

Resource Summary Report

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

B6.129X1-*Robo3*^{*tm1Matl*}/Mmmh

RRID:MMRRC_030402-MU

Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30402

Proper Citation: RRID:MMRRC_030402-MU

Description: Mus musculus with name B6.129X1-*Robo3*^{*tm1Matl*}/Mmmh from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal pons morphology [MP:0000848]| abnormal floor plate morphology [MP:0000925]| cyanosis [MP:0001575]| abnormal breathing pattern [MP:0001951]| abnormal brain commissure morphology [MP:0002199]| abnormal axon guidance [MP:0002961]| abnormal spinal cord interneuron morphology [MP:0004100]| abnormal pre-Botzinger complex physiology [MP:0010746]| neonatal lethality [MP:0011087]| complete penetrance [MP:0011089]

Affected Gene: Robo3

Catalog Number: 030402-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:15084255](#)

Alternate IDs: MMRRC_30402-MU, MMRRC_030402, MMRRC_342

Organism Name: B6.129X1-*Robo3*^{*tm1Matl*}/Mmmh

Record Creation Time: 20230308T055119+0000

Record Last Update: 20260801T124211+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-*Robo3*^{tm1Matl}/Mmmh.

No alerts have been found for B6.129X1-*Robo3*^{tm1Matl}/Mmmh.

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.