

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

B6;129X1-Hnf1a^{tm1.1Ylee}/Mmnc

RRID:MMRRC_016820-UNC

Type: Organism

Proper Citation

RRID:MMRRC_016820-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=16820

Proper Citation: RRID:MMRRC_016820-UNC

Description: Mus musculus with name B6;129X1-Hnf1a^{tm1.1Ylee}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Diabetes, Internal/Organ, Metabolism, Models for Human Disease, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal liver morphology [MP:0000598]| enlarged liver [MP:0000599]| abnormal hepatocyte morphology [MP:0000607]| abnormal spermatogenesis [MP:0001156]| decreased body size [MP:0001265]| hyperglycemia [MP:0001559]| increased urine glucose level [MP:0001759]| polyuria [MP:0001762]| infertility [MP:0001924]| abnormal reproductive system morphology [MP:0002160]| abnormal sexual interaction [MP:0002566]| hepatic steatosis [MP:0002628]| decreased circulating insulin level [MP:0002727]| decreased pancreatic beta cell number [MP:0003339]| increased cholesterol level [MP:0003982]| decreased circulating insulin-like growth factor I level [MP:0004701]| increased circulating growth hormone level [MP:0005123]| abnormal pancreatic islet morphology [MP:0005215]| prenatal lethality [MP:0011101]

Affected Gene: Hnf1a

Catalog Number: 016820-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9566924](#)

Alternate IDs: MMRRC_16820-UNC, MMRRC_016820, MMRRC_1682

Organism Name: B6;129X1-*Hnf1a*^{tm1.1Ylee}/Mmnc

Record Creation Time: 20230308T054944+0000

Record Last Update: 20260801T123736+0000

Ratings and Alerts

No rating or validation information has been found for B6;129X1-*Hnf1a*^{tm1.1Ylee}/Mmnc.

No alerts have been found for B6;129X1-*Hnf1a*^{tm1.1Ylee}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.