

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

B6.129S2-Dcc^{tm1Wbg}/Mmmh

RRID:MMRRC_030626-MU

Type: Organism

Proper Citation

RRID:MMRRC_030626-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30626

Proper Citation: RRID:MMRRC_030626-MU

Description: Mus musculus with name B6.129S2-Dcc^{tm1Wbg}/Mmmh from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal optic nerve morphology [MP:0001330]| abnormal optic nerve innervation [MP:0001332]| ataxia [MP:0001393]| abnormal suckling behavior [MP:0001436]| respiratory distress [MP:0001954]| absent corpus callosum [MP:0002196]| increased intestinal adenoma incidence [MP:0002404]| abnormal corticospinal tract morphology [MP:0002878]| abnormal axon guidance [MP:0002961]| abnormal retinal pigmentation [MP:0005103]| absent hippocampal commissure [MP:0008223]| abnormal spinal cord dorsal column morphology [MP:0009677]| abnormal pyramidal decussation morphology [MP:0009681]| neonatal lethality [MP:0011087]| complete penetrance [MP:0011723]| ectopic neuron [MP:0020560]

Affected Gene: Dcc

Catalog Number: 030626-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9126737](#)

Alternate IDs: MMRRC_30626-MU, MMRRC_030626, MMRRC_3626

Organism Name: B6.129S2-*Dcc*^{tm1Wbg}/Mmmh

Record Creation Time: 20230308T055120+0000

Record Last Update: 20260829T123327+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-*Dcc*^{tm1Wbg}/Mmmh.

No alerts have been found for B6.129S2-*Dcc*^{tm1Wbg}/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Curran BM, et al. (2024) Multiple guidance mechanisms control axon growth to generate precise T-shaped bifurcation during dorsal funiculus development in the spinal cord. eLife, 13.

Liang DY, et al. (2014) The Netrin-1 receptor DCC is a regulator of maladaptive responses to chronic morphine administration. BMC genomics, 15(1), 345.