

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Nkx2-3^{tm1Rph}/Nkx2-3^{tm1Rph}](#)

RRID:MGI:3608331

Type: Organism

Proper Citation

RRID:MGI:3608331

Organism Information

URL:

Proper Citation: RRID:MGI:3608331

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

Species: Mus musculus

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

Phenotype: abnormal duodenum morphology, abnormal metallophilic macrophage morphology, steatorrhea, decreased Peyer's patch number, abnormal spleen B cell follicle morphology, abnormal leukocyte migration, increased enterocyte cell number, absent spleen, abnormal mesenteric lymph node morphology, abnormal small intestine morphology, spleen atrophy, decreased CD4-positive, alpha beta T cell number, abnormal small intestinal villus morphology, abnormal intestinal mucosa morphology, increased leukocyte cell number, abnormal jejunum morphology, decreased plasma cell number, diarrhea, abnormal spleen red pulp morphology, absent spleen marginal zone, decreased circulating triglyceride level, small Peyer's patches, postnatal lethality, incomplete penetrance, delayed intestine development, abnormal intestine morphology, abnormal gut-associated lymphoid tissue morphology, abnormal intestinal peristalsis, abnormal jejunum crypts of Lieberkuhn morphology, small cecum, small spleen, abnormal spleen periarteriolar lymphoid sheath morphology

Affected Gene: Nkx2-3

Genomic Alteration: tm1Rph

Catalog Number: 3608331

Background: involves: 129S1/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10926756](#)

Organism Name: Nkx2-3^{tm1Rph}/Nkx2-3^{tm1Rph}

Record Creation Time: 20240120T190614+0000

Record Last Update: 20240130T202054+0000

Ratings and Alerts

No rating or validation information has been found for Nkx2-3^{tm1Rph}/Nkx2-3^{tm1Rph}.

No alerts have been found for Nkx2-3^{tm1Rph}/Nkx2-3^{tm1Rph}.

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.