

Resource Summary Report

Generated by T1D on Sep 21, 2026

C57BL/6J-Tg(hIns-NCX1.3)1/Rbrc

RRID:IMSR_RBRC05827

Type: Organism

Proper Citation

RRID:IMSR_RBRC05827

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05827>

Proper Citation: RRID:IMSR_RBRC05827

Description: Mus musculus with name C57BL/6J-Tg(hIns-NCX1.3)1/Rbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(INS-SLC8A1_i3)1Twmt/TwmtRbrc

Notes: gene symbol note: solute carrier family 8 (sodium/calcium exchanger); member 1|transgene insertion 1|insulin; mutant strain: SLC8A1|Tg(hIns-NCX1.3)1|INS

Affected Gene: solute carrier family 8 (sodium/calcium exchanger); member 1|transgene insertion 1|insulin

Genomic Alteration: solute carrier family 8 (sodium/calcium exchanger); member 1|transgene insertion 1|insulin

Catalog Number: RBRC05827

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6J-Tg(hIns-NCX1.3)1/Rbrc

Record Creation Time: 20250513T061505+0000

Record Last Update: 20260919T063226+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(hIns-NCX1.3)1/Rbrc.

No alerts have been found for C57BL/6J-Tg(hIns-NCX1.3)1/Rbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We have not found any literature mentions for this resource.