

Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

[Mmp14^{tm1Hbh}/Mmp14^{tm1Hbh}](#)

RRID:MGI:3583010

Type: Organism

Proper Citation

RRID:MGI:3583010

Organism Information

URL:

Proper Citation: RRID:MGI:3583010

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

Species: *Mus musculus*

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

Phenotype: absent sexual maturation, decreased length of long bones, postnatal lethality, incomplete penetrance, premature death, domed cranium, abnormal joint morphology, impaired osteoblast differentiation, abnormal skeleton development, abnormal osteoclast physiology, decreased body size, osteoporosis, abnormal bone ossification, lordosis, kyphosis, abnormal Meckel's cartilage morphology, cachexia, hypoactivity, abnormal cranial suture morphology, abnormal long bone morphology, abnormal skeleton development, abnormal bone remodeling, abnormal cartilage development, abnormal orbit morphology, disproportionate dwarf, short snout, decreased bone mineral density, abnormal osteoclast physiology, abnormal neurocranium morphology, abnormal parietal bone morphology, abnormal interparietal bone morphology, abnormal cranium morphology, decreased body weight, abnormal parietal bone morphology, arthritis, skeletal muscle fibrosis, abnormal long bone epiphyseal plate morphology, abnormal forelimb morphology, skin fibrosis, abnormal trabecular bone morphology, abnormal cartilage morphology, abnormal chondrocyte morphology, delayed bone ossification, abnormal fontanelle morphology, abnormal chondrocyte morphology, focal hair loss, abnormal skeleton physiology

Affected Gene: *Mmp14*

Genomic Alteration: *tm1Hbh*

Catalog Number: 3583010

Background: involves: 129P2/OlaHsd * Black Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23685250](#), [PMID:10520996](#), [PMID:14610065](#)

Organism Name: Mmp14^{tm1Hbh}/Mmp14^{tm1Hbh}

Record Creation Time: 20240120T190626+0000

Record Last Update: 20240130T202020+0000

Ratings and Alerts

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

No alerts have been found for 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.