

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Smad6^{tm1Glvn}/Smad6^{tm1Glvn}](#)

RRID:MGI:3612176

Type: Organism

Proper Citation

RRID:MGI:3612176

Organism Information

URL:

Proper Citation: RRID:MGI:3612176

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

Species: Mus musculus

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

Phenotype: abnormal heart morphology, mortality/aging, preweaning lethality, incomplete penetrance, abnormal thrombosis, abnormal endocardium morphology, abnormal cardiovascular system physiology, enlarged mitral valve, heart valve hyperplasia, abnormal cardiac epithelial to mesenchymal transition, abnormal coronary vessel morphology, poor circulation, enlarged pulmonary valve, abnormal aorta morphology, abnormal blood vessel physiology, abnormal truncus arteriosus septation, abnormal heart valve morphology, decreased vasodilation, increased systemic arterial blood pressure

Affected Gene: Smad6

Genomic Alteration: tm1Glvn

Catalog Number: 3612176

Background: involves: 129S6/SvEvTac * BALB/cByJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10655064](#)

Organism Name: Smad6^{tm1Glvn}/Smad6^{tm1Glvn}

Record Creation Time: 20240120T190611+0000

Record Last Update: 20240130T202011+0000

Ratings and Alerts

No rating or validation information has been found for Smad6^{tm1Glvn}/Smad6^{tm1Glvn}.

No alerts have been found for Smad6^{tm1Glvn}/Smad6^{tm1Glvn}.

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.