

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[Robo2^{tm1Mrt}/Robo2^{tm1Mrt}](#); [Robo1^{tm1Matl}/Robo1^{tm1Matl}](#)

RRID:MGI:5470528

Type: Organism

Proper Citation

RRID:MGI:5470528

Organism Information

URL:

Proper Citation: RRID:MGI:5470528

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal foregut morphology, absent gastric milk in neonates, abnormal stomach position or orientation, abnormal diaphragm morphology, abnormal spinal cord ventral commissure morphology, abnormal dorsal aorta morphology, small esophagus, esophagus hypoplasia, abnormal olfactory tract morphology, abnormal axon guidance, decreased cell migration, short trachea, neonatal lethality, complete penetrance, cyanosis, respiratory failure

Affected Gene: Robo1, Robo2

Genomic Alteration: tm1Matl, tm1Mrt

Catalog Number: 5470528

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23328398](#), [PMID:17360927](#), [PMID:23217742](#)

Organism Name: Robo2^{tm1Mrt}/Robo2^{tm1Mrt}; Robo1^{tm1Matl}/Robo1^{tm1Matl}

Record Creation Time: 20240120T190124+0000

Record Last Update: 20240130T201727+0000

Ratings and Alerts

No rating or validation information has been found for Robo2^{tm1Mrt}/Robo2^{tm1Mrt}; Robo1^{tm1Matl}/Robo1^{tm1Matl}.

No alerts have been found for Robo2^{tm1Mrt}/Robo2^{tm1Mrt}; Robo1^{tm1Matl}/Robo1^{tm1Matl}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.