

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

[Gadd45a^{tm1Ajf}/Gadd45a^{tm1Ajf}; Cdkn1a^{tm1Led}/Cdkn1a^{tm1Led}](#)

RRID:MGI:3618363

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3618363

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

Species: Mus musculus

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

Phenotype: increased T cell proliferation, increased IgM level, increased IgG1 level, glomerulonephritis, increased urine protein level, increased kidney cell proliferation, dilated proximal convoluted tubules, premature death, increased inflammatory response, increased autoantibody level, increased anti-double stranded DNA antibody level, increased anti-single stranded DNA antibody level, increased fibroblast proliferation, abnormal chromosome number, decreased lymphocyte cell number, decreased eosinophil cell number, decreased basophil cell number, decreased leukocyte cell number, mesangial cell hyperplasia, abnormal lymphopoiesis, abnormal glomerular capillary endothelium morphology, abnormal T cell activation, mesangial cell interposition, increased anti-histone antibody level

Affected Gene: Cdkn1a, Gadd45a

Genomic Alteration: tm1Led, tm1Ajf

Catalog Number: 3618363

Background: either: (involves: 129P2/OlaHsd * 129S6/SvEvTac * C57BL/6) or (involves: 129S6/SvEvTac * 129X1/SvJ * C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10508513](#), [PMID:11970874](#)

Organism Name: Gadd45a^{tm1Ajf}/Gadd45a^{tm1Ajf}; Cdkn1a^{tm1Led}/Cdkn1a^{tm1Led}

Record Creation Time: 20240120T190605+0000

Record Last Update: 20240130T202008+0000

Ratings and Alerts

No rating or validation information has been found for Gadd45a^{tm1Ajf}/Gadd45a^{tm1Ajf}; Cdkn1a^{tm1Led}/Cdkn1a^{tm1Led}.

No alerts have been found for Gadd45a^{tm1Ajf}/Gadd45a^{tm1Ajf}; Cdkn1a^{tm1Led}/Cdkn1a^{tm1Led}.

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.