

# Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

[H2afv](#)[Tg\(Wnt1-cre\)11Rth](#); [Tgfbr2<sup>tm1Karl</sup>](#)/[Tgfbr2<sup>tm1Karl</sup>](#)

RRID:MGI:3623411

Type: Organism

## Proper Citation

RRID:MGI:3623411

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3623411

**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<sup>Tg(Wnt1-cre)11Rth</sup>; Tgfbr2<sup>tm1Karl</sup>/Tgfbr2<sup>tm1Karl</sup>

**Record Creation Time:** 20240120T190559+0000

**Record Last Update:** 20240130T202005+0000

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## Ratings and Alerts

No rating or validation information has been found for H2afv<sup>Tg(Wnt1-cre)11Rth</sup>; Tgfbr2<sup>tm1Karl</sup>/Tgfbr2<sup>tm1Karl</sup>.

No alerts have been found for H2afv<sup>Tg(Wnt1-cre)11Rth</sup>; Tgfbr2<sup>tm1Karl</sup>/Tgfbr2<sup>tm1Karl</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.