

# Resource Summary Report

Generated by [kravitz2](#) on Aug 1, 2026

## B6.FVB(Cg)-Tg(Neurog3-cre)C1Able/J

RRID:IMSR\_JAX:006333

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:006333

### Organism Information

**URL:** <https://www.jax.org/strain/006333>

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**Description:** Mus musculus with name B6.FVB(Cg)-Tg(Neurog3-cre)C1Able/J from IMSR.

**Species:** Mus musculus

**Synonyms:** B6.FVB(CD1)-Tg(Neurog3-cre)C1Able/J

**Notes:** gene symbol note: transgene insertion C1; Andrew B Leiter|neurogenin 3|; mutant strain|congenic strain: Tg(Neurog3-cre)C1Able|Neurog3|

**Affected Gene:** transgene insertion C1; Andrew B Leiter|neurogenin 3|

**Genomic Alteration:** transgene insertion C1; Andrew B Leiter

**Catalog Number:** JAX:006333

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.FVB(Cg)-Tg(Neurog3-cre)C1Able/J

**Record Creation Time:** 20250513T053656+0000

**Record Last Update:** 20260801T050358+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.FVB(Cg)-Tg(Neurog3-cre)C1Able/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Tixi W, et al. (2023) Coordination between ECM and cell-cell adhesion regulates the development of islet aggregation, architecture, and functional maturation. eLife, 12.

Liu R, et al. (2021) YTHDC2 is essential for pachytene progression and prevents aberrant microtubule-driven telomere clustering in male meiosis. Cell reports, 37(11), 110110.

Zhao M, et al. (2020) Protein O-GlcNAc Modification Links Dietary and Gut Microbial Cues to the Differentiation of Enteroendocrine L Cells. Cell reports, 32(6), 108013.

Serafimidis I, et al. (2011) G protein-coupled receptor signaling and sphingosine-1-phosphate play a phylogenetically conserved role in endocrine pancreas morphogenesis. Molecular and cellular biology, 31(22), 4442.