

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[Mmp13^{tm1Smk}/Mmp13^{tm1Smk}](#)

RRID:MGI:3521933

Type: Organism

Proper Citation

RRID:MGI:3521933

Organism Information

URL:

Proper Citation: RRID:MGI:3521933

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

Species: Mus musculus

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

Phenotype: delayed bone ossification, increased long bone epiphyseal plate size, increased trabecular bone mass, short femur, abnormal long bone hypertrophic chondrocyte zone

Affected Gene: Mmp13

Genomic Alteration: tm1Smk

Catalog Number: 3521933

Background: involves: 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15563592](#)

Organism Name: Mmp13^{tm1Smk}/Mmp13^{tm1Smk}

Record Creation Time: 20240120T190643+0000

Record Last Update: 20240130T202029+0000

Ratings and Alerts

No rating or validation information has been found for Mmp13^{tm1Smk}/Mmp13^{tm1Smk}.

No alerts have been found for Mmp13^{tm1Smk}/Mmp13^{tm1Smk}.

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.