

# Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

## B6J.129S7(Cg)-Kat2a<sup>tm3.1Roth</sup>/Mmnc

RRID:MMRRC\_068117-UNC

Type: Organism

### Proper Citation

RRID:MMRRC\_068117-UNC

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=68117](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=68117)

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**Description:** Mus musculus with name B6J.129S7(Cg)-Kat2a<sup>tm3.1Roth</sup>/Mmnc from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cancer, Developmental Biology; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** abnormal cerebellum vermis morphology [MP:0000864]| Purkinje cell degeneration [MP:0000876]| abnormal Purkinje cell morphology [MP:0000877]| decreased Purkinje cell number [MP:0000880]| exencephaly [MP:0000914]| ataxia [MP:0001393]| abnormal gait [MP:0001406]| limb grasping [MP:0001513]| abnormal embryo development [MP:0001672]| abnormal breathing pattern [MP:0001951]| premature death [MP:0002083]| abnormal embryonic growth/weight/body size [MP:0002088]| retinal photoreceptor degeneration [MP:0008450]| thin retinal inner nuclear layer [MP:0008511]| thin retinal outer nuclear layer [MP:0008515]| retinal outer nuclear layer degeneration [MP:0008518]| photoreceptor inner segment degeneration [MP:0008580]| photoreceptor outer segment degeneration [MP:0008584]| embryonic lethality during organogenesis [MP:0011098]

**Affected Gene:** Kat2a

**Catalog Number:** 068117-UNC

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:17440986](#), [PMID:18330926](#)

**Alternate IDs:** MMRRC\_68117-UNC, MMRRC\_068117, MMRRC\_68117

**Organism Name:** B6J.129S7(Cg)-*Kat2a*<sup>tm3.1Roth</sup>/Mmnc

**Record Creation Time:** 20230308T055515+0000

**Record Last Update:** 20260801T125425+0000

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## Ratings and Alerts

No rating or validation information has been found for B6J.129S7(Cg)-*Kat2a*<sup>tm3.1Roth</sup>/Mmnc.

No alerts have been found for B6J.129S7(Cg)-*Kat2a*<sup>tm3.1Roth</sup>/Mmnc.

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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.