

Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

[Gnptab^{tm1Kkol}](#)/[Gnptab^{tm1Kkol}](#)

RRID:MGI:5544331

Type: Organism

Proper Citation

RRID:MGI:5544331

Organism Information

URL:

Proper Citation: RRID:MGI:5544331

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

Species: Mus musculus

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

Phenotype: abnormal osteoclast physiology, increased bone resorption, impaired osteoblast differentiation, decreased trabecular bone volume, decreased osteoblast cell number, decreased bone mineral density, decreased bone mass, decreased body size, abnormal chondrocyte morphology, abnormal compact bone morphology, abnormal epiphyseal plate morphology, abnormal long bone diaphysis morphology, short vertebral column, abnormal osteoblast morphology, abnormal skeleton morphology, abnormal skeleton development, abnormal osteocyte morphology, osteoporosis, abnormal lysosome physiology, increased osteoclast cell number

Affected Gene: Gnptab

Genomic Alteration: tm1Kkol

Catalog Number: 5544331

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24127423](#)

Organism Name: Gnptab^{tm1Kkol}/Gnptab^{tm1Kkol}

Record Creation Time: 20240120T190057+0000

Record Last Update: 20240130T201712+0000

Ratings and Alerts

No rating or validation information has been found for Gnptab^{tm1Kkol}/Gnptab^{tm1Kkol}.

No alerts have been found for Gnptab^{tm1Kkol}/Gnptab^{tm1Kkol}.

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.