

Resource Summary Report

Generated by [dkNET](#) on Aug 28, 2026

[Nodal^{TgR\(MPSVNeo\)413.dRob}/Nodal^{tm4Rob}](#)

RRID:MGI:2668420

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:2668420

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

Species: Mus musculus

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

Phenotype: enlarged pericardium, abnormal foregut morphology, absent midbrain, abnormal embryonic neuroepithelium morphology, absent forebrain, pericardial edema, rostral body truncation, embryonic lethality between somite formation and embryo turning, complete penetrance, decreased embryonic neuroepithelial cell proliferation, abnormal heart looping

Affected Gene: Nodal

Genomic Alteration: tm4Rob, TgR(MPSVNeo)413.dRob

Catalog Number: 2668420

Background: involves: 129S/SvEv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12842913](#)

Organism Name: Nodal^{TgR(MPSVNeo)413.dRob}/Nodal^{tm4Rob}

Record Creation Time: 20240120T190732+0000

Record Last Update: 20240130T202058+0000

Ratings and Alerts

No rating or validation information has been found for Nodal^{TgR(MPSVNeo)413.dRob}/Nodal^{tm4Rob}.

No alerts have been found for Nodal^{TgR(MPSVNeo)413.dRob}/Nodal^{tm4Rob}.

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.