

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

STOCK *Onecut1*^{tm1.1Mga}/Mmnc

RRID:MMRRC_029869-UNC

Type: Organism

Proper Citation

RRID:MMRRC_029869-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=29869

Proper Citation: RRID:MMRRC_029869-UNC

Description: Mus musculus with name STOCK *Onecut1*^{tm1.1Mga}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Cell Biology, Developmental Biology, Diabetes, Endocrine Deficiency, Models for Human Disease, Neurobiology, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: pancreas inflammation [MP:0001869]| hemorrhage [MP:0001914]| abnormal pancreas morphology [MP:0001944]| abnormal glucose homeostasis [MP:0002078]| abnormal pancreas physiology [MP:0002693]| pancreas fibrosis [MP:0003334]| pancreas cysts [MP:0003336]| decreased pancreatic beta cell number [MP:0003339]| increased circulating glucose level [MP:0005559]| abnormal pancreatic duct morphology [MP:0009143]| dilated pancreatic duct [MP:0009144]| abnormal pancreatic acinus morphology [MP:0009145]| decreased pancreatic acinar cell number [MP:0009149]| exocrine pancreas atrophy [MP:0009164]| absent pancreatic islets [MP:0009173]| decreased pancreatic alpha cell number [MP:0009177]| abnormal branching involved in pancreas development [MP:0011934]| pancreatic acinar-to-ductal metaplasia [MP:0013221]| calcified pancreas [MP:0014108]

Affected Gene: *Onecut1*

Catalog Number: 029869-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:19766716](#)

Alternate IDs: MMRRC_29869-UNC, MMRRC_029869, MMRRC_29869

Organism Name: STOCK *Onecut1^{tm1.1Mga}/Mmnc*

Record Creation Time: 20230308T055117+0000

Record Last Update: 20260801T124204+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Onecut1^{tm1.1Mga}/Mmnc*.

No alerts have been found for STOCK *Onecut1^{tm1.1Mga}/Mmnc*.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Hunter AL, et al. (2022) HNF4A modulates glucocorticoid action in the liver. Cell reports, 39(3), 110697.