

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[Osr1^{tm1Jian}](#)/[Osr1^{tm1Jian}](#)

RRID:MGI:3615463

Type: Organism

Proper Citation

RRID:MGI:3615463

Organism Information

URL:

Proper Citation: RRID:MGI:3615463

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

Species: Mus musculus

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

Phenotype: absent vitelline blood vessels, hydrops fetalis, lethality throughout fetal growth and development, complete penetrance, increased kidney apoptosis, dilated heart atrium, abnormal metanephric mesenchyme morphology, abnormal fetal atrioventricular canal morphology, abnormal pericardium morphology, absent ureteric bud, abnormal vein morphology, abnormal interventricular septum morphology, rudimentary Wolffian ducts, absent metanephros, abnormal nephrogenic mesenchyme morphogenesis, agonadal, gonadal ridge hypoplasia, abnormal mesonephros morphology, abnormal kidney development, abnormal Wolffian duct morphology, abnormal lung morphology, absent ovary, absent testes, absent adrenal gland, embryonic lethality during organogenesis, incomplete penetrance, abnormal blood circulation, abnormal interatrial septum morphology, common atrium

Affected Gene: Osr1

Genomic Alteration: tm1Jian

Catalog Number: 3615463

Background: either: (involves: 129S1/Sv * C57BL/6J) or (involves: 129S1/Sv * ICR)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16223478](#)

Organism Name: Osr1^{tm1Jian}/Osr1^{tm1Jian}

Record Creation Time: 20240120T190608+0000

Record Last Update: 20240130T202010+0000

Ratings and Alerts

No rating or validation information has been found for Osr1^{tm1Jian}/Osr1^{tm1Jian}.

No alerts have been found for Osr1^{tm1Jian}/Osr1^{tm1Jian}.

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.