

# Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

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

RRID:MGI:3772048

Type: Organism

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## Proper Citation

RRID:MGI:3772048

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3772048

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

**Species:** Mus musculus

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

**Phenotype:** absent palatine bone, abnormal vomer bone morphology, abnormal skeleton morphology, abnormal parietal bone morphology, palatal shelf hypoplasia, abnormal mandible morphology, abnormal long bone hypertrophic chondrocyte zone, abnormal long bone epiphyseal plate proliferative zone, abnormal compact bone morphology, abnormal chondrocyte morphology, decreased bone ossification, absent bone trabeculae, abnormal Meckel's cartilage morphology, abnormal cartilage morphology, abnormal long bone morphology, abnormal cranium morphology, short snout, short limbs, short humerus, short femur, neonatal lethality, complete penetrance, maxilla hypoplasia, domed cranium, decreased body size, cleft secondary palate, palatal shelves fail to meet at midline, vomer bone hypoplasia, thin neurocranium, abnormal midface morphology, pterygoid bone hypoplasia, frontal bone hypoplasia, nasal bone hypoplasia, parietal bone hypoplasia

**Affected Gene:** Mmp16, Mmp14

**Genomic Alteration:** tm1Hbh, tm1Khol

**Catalog Number:** 3772048

**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>tm1Khol</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>tm1Khol</sup>; Mmp14<sup>tm1Hbh</sup>/Mmp14<sup>tm1Hbh</sup>.

No alerts have been found for Mmp16<sup>tm1Khol</sup>/Mmp16<sup>tm1Khol</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.