

# Resource Summary Report

Generated by [ASWG](#) on Aug 6, 2026

## [Nkx2-3<sup>tm1Rph</sup>/Nkx2-3<sup>tm1Rph</sup>](#)

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<sup>tm1Rph</sup>/Nkx2-3<sup>tm1Rph</sup>

**Record Creation Time:** 20240120T190614+0000

**Record Last Update:** 20240130T202054+0000

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## Ratings and Alerts

No rating or validation information has been found for Nkx2-3<sup>tm1Rph</sup>/Nkx2-3<sup>tm1Rph</sup>.

No alerts have been found for Nkx2-3<sup>tm1Rph</sup>/Nkx2-3<sup>tm1Rph</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.