Resource Summary Report

Generated by kravitz2 on Jul 30, 2026

Ovol2^{tm1Xdai}/Ovol2^{tm1Xdai}

RRID:MGI:3620948
Type: Organism

Proper Citation

RRID:MGI:3620948

Organism Information

URL:

Proper Citation: RRID:MGI:3620948

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

Species: Mus musculus

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

Phenotype: decreased embryonic neuroepithelial cell proliferation, abnormal heart tube morphology, abnormal heart development, small pharyngeal arch, abnormal dorsal-ventral axis patterning, abnormal forebrain development, increased neural crest cell apoptosis, cardia bifida, common ventricle, abnormal neural crest cell delamination, absent otic pit, abnormal notochord morphology, abnormal heart looping, abnormal digestive system development, abnormal prechordal plate morphology, abnormal optic pit morphology, abnormal optic eminence morphology, abnormal cephalic neural fold morphology, abnormal head mesenchyme morphology, incomplete rostral neuropore closure, increased embryonic neuroepithelium thickness, abnormal hindgut morphology, spina bifida, abnormal foregut morphology, abnormal surface ectoderm morphology, abnormal embryonic neuroepithelium morphology, embryonic lethality during organogenesis, complete penetrance, abnormal embryo turning

Affected Gene: Ovol2

Genomic Alteration: tm1Xdai

Catalog Number: 3620948

Background: either: (involves: 129P2/OlaHsd * C57BL/6J) or (involves: 129P2/OlaHsd * CD-1)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:16423343

Organism Name: Ovol2^{tm1Xdai}/Ovol2^{tm1Xdai}

Record Creation Time: 20240120T190602+0000

Record Last Update: 20240130T202006+0000

Ratings and Alerts

No rating or validation information has been found for Ovol2^{tm1Xdai}/Ovol2^{tm1Xdai}.

No alerts have been found for Ovol2^{tm1Xdai}/Ovol2^{tm1Xdai}.

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.