

Resource Summary Report

Generated by [Kravitz](#) on Sep 16, 2026

[Smo^{tm1Amc}/Smo^{tm2Amc}; Isl1^{tm1\(cre\)}Sev//Isl1⁺](#)

RRID:MGI:3689403

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3689403

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

Species: Mus musculus

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

Phenotype: abnormal aortic arch morphology, right aortic arch, transposition of great arteries, abnormal cardiac outflow tract development, abnormal sixth pharyngeal arch artery morphology, ventricular septal defect, perinatal lethality, persistent truncus arteriosus, abnormal cardiac neural crest cell migration, atrial septal defect

Affected Gene: Isl1, Smo

Genomic Alteration: tm2Amc, tm1Amc, tm1(cre)Sev

Catalog Number: 3689403

Background: involves: 129S/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16687132](#)

Organism Name: Smo^{tm1Amc}/Smo^{tm2Amc}; Isl1^{tm1(cre)}Sev//Isl1⁺

Record Creation Time: 20240120T190541+0000

Record Last Update: 20240130T201953+0000

Ratings and Alerts

No rating or validation information has been found for Smo^{tm1Amc}/Smo^{tm2Amc}; Isl1^{tm1(cre)Sev}/Isl1⁺.

No alerts have been found for Smo^{tm1Amc}/Smo^{tm2Amc}; Isl1^{tm1(cre)Sev}/Isl1⁺.

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.