

# Resource Summary Report

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

## B6;129P2-Cdkn2d<sup>tm1Maro</sup>/Mmmh

RRID:MMRRC\_029899-MU

Type: Organism

### Proper Citation

RRID:MMRRC\_029899-MU

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=29899](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=29899)

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**Description:** Mus musculus with name B6;129P2-Cdkn2d<sup>tm1Maro</sup>/Mmmh from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Models for Human Disease, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** increased cell proliferation [MP:0000351]| tremors [MP:0000745]| paresis [MP:0000754]| Leydig cell hyperplasia [MP:0001152]| seminiferous tubule degeneration [MP:0001154]| abnormal spermatogenesis [MP:0001156]| increased body weight [MP:0001260]| weight loss [MP:0001263]| decreased body size [MP:0001265]| dehydration [MP:0001429]| limb grasping [MP:0001513]| impaired righting response [MP:0001523]| abnormal apoptosis [MP:0001648]| increased circulating follicle stimulating hormone level [MP:0001750]| male infertility [MP:0001925]| respiratory distress [MP:0001954]| photosensitivity [MP:0001999]| increased pituitary adenoma incidence [MP:0002041]| increased pheochromocytoma incidence [MP:0002050]| seizures [MP:0002064]| abnormal germ cell morphology [MP:0002208]| decreased germ cell number [MP:0002209]| asthenozoospermia [MP:0002675]| oligozoospermia [MP:0002687]| decreased circulating testosterone level [MP:0002780]| abnormal neuron morphology [MP:0002882]| increased neuron apoptosis [MP:0003203]| testicular atrophy [MP:0003205]| polyploidy [MP:0004025]| abnormal mitosis [MP:0004046]| muscle hypertonia [MP:0004143]| cochlear hair cell degeneration [MP:0004362]| abnormal cochlear inner hair cell morphology [MP:0004393]| decreased cochlear inner hair cell number [MP:0004396]| cochlear inner hair cell degeneration [MP:0004398]| decreased cochlear outer hair cell number [MP:0004402]| cochlear outer hair cell degeneration [MP:0004404]| increased cochlear hair cell number [MP:0004407]| decreased cochlear hair cell number [MP:0004408]| abnormal cochlear hair cell physiology [MP:0004432]| absent distortion product otoacoustic emissions [MP:0004737]| sensorineural hearing loss

[MP:0004740]| nonsyndromic hearing loss [MP:0004749]| increased mitotic index [MP:0004760]| abnormal behavior [MP:0004924]| cachexia [MP:0005150]| bradykinesia [MP:0005156]| abnormal male meiosis [MP:0005169]| abnormal male germ cell apoptosis [MP:0008280]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011967]| increased or absent threshold for auditory brainstem response [MP:0013602]

**Affected Gene:** Cdkn2d

**Catalog Number:** 029899-MU

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:10594039](#), [PMID:12717441](#), [PMID:11287627](#)

**Alternate IDs:** MMRRC\_29899-MU, MMRRC\_029899, MMRRC\_29899

**Organism Name:** B6;129P2-*Cdkn2d*<sup>tm1Maro</sup>/Mmmh

**Record Creation Time:** 20230308T055117+0000

**Record Last Update:** 20260801T124209+0000

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## Ratings and Alerts

No rating or validation information has been found for B6;129P2-*Cdkn2d*<sup>tm1Maro</sup>/Mmmh.

No alerts have been found for B6;129P2-*Cdkn2d*<sup>tm1Maro</sup>/Mmmh.

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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.