

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[Kras^{tm4Tyj}/Kras⁺; Meox2^{tm1\(cre\)Sor}/Meox2⁺](#)

RRID:MGI:3716398

Type: Organism

Proper Citation

RRID:MGI:3716398

Organism Information

URL:

Proper Citation: RRID:MGI:3716398

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

Species: Mus musculus

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

Phenotype: conotruncal ridge hyperplasia, increased hepatocyte apoptosis, liver hypoplasia, pallor, dilated respiratory conducting tubes, impaired branching involved in terminal bronchiole morphogenesis, impaired branching involved in bronchus morphogenesis, abnormal atrioventricular valve morphology, abnormal bronchus morphology, abnormal cardiovascular system physiology, abnormal embryonic erythrocyte morphology, abnormal embryonic erythropoiesis, abnormal branching involved in lung morphogenesis, ventricular septal defect, double outlet right ventricle, edema, embryo phenotype, embryonic lethality during organogenesis, incomplete penetrance, lethality throughout fetal growth and development, complete penetrance, hemorrhage

Affected Gene: Meox2, Kras

Genomic Alteration: tm4Tyj, tm1(cre)Sor

Catalog Number: 3716398

Background: involves: 129S4/SvJae * 129S4/SvJaeSor

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17369402](#)

Organism Name: Kras^{tm4Tyj/Kras⁺}; Meox2^{tm1(cre)Sor/Meox2⁺}

Record Creation Time: 20240120T190513+0000

Record Last Update: 20240130T201938+0000

Ratings and Alerts

No rating or validation information has been found for Kras^{tm4Tyj/Kras⁺}; Meox2^{tm1(cre)Sor/Meox2⁺}.

No alerts have been found for Kras^{tm4Tyj/Kras⁺}; Meox2^{tm1(cre)Sor/Meox2⁺}.

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.