

Resource Summary Report

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

STOCK *Pdx1^{tm2Cvw}/Mmnc*

RRID:MMRRC_000434-UNC

Type: Organism

Proper Citation

RRID:MMRRC_000434-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=434

Proper Citation: RRID:MMRRC_000434-UNC

Description: Mus musculus with name STOCK *Pdx1^{tm2Cvw}/Mmnc* from MMRRC.

Species: Mus musculus

Notes: Research areas: Diabetes, Endocrine Deficiency; Mutation Type: Targeted Mutation ; Collection: BCBC-Beta Cell Biology Consortium

Phenotype: sparse hair [MP:0000416] abnormal stomach morphology [MP:0000470] abnormal foregut morphology [MP:0000474] abnormal intestine morphology [MP:0000477] abnormal small intestine morphology [MP:0000496] abnormal liver development [MP:0000596] thin skin [MP:0001199] decreased body weight [MP:0001262] dehydration [MP:0001429] postnatal growth retardation [MP:0001732] increased glucagon secretion [MP:0002710] decreased circulating insulin level [MP:0002727] abnormal bile duct development [MP:0002929] decreased insulin secretion [MP:0003059] abnormal duodenum morphology [MP:0003271] exocrine pancreatic insufficiency [MP:0003335] abnormal pancreatic beta cell physiology [MP:0003562] absent pancreas [MP:0003655] abnormal pancreas development [MP:0003934] abnormal enteroendocrine cell morphology [MP:0004141] abnormal pancreatic islet morphology [MP:0005215] impaired glucose tolerance [MP:0005293] pancreatic islet hyperplasia [MP:0005491] increased circulating glucose level [MP:0005559] abnormal mitochondrial physiology [MP:0006036] abnormal pancreatic duct morphology [MP:0009143] abnormal pancreatic acinar cell morphology [MP:0009146] abnormal pancreatic beta cell differentiation [MP:0009175] distended stomach [MP:0009511] abnormal pyloric sphincter morphology [MP:0009861] abnormal stomach pyloric region morphology [MP:0010785] abnormal stomach enteroendocrine cell morphology [MP:0010803] abnormal tricarboxylic acid cycle [MP:0010958] postnatal lethality [MP:0011085] complete penetrance [MP:0014125]

Affected Gene: *Pdx1*

Catalog Number: 000434-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:8631275](#)

Alternate IDs: MMRRC_434-UNC, MMRRC_000434, MMRRC_434

Organism Name: STOCK *Pdx1^{tm2Cvw}/Mmnc*

Record Creation Time: 20230308T054752+0000

Record Last Update: 20260801T123206+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Pdx1^{tm2Cvw}/Mmnc*.

No alerts have been found for STOCK *Pdx1^{tm2Cvw}/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.