

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

[Six1^{tm1Kwk}](#)/[Six1^{tm1Kwk}](#)

RRID:MGI:3612543

Type: Organism

Proper Citation

RRID:MGI:3612543

Organism Information

URL:

Proper Citation: RRID:MGI:3612543

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

Species: Mus musculus

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

Phenotype: abnormal semicircular canal morphology, short ureter, abnormal middle ear morphology, decreased submandibular gland size, abnormal submandibular gland physiology, abnormal submandibular gland development, absent stapes, small kidney, decreased skeletal muscle mass, absent vestibulocochlear ganglion, abnormal otic vesicle development, abnormal nose morphology, absent olfactory epithelium, abnormal nasal cavity morphology, abnormal malleus morphology, abnormal kidney morphology, abnormal inner ear morphology, abnormal incus morphology, micrognathia, abnormal external nares morphology, perinatal lethality, complete penetrance, eyelids open at birth, dilated endolymphatic duct, bradykinesia, athymia, abnormal endolymphatic duct morphology, absent vomeronasal organ, absent cochlea, absent kidney, apnea, absent inner ear vestibule, epistaxis

Affected Gene: Six1

Genomic Alteration: tm1Kwk

Catalog Number: 3612543

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14695375](#), [PMID:19371398](#)

Organism Name: Six1^{tm1Kwk}/Six1^{tm1Kwk}

Record Creation Time: 20240120T190610+0000

Record Last Update: 20240130T202011+0000

Ratings and Alerts

No rating or validation information has been found for Six1^{tm1Kwk}/Six1^{tm1Kwk}.

No alerts have been found for Six1^{tm1Kwk}/Six1^{tm1Kwk}.

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.