

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

C3Fe.129-Sox10^{tm1Weg}/Mmnc

RRID:MMRRC_050522-UNC

Type: Organism

Proper Citation

RRID:MMRRC_050522-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50522

Proper Citation: RRID:MMRRC_050522-UNC

Description: Mus musculus with name C3Fe.129-Sox10^{tm1Weg}/Mmnc from MMRRC.

Species: Mus musculus

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

Phenotype: belly spot [MP:0000373] kinked tail [MP:0000585] abnormal olfactory bulb morphology [MP:0000819] open neural tube [MP:0000929] abnormal dorsal root ganglion morphology [MP:0000961] abnormal PNS glial cell morphology [MP:0001105] absent Schwann cells [MP:0001108] decreased body size [MP:0001265] unresponsive to tactile stimuli [MP:0001491] cyanosis [MP:0001575] respiratory failure [MP:0001953] belted [MP:0002671] megacolon [MP:0002731] abnormal axon guidance [MP:0002961] abnormal glial cell morphology [MP:0003634] abnormal limb posture [MP:0004263] absent coat pigmentation [MP:0005171] abnormal axon morphology [MP:0005404] hypopigmentation [MP:0005408] brain vacuoles [MP:0008025] abnormal oligodendrocyte physiology [MP:0008917] abnormal axon fasciculation [MP:0009450] abnormal melanoblast morphology [MP:0009783] abnormal neural crest morphology [MP:0009846] postnatal lethality [MP:0011085] complete penetrance [MP:0011086] postnatal lethality [MP:0011090] incomplete penetrance [MP:0011100] perinatal lethality [MP:0011108] incomplete penetrance [MP:0011109] preweaning lethality [MP:0011110] complete penetrance [MP:0011266] embryonic lethality during organogenesis [MP:0011805] incomplete penetrance [MP:0012023]

Affected Gene: Sox10

Catalog Number: 050522-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:11156606](#)

Alternate IDs: MMRRC_50522-UNC, MMRRC_050522, MMRRC_5522

Organism Name: C3Fe.129-Sox10^{tm1Weg}/Mmnc

Record Creation Time: 20230308T055312+0000

Record Last Update: 20260801T124747+0000

Ratings and Alerts

No rating or validation information has been found for C3Fe.129-Sox10^{tm1Weg}/Mmnc.

No alerts have been found for C3Fe.129-Sox10^{tm1Weg}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.