

Resource Summary Report

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B6.129X1-D/x2^{tm1Jlr}/Mmucd

RRID:MMRRC_015870-UCD

Type: Organism

Proper Citation

RRID:MMRRC_015870-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=15870

Proper Citation: RRID:MMRRC_015870-UCD

Description: Mus musculus with name B6.129X1-D/x2^{tm1Jlr}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal basisphenoid bone morphology [MP:0000106] absent maxillary shelf [MP:0000430] absent palatine bone horizontal plate [MP:0000431] abnormal cranium morphology [MP:0000438] abnormal maxilla morphology [MP:0000455] abnormal mandible morphology [MP:0000458] abnormal skeletal muscle morphology [MP:0000759] abnormal mandibular nerve branching [MP:0001068] abnormal facial nerve morphology [MP:0001071] abnormal suckling behavior [MP:0001436] cyanosis [MP:0001575] respiratory distress [MP:0001954] neonatal lethality [MP:0002058] abnormal olfactory bulb development [MP:0002739] abnormal hyoid bone morphology [MP:0003056] absent tympanic ring [MP:0003138] abnormal alisphenoid bone morphology [MP:0003235] intestinal hypoperistalsis [MP:0003290] abnormal locomotor activation [MP:0003313] ectopic cartilage [MP:0003869] abnormal pterygoid bone morphology [MP:0004453] small pterygoid bone [MP:0004456] absent stapedial artery [MP:0004666] abnormal incus morphology [MP:0005106] abnormal stapes morphology [MP:0005107] abnormal palatine bone morphology [MP:0005249] abnormal zygomatic bone morphology [MP:0005270] abnormal temporal bone morphology [MP:0005272] decreased tympanic ring size [MP:0006020] meteorism [MP:0009247] absent palatal shelf [MP:0009882] cleft secondary palate [MP:0009890] abnormal hyoid bone lesser horn morphology [MP:0009914] abnormal hyoid bone body morphology [MP:0009917] neonatal lethality [MP:0011087] complete penetrance [MP:0030108] abnormal incudostapedial joint morphology [MP:0030127] small stapes [MP:0030395] absent incus short process [MP:0030406]

Affected Gene: Dlx2

Catalog Number: 015870-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:7590232](#)

Alternate IDs: MMRRC_15870-UCD, MMRRC_015870, MMRRC_1587

Organism Name: B6.129X1-Dlx2^{tm1Jlr}/Mmucd

Record Creation Time: 20230308T054938+0000

Record Last Update: 20260801T123727+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-Dlx2^{tm1Jlr}/Mmucd.

No alerts have been found for B6.129X1-Dlx2^{tm1Jlr}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wright CM, et al. (2020) Dlx1/2 mice have abnormal enteric nervous system function. JCI insight, 5(4).