

Resource Summary Report

Generated by [T1D](#) on Sep 20, 2026

[Robo1^{tm1Matl}/Robo1^{tm1Matl}](#)

RRID:MGI:3043177

Type: Organism

Proper Citation

RRID:MGI:3043177

Organism Information

URL:

Proper Citation: RRID:MGI:3043177

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

Species: Mus musculus

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

Phenotype: abnormal axon guidance, abnormal spinal cord lateral column morphology

Affected Gene: Robo1

Genomic Alteration: tm1Matl

Catalog Number: 3043177

Background: involves: CD-1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15091338](#)

Organism Name: Robo1^{tm1Matl}/Robo1^{tm1Matl}

Record Creation Time: 20240120T190700+0000

Record Last Update: 20240130T202039+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Adams MT, et al. (2021) Reduced synchronicity of intra-islet Ca²⁺ oscillations in vivo in Robo-deficient ?? cells. eLife, 10.