

Resource Summary Report

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

B6.129P2(Cg)-*Spry2*^{tm1.1Mrt}/Mmnc

RRID:MMRRC_011470-UNC

Type: Organism

Proper Citation

RRID:MMRRC_011470-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11470

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Description: Mus musculus with name B6.129P2(Cg)-*Spry2*^{tm1.1Mrt}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Cell Biology, Developmental Biology, Internal/Organ, Research Tools, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal organ of Corti morphology [MP:0000042]| abnormal tooth development [MP:0000116]| prostate gland epithelial hyperplasia [MP:0001167]| decreased body size [MP:0001265]| abnormal digestive system physiology [MP:0001663]| abnormal pillar cell morphology [MP:0003825]| supernumerary teeth [MP:0004033]| abnormal organ of Corti supporting cell morphology [MP:0004300]| increased cochlear outer hair cell number [MP:0004401]| abnormal Claudius cell morphology [MP:0004430]| increased Deiters cell number [MP:0004840]| increased prostate intraepithelial neoplasia incidence [MP:0009219]| abnormal palatal rugae morphology [MP:0009652]| cleft secondary palate [MP:0009890]| increased prostate gland tumor incidence [MP:0010357]| impaired branching involved in bronchus morphogenesis [MP:0011028]| postnatal lethality [MP:0011086]| incomplete penetrance [MP:0011966]| abnormal auditory brainstem response waveform shape [MP:0011967]| increased or absent threshold for auditory brainstem response [MP:0030457]| abnormal molar cusp morphology [MP:0030536]

Affected Gene: *Spry2*

Catalog Number: 011470-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRRC

Source References: [PMID:15809037](#)

Alternate IDs: MMRRRC_11470-UNC, MMRRRC_011470, MMRRRC_1147

Organism Name: B6.129P2(Cg)-*Spry2*^{tm1.1Mrt}/Mmnc

Record Creation Time: 20230308T054911+0000

Record Last Update: 20260801T123555+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2(Cg)-*Spry2*^{tm1.1Mrt}/Mmnc.

No alerts have been found for B6.129P2(Cg)-*Spry2*^{tm1.1Mrt}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Jamsuwan S, et al. (2019) Simultaneous Knockdown of Sprouty2 and PTEN Promotes Axon Elongation of Adult Sensory Neurons. *Frontiers in cellular neuroscience*, 13, 583.