

# Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

[Gadd45a<sup>tm1Ajf</sup>/Gadd45a<sup>tm1Ajf</sup>; Cdkn1a<sup>tm1Led</sup>/Cdkn1a<sup>tm1Led</sup>](#)

RRID:MGI:3618363

Type: Organism

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## Proper Citation

RRID:MGI:3618363

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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<sup>tm1Ajf</sup>/Gadd45a<sup>tm1Ajf</sup>; Cdkn1a<sup>tm1Led</sup>/Cdkn1a<sup>tm1Led</sup>

**Record Creation Time:** 20240120T190605+0000

**Record Last Update:** 20240130T202008+0000

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## Ratings and Alerts

No rating or validation information has been found for Gadd45a<sup>tm1Ajf</sup>/Gadd45a<sup>tm1Ajf</sup>; Cdkn1a<sup>tm1Led</sup>/Cdkn1a<sup>tm1Led</sup>.

No alerts have been found for Gadd45a<sup>tm1Ajf</sup>/Gadd45a<sup>tm1Ajf</sup>; Cdkn1a<sup>tm1Led</sup>/Cdkn1a<sup>tm1Led</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.