musculus

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

Phenotype: small seminiferous tubules, decreased cell proliferation, arrest of male meiosis, postnatal growth retardation, increased mortality induced by gamma-irradiation, small testis, decreased vascular endothelial cell proliferation, abnormal class switch recombination, abnormal physiological neovascularization, abnormal tumor vascularization, increased vascular endothelial cell apoptosis, decreased cell proliferation, decreased tumor growth/size, retinal neovascularization, abnormal class switch recombination, decreased T cell number, decreased B cell number, decreased IgG level

Affected Gene: H2afx

Genomic Alteration: tm1Nus

Catalog Number: 3040396

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11740565](#), [PMID:11934988](#), [PMID:19377486](#), [PMID:12810694](#), [PMID:23254285](#)

Organism Name: H2afx^{tm1Nus}/H2afx^{tm1Nus}

Record Creation Time: 20240120T190704+0000

Record Last Update: 20240130T202042+0000

Ratings and Alerts

No rating or validation information has been found for H2afx^{tm1Nus}/H2afx^{tm1Nus}.

No alerts have been found for H2afx^{tm1Nus}/H2afx^{tm1Nus}.

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.