

# Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

[Mmp16<sup>tm1Khol</sup>/Mmp16<sup>+</sup>](#); [Mmp14<sup>tm1Hbh</sup>/Mmp14<sup>tm1Hbh</sup>](#)

RRID:MGI:3772052

Type: Organism

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## Proper Citation

RRID:MGI:3772052

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3772052

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

**Species:** Mus musculus

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

**Phenotype:** abnormal long bone epiphyseal plate proliferative zone, abnormal cartilage morphology, postnatal lethality, complete penetrance, short femur, short humerus, abnormal chondrocyte morphology, frontal bone hypoplasia, nasal bone hypoplasia, parietal bone hypoplasia, thin neurocranium, decreased bone ossification, abnormal long bone morphology, abnormal compact bone morphology, abnormal long bone hypertrophic chondrocyte zone

**Affected Gene:** Mmp16, Mmp14

**Genomic Alteration:** tm1Hbh, tm1Khol

**Catalog Number:** 3772052

**Background:** involves: 129P2/OlaHsd \* 129S6/SvEvTac

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:18022611](#)

**Organism Name:** Mmp16<sup>tm1Khol</sup>/Mmp16<sup>+</sup>; Mmp14<sup>tm1Hbh</sup>/Mmp14<sup>tm1Hbh</sup>

**Record Creation Time:** 20240120T190448+0000

**Record Last Update:** 20240130T201924+0000

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## Ratings and Alerts

No rating or validation information has been found for Mmp16<sup>tm1Khol</sup>/Mmp16<sup>+</sup>; Mmp14<sup>tm1Hbh</sup>/Mmp14<sup>tm1Hbh</sup>.

No alerts have been found for Mmp16<sup>tm1Khol</sup>/Mmp16<sup>+</sup>; Mmp14<sup>tm1Hbh</sup>/Mmp14<sup>tm1Hbh</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.