

Resource Summary Report

Generated by [nidm-terms](#) on Aug 3, 2026

[Tk1^{tm1Vnd}](#)/[Tk1^{tm1Vnd}](#)

RRID:MGI:5050828

Type: Organism

Proper Citation

RRID:MGI:5050828

Organism Information

URL:

Proper Citation: RRID:MGI:5050828

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

Species: Mus musculus

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

Phenotype: hemosiderosis, premature death, postnatal lethality, incomplete penetrance, abnormal nephron morphology, abnormal spermatogenesis, abnormal sublingual gland morphology, arteriosclerosis, arteritis, decreased pancreatic islet number, abnormal bronchiole morphology, glomerulosclerosis, abnormal locomotor behavior, hunched posture, liver inflammation, lung inflammation, pancreatic acinar cell zymogen granule accumulation, reduced fertility, abnormal epididymis morphology, abnormal lymph node morphology, spleen hypoplasia, thyroid gland inflammation, small spleen, small pancreas

Affected Gene: Tk1

Genomic Alteration: tm1Vnd

Catalog Number: 5050828

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:12559842](#)

Organism Name: Tk1^{tm1Vnd}/Tk1^{tm1Vnd}

Record Creation Time: 20240120T190217+0000

Record Last Update: 20240130T201800+0000

Ratings and Alerts

No rating or validation information has been found for Tk1^{tm1Vnd}/Tk1^{tm1Vnd}.

No alerts have been found for Tk1^{tm1Vnd}/Tk1^{tm1Vnd}.

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.