

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Cdkn1a^{tm1Tyj}/Cdkn1a^{tm1Tyj}](#)

RRID:MGI:3706343

Type: Organism

Proper Citation

RRID:MGI:3706343

Organism Information

URL:

Proper Citation: RRID:MGI:3706343

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

Species: Mus musculus

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

Phenotype: increased B cell number, premature death, increased urinary system tumor incidence, increased skin tumor incidence, increased incidence of tumors by chemical induction, increased cellular sensitivity to gamma-irradiation, decreased incidence of tumors by ionizing radiation induction, decreased mortality induced by ionizing radiation, increased sebaceous gland adenoma incidence, glomerulonephritis, increased hemangiosarcoma incidence, increased B cell derived lymphoma incidence, abnormal self tolerance, enlarged spleen, glomerulonephritis, increased anti-double stranded DNA antibody level, increased urine protein level, increased Leydig cell tumor incidence, decreased sensitivity to skin irradiation, increased T cell derived lymphoma incidence, increased spleen weight, abnormal CD4-positive, alpha beta T cell morphology, enlarged lymph nodes, increased T cell proliferation, immune system phenotype, premature death, spleen hyperplasia, abnormal thymus physiology, enlarged cervical lymph nodes, increased anti-histone antibody level, increased anti-nuclear antigen antibody level, increased carcinoma incidence, increased memory T cell number, lymph node hyperplasia, increased IgG1 level, increased histiocytic sarcoma incidence, increased tumor incidence, kidney failure, increased lung carcinoma incidence

Affected Gene: Cdkn1a

Genomic Alteration: tm1Tyj

Catalog Number: 3706343

Background: involves: 129S2/SvPas * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11507077](#), [PMID:10655105](#), [PMID:12466968](#), [PMID:10514395](#)

Organism Name: Cdkn1a^{tm1Tyj}/Cdkn1a^{tm1Tyj}

Record Creation Time: 20240120T190526+0000

Record Last Update: 20240130T201945+0000

Ratings and Alerts

No rating or validation information has been found for Cdkn1a^{tm1Tyj}/Cdkn1a^{tm1Tyj}.

No alerts have been found for Cdkn1a^{tm1Tyj}/Cdkn1a^{tm1Tyj}.

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.