

# Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

## B6.Cg-Cdkn2a<sup>tm3.1Nesh</sup> Tyr<sup>c-2J</sup>/Mmnc

RRID:MMRRC\_043537-UNC

Type: Organism

### Proper Citation

RRID:MMRRC\_043537-UNC

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=43537](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43537)

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**Description:** Mus musculus with name B6.Cg-Cdkn2a<sup>tm3.1Nesh</sup> Tyr<sup>c-2J</sup>/Mmnc from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cancer, Cell Biology, Dermatology, Hematology, Immunology and Inflammation, Models for Human Disease, Research Tools; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** absent hair follicle melanin granules [MP:0000394]| abnormal retinal photoreceptor morphology [MP:0001004]| absent skin pigmentation [MP:0001189]| abnormal keratinocyte apoptosis [MP:0001224]| abnormal retina morphology [MP:0001325]| retinal degeneration [MP:0001326]| decreased retinal photoreceptor cell number [MP:0001327]| abnormal vision [MP:0002090]| no abnormal phenotype detected [MP:0002169]| decreased susceptibility to bacterial infection [MP:0002411]| abnormal iridocorneal angle [MP:0004221]| iris synechia [MP:0004222]| absent Schlemm's canal [MP:0004226]| increased cellular sensitivity to ionizing radiation [MP:0004227]| abnormal melanosome morphology [MP:0005075]| absent coat pigmentation [MP:0005171]| abnormal aqueous drainage system morphology [MP:0005198]| abnormal trabecular meshwork morphology [MP:0005203]| abnormal retinal ganglion layer morphology [MP:0005241]| abnormal eye physiology [MP:0005253]| abnormal intraocular pressure [MP:0005257]| ocular albinism [MP:0006159]| decreased circulating interferon-alpha level [MP:0008574]| decreased circulating interferon-beta level [MP:0008576]| abnormal vitamin A metabolism [MP:0011233]| anterior iris synechia [MP:0011481]| decreased a wave amplitude [MP:0012143]| decreased b wave amplitude [MP:0012144]

**Catalog Number:** 043537-UNC

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Alternate IDs:** MMRRC\_43537-UNC, MMRRC\_043537, MMRRC\_43537

**Organism Name:** B6.Cg-*Cdkn2a*<sup>tm3.1Nesh</sup> *Tyr*<sup>c-2J</sup>/Mmnc

**Record Creation Time:** 20230308T055233+0000

**Record Last Update:** 20260801T124600+0000

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## Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Cdkn2a*<sup>tm3.1Nesh</sup> *Tyr*<sup>c-2J</sup>/Mmnc.

No alerts have been found for B6.Cg-*Cdkn2a*<sup>tm3.1Nesh</sup> *Tyr*<sup>c-2J</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.