

Resource Summary Report

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

B6.129X1-Robo1^{tm1Matl}/Mmmh

RRID:MMRRC_030403-MU

Type: Organism

Proper Citation

RRID:MMRRC_030403-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30403

Proper Citation: RRID:MMRRC_030403-MU

Description: Mus musculus with name B6.129X1-Robo1^{tm1Matl}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal foregut morphology [MP:0000474]| decreased corpus callosum size [MP:0000781]| cyanosis [MP:0001575]| respiratory failure [MP:0001953]| neonatal lethality [MP:0002058]| no abnormal phenotype detected [MP:0002169]| abnormal innervation [MP:0002184]| abnormal diaphragm morphology [MP:0002279]| abnormal axon guidance [MP:0002961]| diaphragmatic hernia [MP:0003924]| short trachea [MP:0004550]| abnormal dorsal aorta morphology [MP:0004787]| abnormal olfactory tract morphology [MP:0005237]| abnormal dorsal telencephalic commissure morphology [MP:0008219]| abnormal anterior commissure morphology [MP:0008225]| abnormal mammary gland duct morphology [MP:0009503]| absent gastric milk in neonates [MP:0009546]| abnormal spinal cord lateral column morphology [MP:0009678]| abnormal spinal cord ventral commissure morphology [MP:0009695]| increased mammary gland epithelial cell proliferation [MP:0010173]| abnormal stomach position or orientation [MP:0010807]| small esophagus [MP:0010880]| esophagus hypoplasia [MP:0010881]| neonatal lethality [MP:0011087]| complete penetrance [MP:0011805]

Affected Gene: Robo1

Catalog Number: 030403-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:15091338](#)

Alternate IDs: MMRRC_30403-MU, MMRRC_030403, MMRRC_343

Organism Name: B6.129X1-*Robo1*^{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-*Robo1*^{tm1Matl}/Mmmh.

No alerts have been found for B6.129X1-*Robo1*^{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.