

Resource Summary Report

Generated by [dkNET](#) on Sep 17, 2026

B6;129S4-Cdkn2a^{tm2.1Nesh}/Mmnc

RRID:MMRRC_043540-UNC

Type: Organism

Proper Citation

RRID:MMRRC_043540-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43540

Proper Citation: RRID:MMRRC_043540-UNC

Description: Mus musculus with name B6;129S4-Cdkn2a^{tm2.1Nesh}/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: other ; Collection:

Phenotype: hyperpigmentation [MP:0001188]| increased metastatic potential [MP:0001272]| premature death [MP:0002083]| abnormal melanocyte morphology [MP:0002877]| increased tumor growth/size [MP:0003721]| increased melanoma incidence [MP:0010275]| increased cutaneous melanoma incidence [MP:0010322]| increased spindle cell carcinoma incidence [MP:0010367]| abnormal melanocyte proliferation [MP:0010741]

Affected Gene: Cdkn2a

Catalog Number: 043540-UNC

Background: other

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20697345](#)

Alternate IDs: MMRRC_43540-UNC, MMRRC_043540, MMRRC_4354

Organism Name: B6;129S4-Cdkn2a^{tm2.1Nesh}/Mmnc

Record Creation Time: 20230308T055233+0000

Record Last Update: 20260912T135032+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-*Cdkn2a*^{tm2.1Nesh}/Mmnc.

No alerts have been found for B6;129S4-*Cdkn2a*^{tm2.1Nesh}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Chiche A, et al. (2026) Induction of senescence during postpartum mammary gland involution supports tissue remodeling and promotes postpartum tumorigenesis. *Nature aging*, 6(3), 541.

Kyi P, et al. (2022) Endothelial senescence mediates hypoxia-induced vascular remodeling by modulating PDGFB expression. *Frontiers in medicine*, 9, 908639.