

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

## [Hnf1a<sup>tm1Mya</sup>/Hnf1a<sup>tm1Mya</sup>](#)

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<sup>tm1Mya</sup>/Hnf1a<sup>tm1Mya</sup>

**Record Creation Time:** 20240120T190612+0000

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

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## Ratings and Alerts

No rating or validation information has been found for Hnf1a<sup>tm1Mya</sup>/Hnf1a<sup>tm1Mya</sup>.

No alerts have been found for Hnf1a<sup>tm1Mya</sup>/Hnf1a<sup>tm1Mya</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.