

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

[Lefty1^{tm1Hmd}/Lefty1^{tm1Hmd}](#)

RRID:MGI:3761090

Type: Organism

Proper Citation

RRID:MGI:3761090

Organism Information

URL:

Proper Citation: RRID:MGI:3761090

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

Species: Mus musculus

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

Phenotype: double outlet right ventricle, abnormal left renal vein morphology, abnormal heart morphology, transposition of great arteries, tricuspid valve atresia, left atrial isomerism, atrial septal defect, postnatal lethality, incomplete penetrance, abnormal liver morphology, abnormal heart position or orientation, abnormal inferior vena cava morphology, abnormal vein morphology, embryonic lethality during organogenesis, incomplete penetrance, abnormal bronchus morphology, abnormal hepatic portal vein morphology, right aortic arch, complete atrioventricular septal defect, abnormal heart and great vessel attachment, abnormal cardiac outflow tract development, abnormal azygos vein morphology, left pulmonary isomerism, left-sided isomerism, situs inversus, ventricular septal defect

Affected Gene: Lefty1

Genomic Alteration: tm1Hmd

Catalog Number: 3761090

Background: involves: 129P2/OlaHsd * C57BL/6Cr

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9708731](#)

Organism Name: Lefty1^{tm1Hmd}/Lefty1^{tm1Hmd}

Record Creation Time: 20240120T190457+0000

Record Last Update: 20240130T201929+0000

Ratings and Alerts

No rating or validation information has been found for Lefty1^{tm1Hmd}/Lefty1^{tm1Hmd}.

No alerts have been found for Lefty1^{tm1Hmd}/Lefty1^{tm1Hmd}.

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.