

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 17, 2026

## [Mmp13<sup>tm1Smk</sup>/Mmp13<sup>tm1Smk</sup>](#)

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<sup>tm1Smk</sup>/Mmp13<sup>tm1Smk</sup>

**Record Creation Time:** 20240120T190643+0000

**Record Last Update:** 20240130T202029+0000

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## Ratings and Alerts

No rating or validation information has been found for Mmp13<sup>tm1Smk</sup>/Mmp13<sup>tm1Smk</sup>.

No alerts have been found for Mmp13<sup>tm1Smk</sup>/Mmp13<sup>tm1Smk</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.