

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

[Phf20](#)[Gt\(XN131\)Byg](#)/[Phf20](#)[Gt\(XN131\)Byg](#)

RRID:MGI:5708600

Type: Organism

Proper Citation

RRID:MGI:5708600

Organism Information

URL:

Proper Citation: RRID:MGI:5708600

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 body weight, decreased double-positive T cell number, decreased bone marrow cell number, fragile skeleton, decreased thymocyte number, decreased total body fat amount, delayed bone ossification, decreased body size, abnormal hematopoietic system morphology/development, small spleen, increased double-negative T cell number, abnormal T cell differentiation, neonatal lethality, incomplete penetrance, intermingled spleen red and white pulp, decreased fetal size, decreased lumbar vertebrae number, thymus hypoplasia, small thymus

Affected Gene: Phf20

Genomic Alteration: Gt(XN131)Byg

Catalog Number: 5708600

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22072714](#)

Organism Name: Phf20^{Gt(XN131)Byg}/Phf20^{Gt(XN131)Byg}

Record Creation Time: 20240120T185924+0000

Record Last Update: 20240130T201615+0000

Ratings and Alerts

No rating or validation information has been found for Phf20^{Gt(XN131)Byg}/Phf20^{Gt(XN131)Byg}.

No alerts have been found for Phf20^{Gt(XN131)Byg}/Phf20^{Gt(XN131)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.