

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[Isl1^{tm1Tmj}/Isl1^{tm1Tmj}](#)

RRID:MGI:3688257

Type: Organism

Proper Citation

RRID:MGI:3688257

Organism Information

URL:

Proper Citation: RRID:MGI:3688257

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

Species: Mus musculus

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

Phenotype: failure of heart looping, embryonic growth arrest, absent heart right ventricle, abnormal heart atrium morphology, abnormal pancreas mesenchyme morphology, abnormal pancreatic islet morphology, abnormal pharyngeal arch morphology, absent pancreatic alpha cells, abnormal Rathke's pouch development, abnormal pancreas morphology, small Rathke's pouch, abnormal pancreatic acinar cell morphology, embryonic lethality during organogenesis, complete penetrance, abnormal heart development, absent cardiac outflow tract, abnormal splanchnic mesoderm morphology, abnormal heart shape

Affected Gene: Isl1

Genomic Alteration: tm1Tmj

Catalog Number: 3688257

Background: involves: 129S1/Sv

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9000074](#), [PMID:14667410](#), [PMID:9806931](#)

Organism Name: $Isl1^{tm1Tmj}/Isl1^{tm1Tmj}$

Record Creation Time: 20240120T190542+0000

Record Last Update: 20240130T201954+0000

Ratings and Alerts

No rating or validation information has been found for $Isl1^{tm1Tmj}/Isl1^{tm1Tmj}$.

No alerts have been found for $Isl1^{tm1Tmj}/Isl1^{tm1Tmj}$.

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.