

# Resource Summary Report

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

## B6;129S4-*Atm*<sup>*tm1Fwa*</sup>/Mmucd

RRID:MMRRC\_014115-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_014115-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=14115](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=14115)

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**Description:** Mus musculus with name B6;129S4-*Atm*<sup>*tm1Fwa*</sup>/Mmucd from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cancer, Immunology and Inflammation, Models for Human Disease, Neurobiology, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** decreased thymocyte number [MP:0000715]| abnormal Purkinje cell morphology [MP:0000877]| ectopic Purkinje cell [MP:0000885]| thin cerebellar molecular layer [MP:0000890]| decreased body weight [MP:0001262]| hypoactivity [MP:0001402]| postnatal growth retardation [MP:0001732]| male infertility [MP:0001925]| female infertility [MP:0001926]| increased cellular sensitivity to gamma-irradiation [MP:0002007]| increased T cell derived lymphoma incidence [MP:0002024]| premature death [MP:0002083]| abnormal pluripotent precursor cell morphology [MP:0002399]| abnormal motor learning [MP:0002804]| embryonic growth retardation [MP:0003984]| spontaneous chromosome breakage [MP:0004029]| abnormal class switch recombination [MP:0004816]| decreased lymphocyte cell number [MP:0005016]| decreased T cell number [MP:0005018]| decreased pre-B cell number [MP:0008209]| decreased immature B cell number [MP:0008215]| abnormal Purkinje cell dendrite morphology [MP:0008572]| chromosomal instability [MP:0008866]| decreased splenocyte number [MP:0009339]| embryonic lethality during organogenesis [MP:0011098]| complete penetrance [MP:0011106]| embryonic lethality between implantation and somite formation [MP:0012556]

**Affected Gene:** *Atm*

**Catalog Number:** 014115-UCD

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Source References:** [PMID:10716718](#)

**Alternate IDs:** MMRRC\_14115-UCD, MMRRC\_014115, MMRRC\_14115

**Organism Name:** B6;129S4-*Atm*<sup>tm1Fwa</sup>/Mmucd

**Record Creation Time:** 20230308T054926+0000

**Record Last Update:** 20260801T123640+0000

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## Ratings and Alerts

No rating or validation information has been found for B6;129S4-*Atm*<sup>tm1Fwa</sup>/Mmucd.

No alerts have been found for B6;129S4-*Atm*<sup>tm1Fwa</sup>/Mmucd.

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## Data and Source Information

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

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.