

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

129S6.B6J-Notch1^{tm1Con}/Mmmh

RRID:MMRRC_046265-MU

Type: Organism

Proper Citation

RRID:MMRRC_046265-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=46265

Proper Citation: RRID:MMRRC_046265-MU

Description: Mus musculus with name 129S6.B6J-Notch1^{tm1Con}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Developmental Biology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal vascular development [MP:0000259]| distended pericardium [MP:0000292]| trabecula carnea hypoplasia [MP:0000295]| abnormal cell death [MP:0000313]| internal hemorrhage [MP:0001634]| abnormal somite development [MP:0001688]| decreased embryo size [MP:0001698]| embryonic growth arrest [MP:0001730]| disorganized myocardium [MP:0002190]| kinked neural tube [MP:0003400]| delayed somite formation [MP:0003794]| notochord degeneration [MP:0004712]| abnormal rostral-caudal axis patterning [MP:0005221]| abnormal somite size [MP:0005222]| abnormal left-right axis symmetry of the somites [MP:0005224]| abnormal myocardium layer morphology [MP:0005329]| embryonic lethality during organogenesis [MP:0011098]

Affected Gene: Notch1

Catalog Number: 046265-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:29093270](#)

Alternate IDs: MMRRC_46265-MU, MMRRC_046265, MMRRC_46265

Organism Name: 129S6.B6J-*Notch1*^{tm1Con}/Mmmh

Record Creation Time: 20230308T055241+0000

Record Last Update: 20260725T164345+0000

Ratings and Alerts

No rating or validation information has been found for 129S6.B6J-*Notch1*^{tm1Con}/Mmmh.

No alerts have been found for 129S6.B6J-*Notch1*^{tm1Con}/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Montonye DR, et al. (2018) Acclimation and Institutionalization of the Mouse Microbiota Following Transportation. *Frontiers in microbiology*, 9, 1085.