

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Tg\(Tagln-cre\)1Her; Smad5^{tm1Huy}/Smad5^{tm1.1Huy}](#)

RRID:MGI:3710360

Type: Organism

Proper Citation

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Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: dilated heart, decreased cardiac muscle contractility, impaired exercise endurance

Affected Gene: Smad5

Genomic Alteration: Tg(Tagln-cre)1Her, tm1.1Huy, tm1Huy

Catalog Number: 3710360

Background: involves: 129P2/OlaHsd * C57BL/6 * CD-1 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17456754](#)

Organism Name: Tg(Tagln-cre)1Her; Smad5^{tm1Huy}/Smad5^{tm1.1Huy}

Record Creation Time: 20240120T190523+0000

Record Last Update: 20240130T201943+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Tagln-cre)¹Her; Smad5^{tm1Huy}/Smad5^{tm1.1Huy}.

No alerts have been found for Tg(Tagln-cre)¹Her; Smad5^{tm1Huy}/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.