

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org) on Apr 4, 2025

[Bmp7^{tm1Jfm}/Bmp7⁺](#); [Bmp2^{tm1Jfm}/Bmp2^{tm1Jfm}](#)
; [Bmp4^{tm1Jfm}/Bmp4^{tm1Jfm}](#); [H2afv^{Tg\(Wnt1-cre\)11Rth}](#)

RRID:MGI:5312875

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5312875

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

Species: Mus musculus

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

Phenotype: absent alisphenoid bone, abnormal nasal bone morphology, abnormal interparietal bone morphology, absent zygomatic bone, abnormal mandibular angle morphology, absent tympanic ring, abnormal mandibular condyloid process morphology, cleft palate, absent temporal bone squamous part, absent maxilla, absent mandibular coronoid process

Affected Gene: Bmp4, H2afv, Bmp2, Bmp7

Genomic Alteration: tm1Jfm, Tg(Wnt1-cre)11Rth

Catalog Number: 5312875

Background: involves: 129S4/SvJaeSor * C57BL/6J * CBA/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22219353](#)

Organism Name: Bmp7^{tm1Jfm}/Bmp7⁺; Bmp2^{tm1Jfm}/Bmp2^{tm1Jfm}; Bmp4^{tm1Jfm}/Bmp4^{tm1Jfm}; H2afv^{Tg(Wnt1-cre)}11Rth

Record Creation Time: 20240120T190154+0000

Record Last Update: 20240130T201747+0000

Ratings and Alerts

No rating or validation information has been found for Bmp7^{tm1Jfm}/Bmp7⁺; Bmp2^{tm1Jfm}/Bmp2^{tm1Jfm}; Bmp4^{tm1Jfm}/Bmp4^{tm1Jfm}; H2afv^{Tg(Wnt1-cre)}11Rth.

No alerts have been found for Bmp7^{tm1Jfm}/Bmp7⁺; Bmp2^{tm1Jfm}/Bmp2^{tm1Jfm}; Bmp4^{tm1Jfm}/Bmp4^{tm1Jfm}; H2afv^{Tg(Wnt1-cre)}11Rth.

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.