

# Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

[Isl1<sup>tm1Tmj</sup>/Isl1<sup>tm1Tmj</sup>](#)

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.