

Resource Summary Report

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

[Mmp16^{tm1Khol}/Mmp16^{tm1Khol}](#); [Mmp14^{tm1Hbh}/Mmp14^{tm1Hbh}](#)

RRID:MGI:3772048

Type: Organism

Proper Citation

RRID:MGI:3772048

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^{tm1Khol}/Mmp16^{tm1Khol}; Mmp14^{tm1Hbh}/Mmp14^{tm1Hbh}

Record Creation Time: 20240120T190448+0000

Record Last Update: 20240130T201924+0000

Ratings and Alerts

No rating or validation information has been found for Mmp16^{tm1Khol}/Mmp16^{tm1Khol}; Mmp14^{tm1Hbh}/Mmp14^{tm1Hbh}.

No alerts have been found for Mmp16^{tm1Khol}/Mmp16^{tm1Khol}; Mmp14^{tm1Hbh}/Mmp14^{tm1Hbh}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.