

# Resource Summary Report

Generated by [Kravitz](#) on Sep 16, 2026

[Twsg1<sup>tm1Emdr</sup>/Twsg1<sup>tm1Emdr</sup>; Bmp4<sup>tm1Blh</sup>/Bmp4<sup>+</sup>](#)

RRID:MGI:3044666

Type: Organism

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## Proper Citation

RRID:MGI:3044666

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3044666

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

**Species:** Mus musculus

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

**Phenotype:** absent nasal septum, abnormal mouth morphology, abnormal nose morphology, single external naris, abnormal forebrain morphology, short tail, lowered ear position, kinked tail, abnormal lens induction, absent mandible, anophthalmia, abnormal lateral ganglionic eminence morphology, abnormal tail morphology, abnormal retina morphology, holoprosencephaly, absent tongue, oral atresia, abnormal caudal vertebrae morphology, abnormal craniofacial morphology, abnormal diencephalon morphology

**Affected Gene:** Bmp4, Twsg1

**Genomic Alteration:** tm1Blh, tm1Emdr

**Catalog Number:** 3044666

**Background:** involves: 129S2/SvPas \* 129X1/SvJ \* C57BL/6 \* SJL

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:14681194](#)

**Organism Name:** Twsg1<sup>tm1Emdr</sup>/Twsg1<sup>tm1Emdr</sup>; Bmp4<sup>tm1Blh</sup>/Bmp4<sup>+</sup>

**Record Creation Time:** 20240120T190658+0000

**Record Last Update:** 20240130T202038+0000

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## Ratings and Alerts

No rating or validation information has been found for Twsg1<sup>tm1Emdr</sup>/Twsg1<sup>tm1Emdr</sup>; Bmp4<sup>tm1Blh</sup>/Bmp4<sup>+</sup>.

No alerts have been found for Twsg1<sup>tm1Emdr</sup>/Twsg1<sup>tm1Emdr</sup>; Bmp4<sup>tm1Blh</sup>/Bmp4<sup>+</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.