

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Smo^{tm2Amc}/Smo^{tm2.1Amc}; Nkx2-5^{tm1}\(cre\)Rjs/Nkx2-5⁺](#)

RRID:MGI:4843927

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4843927

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

Species: Mus musculus

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

Phenotype: abnormal neural crest cell migration, abnormal artery morphology, abnormal neural crest cell apoptosis, abnormal cardiac outflow tract development, persistent truncus arteriosus

Affected Gene: Smo, Nkx2-5

Genomic Alteration: tm1(cre)Rjs, tm2Amc, tm2.1Amc

Catalog Number: 4843927

Background: involves: 129S7/SvEvBrd * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17344228](#)

Organism Name: Smo^{tm2Amc}/Smo^{tm2.1Amc}; Nkx2-5^{tm1}(cre)Rjs/Nkx2-5⁺

Record Creation Time: 20240120T190238+0000

Record Last Update: 20240130T201810+0000

Ratings and Alerts

No rating or validation information has been found for Smo^{tm2Amc}/Smo^{tm2.1Amc}; Nkx2-5^{tm1(cre)Rjs}/Nkx2-5⁺.

No alerts have been found for Smo^{tm2Amc}/Smo^{tm2.1Amc}; Nkx2-5^{tm1(cre)Rjs}/Nkx2-5⁺.

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.