

# Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

[Pthlh<sup>tm1Hmk</sup>/Pthlh<sup>tm1Hmk</sup>](#); [Pth<sup>tm1Dgo</sup>/Pth<sup>tm1Dgo</sup>](#)

RRID:MGI:2665233

Type: Organism

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## Proper Citation

RRID:MGI:2665233

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2665233

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

**Species:** Mus musculus

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

**Phenotype:** increased chondrocyte apoptosis, abnormal angiogenesis, short limbs, abnormal bone mineralization, abnormal trabecular bone morphology, decreased osteoblast cell number, abnormal osteoclast morphology, abnormal skeleton morphology, decreased length of long bones, enlarged parathyroid gland, increased osteocyte apoptosis, abnormal axial skeleton morphology, abnormal bone structure, increased compact bone thickness, abnormal long bone hypertrophic chondrocyte zone, perinatal lethality, complete penetrance, disproportionate dwarf, decreased osteoclast cell number, abnormal appendicular skeleton morphology, increased width of hypertrophic chondrocyte zone, increased osteoblast apoptosis, abnormal long bone epiphyseal plate proliferative zone, abnormal cartilage development

**Affected Gene:** Pthlh, Pth

**Genomic Alteration:** tm1Dgo, tm1Hmk

**Catalog Number:** 2665233

**Background:** involves: 129S2/SvPas \* C57BL/6J

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:11994406](#)

**Organism Name:** Pthlh<sup>tm1Hmk</sup>/Pthlh<sup>tm1Hmk</sup>; Pth<sup>tm1Dgo</sup>/Pth<sup>tm1Dgo</sup>

**Record Creation Time:** 20240120T190733+0000

**Record Last Update:** 20240130T202058+0000

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## Ratings and Alerts

No rating or validation information has been found for Pthlh<sup>tm1Hmk</sup>/Pthlh<sup>tm1Hmk</sup>; Pth<sup>tm1Dgo</sup>/Pth<sup>tm1Dgo</sup>.

No alerts have been found for Pthlh<sup>tm1Hmk</sup>/Pthlh<sup>tm1Hmk</sup>; Pth<sup>tm1Dgo</sup>/Pth<sup>tm1Dgo</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.