

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

## [Shc1<sup>tm1Paw</sup>/Shc1<sup>tm1Paw</sup>](#)

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<sup>tm1Paw</sup>/Shc1<sup>tm1Paw</sup>

**Record Creation Time:** 20240120T190600+0000

**Record Last Update:** 20240130T202005+0000

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## Ratings and Alerts

No rating or validation information has been found for Shc1<sup>tm1Paw</sup>/Shc1<sup>tm1Paw</sup>.

No alerts have been found for Shc1<sup>tm1Paw</sup>/Shc1<sup>tm1Paw</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.