

# Resource Summary Report

Generated by [kravitz2](#) on Sep 18, 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:** 20260912T064325+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.

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## Data and Source Information

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

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.