

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

STOCK *Slit2*^{tm1Matl} *Slit1*^{tm1Matl}/Mmmh

RRID:MMRRC_030404-MU

Type: Organism

Proper Citation

RRID:MMRRC_030404-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30404

Proper Citation: RRID:MMRRC_030404-MU

Description: Mus musculus with name STOCK *Slit2*^{tm1Matl} *Slit1*^{tm1Matl}/Mmmh from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal foregut morphology [MP:0000474] abnormal kidney development [MP:0000527] abnormal ureter morphology [MP:0000534] hydroureter [MP:0000536] abnormal axon guidance [MP:0002961] abnormal cell adhesion [MP:0003566] abnormal embryonic/fetal subventricular zone morphology [MP:0004274] abnormal olfactory tract morphology [MP:0005237] abnormal ureteric bud morphology [MP:0006032] abnormal neurite morphology [MP:0008415] abnormal mammary gland duct morphology [MP:0009503] abnormal spinal cord lateral column morphology [MP:0009678] abnormal spinal cord ventral commissure morphology [MP:0009695] abnormal olfactory lobe morphology [MP:0009944] increased mammary gland epithelial cell proliferation [MP:0010173] perinatal lethality [MP:0011089] complete penetrance [MP:0011090] perinatal lethality [MP:0011334]

Affected Gene: |Slit2|Slit1

Catalog Number: 030404-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:11804570](#)

Alternate IDs: MMRRC_30404-MU, MMRRC_030404, MMRRC_344

Organism Name: STOCK *Slit2^{tm1Matl} Slit1^{tm1Matl}/Mmmh*

Record Creation Time: 20230308T055119+0000

Record Last Update: 20260815T124550+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Slit2^{tm1Matl} Slit1^{tm1Matl}/Mmmh*.

No alerts have been found for STOCK *Slit2^{tm1Matl} Slit1^{tm1Matl}/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.

Romanov RA, et al. (2020) Molecular design of hypothalamus development. Nature, 582(7811), 246.