

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

[Ptk7^{Gt\(Betageo\)1Matl}/Ptk7^{Gt\(Betageo\)1Matl}](#)

RRID:MGI:3047812

Type: Organism

Proper Citation

RRID:MGI:3047812

Organism Information

URL:

Proper Citation: RRID:MGI:3047812

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: abnormal orientation of inner hair cell stereociliary bundles, craniorachischisis, increased cochlear inner hair cell number, enlarged floor plate, abnormal somite shape, abnormal cochlear inner hair cell morphology, polydactyly, abnormal orientation of outer hair cell stereociliary bundles, abnormal outer hair cell kinocilium location or orientation, perinatal lethality, complete penetrance, small kidney, increased cochlear outer hair cell number

Affected Gene: Ptk7

Genomic Alteration: Gt(Betageo)1Matl

Catalog Number: 3047812

Background: involves: 129P2/Ola

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15229603](#)

Organism Name: Ptk7^{Gt(Betageo)1Matl}/Ptk7^{Gt(Betageo)1Matl}

Record Creation Time: 20240120T190654+0000

Record Last Update: 20240130T202036+0000

Ratings and Alerts

No rating or validation information has been found for Ptk7^{Gt(Betageo)1Matl}/Ptk7^{Gt(Betageo)1Matl}.

No alerts have been found for Ptk7^{Gt(Betageo)1Matl}/Ptk7^{Gt(Betageo)1Matl}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

O'Brien LL, et al. (2018) Wnt11 directs nephron progenitor polarity and motile behavior ultimately determining nephron endowment. eLife, 7.