

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

[H2afv](#)[Tg\(Wnt1-cre\)11Rth](#); [Tgfbr2^{tm1Karl}](#)/[Tgfbr2^{tm1Karl}](#)

RRID:MGI:3623411

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: cleft secondary palate, abnormal blood vessel physiology, abnormal midbrain morphology, abnormal craniofacial bone morphology, vasculature congestion, palatal shelves fail to meet at midline, abnormal hindbrain morphology, abnormal neural crest cell morphology, abnormal parathyroid gland morphology, abnormal aortic arch and aortic arch branch attachment, abnormal vasodilation, congestive heart failure, ventricular septal defect, absent parathyroid glands, abnormal cartilage morphology, parathyroid hypoplasia, perinatal lethality, persistent truncus arteriosus, small thymus

Affected Gene: Tgfbr2, H2afv

Genomic Alteration: tm1Karl, Tg(Wnt1-cre)11Rth

Catalog Number: 3623411

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15741317](#)

Organism Name: H2afv^{Tg(Wnt1-cre)11Rth}; Tgfbr2^{tm1Karl}/Tgfbr2^{tm1Karl}

Record Creation Time: 20240120T190559+0000

Record Last Update: 20240130T202005+0000

Ratings and Alerts

No rating or validation information has been found for H2afv^{Tg(Wnt1-cre)11Rth}; Tgfbr2^{tm1Karl}/Tgfbr2^{tm1Karl}.

No alerts have been found for H2afv^{Tg(Wnt1-cre)11Rth}; Tgfbr2^{tm1Karl}/Tgfbr2^{tm1Karl}.

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.