

Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

[Smad5^{tm1.1Huy}/Smad5^{tm1.1Huy}](#)

RRID:MGI:2679450

Type: Organism

Proper Citation

RRID:MGI:2679450

Organism Information

URL:

Proper Citation: RRID:MGI:2679450

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

Species: Mus musculus

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

Phenotype: abnormal heart development, failure of initiation of embryo turning, abnormal amnion morphology, pale yolk sac, abnormal allantois morphology, abnormal definitive hematopoiesis, abnormal vasculogenesis, incomplete rostral neuropore closure, abnormal foregut morphology, dilated dorsal aorta, abnormal visceral yolk sac morphology, abnormal extraembryonic tissue morphology

Affected Gene: Smad5

Genomic Alteration: tm1.1Huy

Catalog Number: 2679450

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14502571](#)

Organism Name: Smad5^{tm1.1Huy}/Smad5^{tm1.1Huy}

Record Creation Time: 20240120T190721+0000

Record Last Update: 20240130T202051+0000

Ratings and Alerts

No rating or validation information has been found for Smad5^{tm1.1Huy}/Smad5^{tm1.1Huy}.

No alerts have been found for Smad5^{tm1.1Huy}/Smad5^{tm1.1Huy}.

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.