

# Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

[Pth1r<sup>tm1Hmk</sup>/Pth1r<sup>tm1Hmk</sup>](#)

RRID:MGI:3584246

Type: Organism

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## Proper Citation

RRID:MGI:3584246

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3584246

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

**Species:** Mus musculus

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

**Phenotype:** abnormal synchondrosis, foramen magnum stenosis, abnormal neurocranium morphology, protruding tongue, abnormal long bone epiphyseal plate proliferative zone, decreased embryo size, short limbs, short snout, short mandible, domed cranium, perinatal lethality, complete penetrance, abnormal hyaline cartilage morphology, abnormal bone mineralization, decreased length of long bones, atelectasis, embryonic growth retardation, neonatal lethality, complete penetrance, decreased fetal size, respiratory failure, decreased embryo size, respiratory system phenotype, small lung

**Affected Gene:** Pth1r

**Genomic Alteration:** tm1Hmk

**Catalog Number:** 3584246

**Background:** involves: 129X1/SvJ \* Black Swiss \* C57BL/6

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:8662561](#), [PMID:10696074](#)

**Organism Name:** Pth1r<sup>tm1Hmk</sup>/Pth1r<sup>tm1Hmk</sup>

**Record Creation Time:** 20240120T190625+0000

**Record Last Update:** 20240130T202019+0000

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## Ratings and Alerts

No rating or validation information has been found for Pth1r<sup>tm1Hmk</sup>/Pth1r<sup>tm1Hmk</sup>.

No alerts have been found for Pth1r<sup>tm1Hmk</sup>/Pth1r<sup>tm1Hmk</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 have not found any literature mentions for this resource.