

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

[Ppib](#)[Gt\(RST139\)Byg](#)/[Ppib](#)[Gt\(RST139\)Byg](#)

RRID:MGI:5698101

Type: Organism

Proper Citation

RRID:MGI:5698101

Organism Information

URL:

Proper Citation: RRID:MGI:5698101

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: decreased femur stiffness, decreased bone trabecula number, increased internal diameter of femur, kyphosis, short limbs, short femur, abnormal bone mineralization, postnatal growth retardation, decreased bone mineral density, decreased bone strength, decreased body weight, osteoporosis, abnormal thoracic cage morphology, abnormal neurocranium morphology, abnormal femur morphology, decreased femur maximal load, postnatal lethality, incomplete penetrance, short tibia, decreased femur yield load, decreased bone mineral density of femur, decreased trabecular bone thickness, decreased femur compact bone thickness, decreased compact bone area, decreased trabecular bone volume, fragile skeleton

Affected Gene: Ppib

Genomic Alteration: Gt(RST139)Byg

Catalog Number: 5698101

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24968150](#)

Organism Name: Ppib^{Gt(RST139)Byg}/Ppib^{Gt(RST139)Byg}

Record Creation Time: 20240120T185931+0000

Record Last Update: 20240130T201619+0000

Ratings and Alerts

No rating or validation information has been found for Ppib^{Gt(RST139)Byg}/Ppib^{Gt(RST139)Byg}.

No alerts have been found for Ppib^{Gt(RST139)Byg}/Ppib^{Gt(RST139)Byg}.

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.