

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

C57BL/6N-Nxntm1b(EUCOMM)Wtsi/JMmucd

RRID:MMRRC_048882-UCD

Type: Organism

Proper Citation

RRID:MMRRC_048882-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=48882

Proper Citation: RRID:MMRRC_048882-UCD

Description: Mus musculus with name C57BL/6N-Nxntm1b(EUCOMM)Wtsi/JMmucd from MMRRC.

Species: Mus musculus

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

Phenotype: cleft palate [MP:0000111] abnormal rib morphology [MP:0000150] double outlet right ventricle [MP:0000284] abnormal craniofacial morphology [MP:0000428] abnormal cranium morphology [MP:0000438] abnormal snout morphology [MP:0000443] enlarged liver sinusoidal spaces [MP:0000602] abnormal eyelid morphology [MP:0001340] increased startle reflex [MP:0001488] abnormal embryo size [MP:0001697] mydriasis [MP:0002546] short tibia [MP:0002764] small adrenal glands [MP:0002768] abnormal thoracic vertebrae morphology [MP:0003047] decreased rib number [MP:0003345] abnormal facial morphology [MP:0003743] abnormal Mullerian duct morphology [MP:0003826] decreased lean body mass [MP:0003961] decreased lumbar vertebrae number [MP:0004647] absent stapedia artery [MP:0004666] decreased spleen weight [MP:0004953] craniofacial phenotype [MP:0005382] increased gamma-delta T cell number [MP:0008346] facial cleft [MP:0008797] decreased bone mineral content [MP:0010124] perimembraneous ventricular septal defect [MP:0010418] herniated liver [MP:0010912] preweaning lethality [MP:0011100] complete penetrance [MP:0011495] abnormal head shape [MP:0011496] abnormal head size [MP:0011967] increased or absent threshold for auditory brainstem response [MP:0011968] decreased threshold for auditory brainstem response [MP:0012765] decreased alpha-beta T cell number [MP:0013916] decreased intestine length [MP:0013986]

Affected Gene: Nxn

Catalog Number: 048882-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_48882-UCD, MMRRC_048882, MMRRC_48882

Organism Name: C57BL/6N-*Nxntm1b*(EUCOMM)*Wtsi*/JMmucd

Record Creation Time: 20230308T055300+0000

Record Last Update: 20260801T124715+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Nxntm1b*(EUCOMM)*Wtsi*/JMmucd.

No alerts have been found for C57BL/6N-*Nxntm1b*(EUCOMM)*Wtsi*/JMmucd.

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.