

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

[B6.129-Cdkn2a^{tm1Rdp}/Nci](#)

RRID:IMSR_NCIMR:01XB1

Type: Organism

Proper Citation

RRID:IMSR_NCIMR:01XB1

Organism Information

URL:

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Description: Mus musculus with name B6.129-Cdkn2a^{tm1Rdp}/Nci from IMSR.

Species: Mus musculus

Notes: gene symbol note: cyclin dependent kinase inhibitor 2A; congenic strain: Cdkn2a

Affected Gene: cyclin dependent kinase inhibitor 2A

Genomic Alteration: targeted mutation 1; Ronald DePinho

Catalog Number: NCIMR:01XB1

Database: National Cancer Institute at Frederick

Database Abbreviation: NCIMR

Availability: embryo

Organism Name: B6.129-Cdkn2a^{tm1Rdp}/Nci

Record Creation Time: 20250513T061850+0000

Record Last Update: 20260725T052558+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Cdkn2a^{tm1Rdp}/Nci.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human dysplastic nevus syndrome.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: National Cancer Institute at Frederick

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Chaney KE, et al. (2020) Cdkn2a Loss in a Model of Neurofibroma Demonstrates Stepwise Tumor Progression to Atypical Neurofibroma and MPNST. Cancer research, 80(21), 4720.

Griveau A, et al. (2018) A Glial Signature and Wnt7 Signaling Regulate Glioma-Vascular Interactions and Tumor Microenvironment. Cancer cell, 33(5), 874.

Patel AV, et al. (2016) An ShRNA Screen Identifies MEIS1 as a Driver of Malignant Peripheral Nerve Sheath Tumors. EBioMedicine, 9, 110.

Deng X, et al. (2014) Mirk kinase inhibition blocks the in vivo growth of pancreatic cancer cells. Genes & cancer, 5(9-10), 337.