

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 6, 2026

[Twsg1^{tm1Emdr}/Twsg1^{tm1Emdr}; Bmp4^{tm1Blh}/Bmp4⁺](#)

RRID:MGI:3044666

Type: Organism

Proper Citation

RRID:MGI:3044666

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^{tm1Emdr}/Twsg1^{tm1Emdr}; Bmp4^{tm1Blh}/Bmp4⁺

Record Creation Time: 20240120T190658+0000

Record Last Update: 20240130T202038+0000

Ratings and Alerts

No rating or validation information has been found for Twsg1^{tm1Emdr}/Twsg1^{tm1Emdr}; Bmp4^{tm1Blh}/Bmp4⁺.

No alerts have been found for Twsg1^{tm1Emdr}/Twsg1^{tm1Emdr}; Bmp4^{tm1Blh}/Bmp4⁺.

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.