

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

[Atf4^{tm1Tow}/Atf4^{tm1Tow}; Hivep3^{tm1Glm}/Hivep3^{tm1Glm}](#)

RRID:MGI:5550513

Type: Organism

Proper Citation

RRID:MGI:5550513

Organism Information

URL:

Proper Citation: RRID:MGI:5550513

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

Species: Mus musculus

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

Phenotype: increased trabecular bone thickness, increased bone ossification, increased bone volume

Affected Gene: Hivep3, Atf4

Genomic Alteration: tm1Tow, tm1Glm

Catalog Number: 5550513

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23945236](#)

Organism Name: Atf4^{tm1Tow}/Atf4^{tm1Tow}; Hivep3^{tm1Glm}/Hivep3^{tm1Glm}

Record Creation Time: 20240120T190055+0000

Record Last Update: 20240130T201711+0000

Ratings and Alerts

No rating or validation information has been found for Atf4^{tm1Tow}/Atf4^{tm1Tow}; Hivep3^{tm1Glm}/Hivep3^{tm1Glm}.

No alerts have been found for Atf4^{tm1Tow}/Atf4^{tm1Tow}; Hivep3^{tm1Glm}/Hivep3^{tm1Glm}.

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.