

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

[Tgfb2^{tm1Doe}/Tgfb2^{tm1Doe}](#)

RRID:MGI:2668213

Type: Organism

Proper Citation

RRID:MGI:2668213

Organism Information

URL:

Proper Citation: RRID:MGI:2668213

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

Species: Mus musculus

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

Phenotype: atelectasis, decreased corneal stroma thickness, neonatal lethality, complete penetrance, abnormal eye anterior chamber morphology, persistence of hyaloid vascular system, abnormal iris stroma morphology, abnormal cornea posterior stroma morphology, inlet ventricular septal defect, small temporal bone, abnormal semilunar valve morphology, small parietal bone, large fontanelles, patent aortic valve, increased urine protein level, abnormal renal tubule epithelium morphology, abnormal macrophage physiology, small olecranon, small mandibular condyloid process, ascending aorta hypoplasia, absent deltoid tuberosity, absent Rosenthal canal, absent spiral limbus, absent interdental cells, abnormal scala vestibuli morphology, abnormal cochlear ganglion morphology, abnormal kidney morphology, dilated renal tubules, absent kidney, abnormal cochlea morphology, ectopic adrenal gland, abnormal uterine horn morphology, patent pulmonary valve, abnormal thoracic cage shape, absent mandibular angle, abnormal semilunar valve morphology, persistent right dorsal aorta, abnormal heart ventricle outflow tract morphology, absent occipital bone, abnormal mandible morphology, failure of heart looping, abnormal heart septum morphology, heart valve hyperplasia, dilated heart right ventricle, abnormal atrioventricular cushion morphology, ostium primum atrial septal defect, failure of atrioventricular cushion closure, abnormal myocardium layer morphology, abnormal atrioventricular valve morphology, abnormal craniofacial bone morphology, absent pterygoid process, absent alisphenoid bone, trabecula carnea hypoplasia, double outlet right ventricle, failure of palatal shelf elevation, double inlet heart left ventricle, dilated heart right ventricle, absent Descemet membrane, abnormal corneal stroma morphology, absent corneal endothelium, decreased cornea thickness, abnormal retinal

neuronal layer morphology, fused cornea and lens, vitreous body deposition, rib fusion, decreased corneal stroma thickness, abnormal eye posterior chamber morphology, retina hyperplasia, perinatal lethality, incomplete penetrance, ascending aorta hypoplasia, abnormal cardiac outflow tract development, complete atrioventricular septal defect, abnormal aorta morphology, aortic arch hypoplasia, thick aortic valve cusps, ectopic testis, testis hypoplasia, hydronephrosis, atrioventricular septal defect, abnormal cardiovascular development, thick mitral valve, thick tricuspid valve, aberrant origin of the right subclavian artery, thick pulmonary valve cusps, pulmonary artery hypoplasia, neonatal lethality, complete penetrance, abnormal truncus arteriosus septation, interrupted aortic arch, double outlet right ventricle, small mandibular coronoid process, abnormal limb morphology, abnormal trochanter morphology, abnormal femur morphology, short mandible, abnormal humerus morphology, inlet ventricular septal defect, cleft secondary palate, retrognathia, small interparietal bone, small frontal bone, abnormal myocardium layer morphology, abnormal neurocranium morphology, absent maxillary shelf, abnormal atrioventricular valve morphology, short ulna, cyanosis, decreased body weight, short radius, spina bifida occulta, abnormal rib morphology, abnormal sternum morphology, dilated respiratory conducting tubes, respiratory distress, abnormal clavicle morphology, abnormal xiphoid process morphology, perimembraneous ventricular septal defect

Affected Gene: Tgfb2

Genomic Alteration: tm1Doe

Catalog Number: 2668213

Background: involves: 129P2/OlaHsd * Black Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11390347](#), [PMID:9217007](#), [PMID:11784073](#)

Organism Name: Tgfb2^{tm1Doe}/Tgfb2^{tm1Doe}

Record Creation Time: 20240120T190732+0000

Record Last Update: 20240130T202058+0000

Ratings and Alerts

No rating or validation information has been found for Tgfb2^{tm1Doe}/Tgfb2^{tm1Doe}.

No alerts have been found for Tgfb2^{tm1Doe}/Tgfb2^{tm1Doe}.

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.