

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 12, 2026

[Shc1^{tm1Paw}/Shc1^{tm1Paw}](#)

RRID:MGI:3622829

Type: Organism

Proper Citation

RRID:MGI:3622829

Organism Information

URL:

Proper Citation: RRID:MGI:3622829

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

Species: Mus musculus

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

Phenotype: pale yolk sac, decreased angiogenesis, trabecula carnea hypoplasia, abnormal cell morphology, abnormal cell physiology, vascular smooth muscle hypoplasia, embryonic lethality during organogenesis, complete penetrance, abnormal actin cytoskeleton morphology, thin myocardium, thin ventricular wall, enlarged pericardium, heart vascular congestion, abnormal carotid artery morphology, abnormal cell adhesion, abnormal vascular endothelial cell morphology, abnormal vascular smooth muscle morphology, abnormal blood vessel morphology, abnormal vein morphology, abnormal vitelline vasculature morphology, decreased cardiac muscle contractility, abnormal atrioventricular cushion morphology, abnormal heart left ventricle morphology

Affected Gene: Shc1

Genomic Alteration: tm1Paw

Catalog Number: 3622829

Background: either: (involves: 129S1/Sv * 129X1/SvJ) or (involves: 129S1/Sv * 129X1/SvJ * CD-1)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10809671](#)

Organism Name: Shc1^{tm1Paw}/Shc1^{tm1Paw}

Record Creation Time: 20240120T190600+0000

Record Last Update: 20240130T202005+0000

Ratings and Alerts

No rating or validation information has been found for Shc1^{tm1Paw}/Shc1^{tm1Paw}.

No alerts have been found for Shc1^{tm1Paw}/Shc1^{tm1Paw}.

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.