

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

[Prickle1^{tm1.2Asw}](#)/[Prickle1^{tm1.2Asw}](#)

RRID:MGI:5648843

Type: Organism

Proper Citation

RRID:MGI:5648843

Organism Information

URL:

Proper Citation: RRID:MGI:5648843

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

Species: Mus musculus

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

Phenotype: misaligned sternebrae, embryonic lethality during organogenesis, incomplete penetrance, short cochlear hair cell stereocilia, short limbs, short mandible, short nasal bone, short tail, short premaxilla, short snout, decreased length of long bones, abnormal hair follicle morphology, abnormal nervous system tract morphology, abnormal myocardial fiber morphology, transposition of great arteries, short tongue, abnormal kidney morphology, delayed endochondral bone ossification, abnormal innervation, abnormal proximal convoluted tubule morphology, abnormal phalanx morphology, wavy tail, abnormal hair follicle orientation, dilated renal tubules, delayed neural tube closure, abnormal hippocampus morphology, abnormal nose morphology, abnormal chondrocyte morphology, abnormal cochlear hair cell stereociliary bundle morphology, abnormal fetal cardiomyocyte morphology, cleft palate, abnormal developmental patterning, bifid tongue, abnormal kidney collecting duct morphology, atrial septal defect, abnormal ureteric bud morphology, kidney cysts, postnatal lethality, complete penetrance, abnormal digit morphology, increased diameter of long bones, eyelids open at birth, abnormal forelimb morphology, decreased body size, enlarged lateral ventricles, enlarged heart right atrium, abnormal striatum morphology, abnormal renal tubule morphology

Affected Gene: Prickle1

Genomic Alteration: tm1.2Asw

Catalog Number: 5648843

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25190059](#)

Organism Name: Prickle1^{tm1.2Asw}/Prickle1^{tm1.2Asw}

Record Creation Time: 20240120T190025+0000

Record Last Update: 20240130T201653+0000

Ratings and Alerts

No rating or validation information has been found for Prickle1^{tm1.2Asw}/Prickle1^{tm1.2Asw}.

No alerts have been found for Prickle1^{tm1.2Asw}/Prickle1^{tm1.2Asw}.

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.