

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Foxg1^{tm1}\(cre\)Skm/Foxg1⁺](#); [Tbx1^{tm2.1}Bem/Tbx1^{tm2.2}Bem](#)

RRID:MGI:3619802

Type: Organism

Proper Citation

RRID:MGI:3619802

Organism Information

URL:

Proper Citation: RRID:MGI:3619802

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

Species: Mus musculus

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

Phenotype: absent masseter muscle, fusion of basioccipital and basisphenoid bone, absent tympanic ring, persistent truncus arteriosus, retroesophageal right subclavian artery, abnormal aortic arch morphology, small thyroid gland, athymia, skin edema, cleft secondary palate, temporal bone hypoplasia, absent semicircular canals, absent cochlea, pharynx hypoplasia, absent outer ear, absent middle ear ossicles, abnormal endolymphatic duct morphology, hyoid bone hypoplasia, abnormal craniofacial bone morphology, inner ear hypoplasia, otic capsule hypoplasia, absent middle ear ossicles, absent inner ear vestibule, abnormal middle ear morphology, absent outer ear, absent tubotympanic recess, small otic vesicle, abnormal vestibulocochlear ganglion morphology, abnormal pharyngeal pouch morphology, absent inner ear, neonatal lethality, complete penetrance, fusion of basioccipital and basisphenoid bone, cleft secondary palate, neonatal lethality, complete penetrance, absent pterygoid muscle, abnormal cardiac outflow tract development, absent zygomatic arch, absent tympanic ring, otic vesicle hypoplasia, short mandible, absent parathyroid glands, ventricular septal defect

Affected Gene: Tbx1, Foxg1

Genomic Alteration: tm1(cre)Skm, tm2.1Bem, tm2.2Bem

Catalog Number: 3619802

Background: involves: 129 * C57BL/6J * SJL * Swiss Webster

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16452092](#), [PMID:16600992](#)

Organism Name: Foxg1^{tm1(cre)Skw}/Foxg1⁺; Tbx1^{tm2.1Bem}/Tbx1^{tm2.2Bem}

Record Creation Time: 20240120T190604+0000

Record Last Update: 20240130T202007+0000

Ratings and Alerts

No rating or validation information has been found for Foxg1^{tm1(cre)Skw}/Foxg1⁺; Tbx1^{tm2.1Bem}/Tbx1^{tm2.2Bem}.

No alerts have been found for Foxg1^{tm1(cre)Skw}/Foxg1⁺; Tbx1^{tm2.1Bem}/Tbx1^{tm2.2Bem}.

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.