

# Resource Summary Report

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

[Ptk7<sup>Gt\(Betageo\)1Matl</sup>/Ptk7<sup>Gt\(Betageo\)1Matl</sup>](#)

RRID:MGI:3047812

Type: Organism

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## Proper Citation

RRID:MGI:3047812

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## 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<sup>Gt(Betageo)1Matl</sup>/Ptk7<sup>Gt(Betageo)1Matl</sup>

**Record Creation Time:** 20240120T190654+0000

**Record Last Update:** 20240130T202036+0000

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## Ratings and Alerts

No rating or validation information has been found for Ptk7<sup>Gt(Betageo)1Matl</sup>/Ptk7<sup>Gt(Betageo)1Matl</sup>.

No alerts have been found for Ptk7<sup>Gt(Betageo)1Matl</sup>/Ptk7<sup>Gt(Betageo)1Matl</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

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