

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

[Tg\(Neurog3-cre\)C1Able; Tg\(RNU6-EGFP/-RNAi:Dpp7\)#Bhub](#)

RRID:MGI:4438946

Type: Organism

Proper Citation

RRID:MGI:4438946

Organism Information

URL:

Proper Citation: RRID:MGI:4438946

Description: Allele Detail: Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Transgenic This is a legacy resource.

Phenotype: hepatic steatosis, hyperglycemia, increased liver weight, impaired glucose tolerance, increased abdominal fat pad weight, insulin resistance, increased circulating insulin level, endocrine/exocrine gland phenotype, increased percent body fat/body weight, increased epididymal fat pad weight, increased circulating glucose level, abnormal eating behavior

Genomic Alteration: Tg(RNU6-EGFP, -RNAi:Dpp7)#Bhub, Tg(Neurog3-cre)C1Able

Catalog Number: 4438946

Background: involves: 129 * C57BL/6 * CD-1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19819973](#)

Organism Name: Tg(Neurog3-cre)C1Able; Tg(RNU6-EGFP/-RNAi:Dpp7)#Bhub

Record Creation Time: 20240120T190303+0000

Record Last Update: 20240130T201824+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Neurog3-cre)C1Able; Tg(RNU6-EGFP/-RNAi:Dpp7)#Bhub.

No alerts have been found for Tg(Neurog3-cre)C1Able; Tg(RNU6-EGFP/-RNAi:Dpp7)#Bhub.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Pushpalatha KV, et al. (2022) RNP components condense into repressive RNP granules in the aging brain. Nature communications, 13(1), 2782.

Chang WF, et al. (2020) Survival Motor Neuron Protein Participates in Mouse Germ Cell Development and Spermatogonium Maintenance. International journal of molecular sciences, 21(3).