

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

[Smad2^{tm1Enl}/Smad2⁺; Nodal^{tm1Rob}/Nodal⁺](#)

RRID:MGI:2182498

Type: Organism

Proper Citation

RRID:MGI:2182498

Organism Information

URL:

Proper Citation: RRID:MGI:2182498

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

Species: Mus musculus

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

Phenotype: abnormal lateral plate mesoderm morphology, abnormal heart looping, abnormal craniofacial morphology, abnormal direction of embryo turning, transposition of great arteries, right pulmonary isomerism, cyclopia, abnormal left-right axis patterning, abnormal gastrulation, rostral body truncation

Affected Gene: Nodal, Smad2

Genomic Alteration: tm1Rob, tm1Enl

Catalog Number: 2182498

Background: involves: 129S/SvEv * 129S4/SvJae

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9655392](#)

Organism Name: Smad2^{tm1Enl}/Smad2⁺; Nodal^{tm1Rob}/Nodal⁺

Record Creation Time: 20240120T190749+0000

Record Last Update: 20240130T202107+0000

Ratings and Alerts

No rating or validation information has been found for Smad2^{tm1Enl}/Smad2⁺; Nodal^{tm1Rob}/Nodal⁺.

No alerts have been found for Smad2^{tm1Enl}/Smad2⁺; Nodal^{tm1Rob}/Nodal⁺.

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.