

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 26, 2026

[Hnf1a^{tm1Mya}/Hnf1a^{tm1Mya}](#)

RRID:MGI:3610388

Type: Organism

Proper Citation

RRID:MGI:3610388

Organism Information

URL:

Proper Citation: RRID:MGI:3610388

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

Species: Mus musculus

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

Phenotype: abnormal urine homeostasis, increased hepatocyte proliferation, jaundice, aminoaciduria, hepatic steatosis, enlarged liver, polyphagia, decreased body weight, cachexia, oroticaciduria, premature death, decreased body weight, decreased pancreas weight, decreased insulin secretion, small pancreatic islets, increased circulating glucose level, decreased pancreatic beta cell mass, abnormal urine calcium level, abnormal renal glucose reabsorption, abnormal circulating amino acid level, increased liver weight, abnormal stomach glandular epithelium morphology, increased circulating cholesterol level, absent subcutaneous adipose tissue, increased circulating bilirubin level, increased urine uric acid level, argininuria, decreased liver function, increased circulating aspartate transaminase level, prenatal lethality, incomplete penetrance, increased circulating ammonia level, increased circulating alanine transaminase level, postnatal growth retardation, decreased bone mineral density, increased urine phosphate level, increased urine glucose level, muscular atrophy, polyuria, decreased renal glomerular filtration rate, abnormal energy homeostasis, decreased creatinine clearance

Affected Gene: Hnf1a

Genomic Alteration: tm1Mya

Catalog Number: 3610388

Background: involves: 129S2/SvPas

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:8598044](#), [PMID:9593777](#)

Organism Name: Hnf1a^{tm1Mya}/Hnf1a^{tm1Mya}

Record Creation Time: 20240120T190612+0000

Record Last Update: 20240130T202054+0000

Ratings and Alerts

No rating or validation information has been found for Hnf1a^{tm1Mya}/Hnf1a^{tm1Mya}.

No alerts have been found for Hnf1a^{tm1Mya}/Hnf1a^{tm1Mya}.

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.