

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

[Inpp5d^{tm1Rkh}/Inpp5d^{tm1Rkh}](#)

RRID:MGI:5319308

Type: Organism

Proper Citation

RRID:MGI:5319308

Organism Information

URL:

Proper Citation: RRID:MGI:5319308

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

Species: Mus musculus

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

Phenotype: abnormal T cell physiology, abnormal B cell physiology, decreased bone mineral density, abnormal osteoclast differentiation, increased osteoclast cell number, abnormal osteoclast morphology, short femur, abnormal skeleton physiology, abnormal cell-mediated immunity, increased mast cell degranulation, abnormal CD8-positive, alpha-beta T cell physiology, decreased compact bone thickness, abnormal macrophage chemotaxis, decreased trabecular bone volume, abnormal CD4-positive, alpha-beta T cell physiology, decreased trabecular bone thickness, abnormal osteoclast physiology, decreased apoptosis, abnormal trabecular bone morphology, increased circulating interleukin-6 level, abnormal skeleton morphology, abnormal long bone metaphysis morphology, decreased bone trabecula number, abnormal bone marrow cell physiology, pulmonary edema, abnormal bone structure, decreased bone strength, abnormal long bone morphology

Affected Gene: Inpp5d

Genomic Alteration: tm1Rkh

Catalog Number: 5319308

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12161749](#), [PMID:10606629](#), [PMID:15944314](#), [PMID:9736736](#)

Organism Name: Inpp5d^{tm1Rkh}/Inpp5d^{tm1Rkh}

Record Creation Time: 20240120T190149+0000

Record Last Update: 20240130T201743+0000

Ratings and Alerts

No rating or validation information has been found for Inpp5d^{tm1Rkh}/Inpp5d^{tm1Rkh}.

No alerts have been found for Inpp5d^{tm1Rkh}/Inpp5d^{tm1Rkh}.

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.