Resource Summary Report

Generated by NIF on Aug 9, 2026

B6.129S-*Neurog3*$^{tm1(EGFP)Khk}$/Mmucd

RRID:MMRRC_000344-UCD
Type: Organism

Proper Citation

RRID:MMRRC_000344-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=344

Proper Citation: RRID:MMRRC_000344-UCD

Description: Mus musculus with name B6.129S-*Neurog3*$^{tm1(EGFP)Khk}$/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: small stomach [MP:0002691]| disorganized stomach mucosa [MP:0005210]| increased stomach mucosa thickness [MP:0005211]| regional gastric metaplasia [MP:0005214]| abnormal pancreatic alpha cell morphology [MP:0005216]| abnormal pancreatic beta cell morphology [MP:0005217]| abnormal pancreatic delta cell morphology [MP:0005218]

Affected Gene: Neurog3

Catalog Number: 000344-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:12080087

Alternate IDs: MMRRC_344-UCD, MMRRC_000344, MMRRC_344

Organism Name: B6.129S-*Neurog3*$^{tm1(EGFP)Khk}$/Mmucd

Record Creation Time: 20230308T054752+0000

Record Last Update: 20260808T123108+0000

Ratings and Alerts

- Used for humanized mouse by the Human Islet Research Network community. Contact(s): Mark Huising, Sangeeta Dhawan - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for B6.129S-*Neurog3*$^{tm1(EGFP)Khk}$/Mmucd.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Gribben C, et al. (2021) Ductal Ngn3-expressing progenitors contribute to adult ?? cell neogenesis in the pancreas. Cell stem cell, 28(11), 2000.

Sharon N, et al. (2019) A Peninsular Structure Coordinates Asynchronous Differentiation with Morphogenesis to Generate Pancreatic Islets. Cell, 176(4), 790.