

# Resource Summary Report

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

[Bmp4<sup>tm1Jfm</sup>/Bmp4<sup>tm1Jfm</sup>; Bmp2<sup>tm1Cjt</sup>/Bmp2<sup>tm1Cjt</sup>;  
Tg\(Prrx1-cre\)1Cjt](#)

RRID:MGI:3700042

Type: Organism

## Proper Citation

RRID:MGI:3700042

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3700042

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

**Species:** Mus musculus

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

**Phenotype:** abnormal forelimb stylopod morphology, abnormal apical ectodermal ridge morphology, abnormal bone ossification, abnormal interdigital cell death, abnormal bone marrow development, abnormal hindlimb stylopod morphology, fused joints, abnormal digit morphology, abnormal bone marrow cavity morphology, abnormal forelimb zeugopod morphology, syndactyly, delayed endochondral bone ossification, abnormal cartilage development, delayed bone ossification, broad limb buds, abnormal long bone diaphysis morphology, abnormal hindlimb zeugopod morphology, abnormal autopod morphology

**Affected Gene:** Bmp4, Bmp2

**Genomic Alteration:** tm1Jfm, Tg(Prrx1-cre)1Cjt, tm1Cjt

**Catalog Number:** 3700042

**Background:** involves: 129S4/SvJaeSor \* C57BL/6 \* SJL

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:17194222](#)

**Organism Name:** Bmp4<sup>tm1Jfm</sup>/Bmp4<sup>tm1Jfm</sup>; Bmp2<sup>tm1Cjt</sup>/Bmp2<sup>tm1Cjt</sup>; Tg(Prrx1-cre)1Cjt

**Record Creation Time:** 20240120T190530+0000

**Record Last Update:** 20240130T201947+0000

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## Ratings and Alerts

No rating or validation information has been found for Bmp4<sup>tm1Jfm</sup>/Bmp4<sup>tm1Jfm</sup>; Bmp2<sup>tm1Cjt</sup>/Bmp2<sup>tm1Cjt</sup>; Tg(Prrx1-cre)1Cjt.

No alerts have been found for Bmp4<sup>tm1Jfm</sup>/Bmp4<sup>tm1Jfm</sup>; Bmp2<sup>tm1Cjt</sup>/Bmp2<sup>tm1Cjt</sup>; Tg(Prrx1-cre)1Cjt.

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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.