

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

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

RRID:IMSR_RBRC04357

Type: Organism

Proper Citation

RRID:IMSR_RBRC04357

Organism Information

URL: <https://brc.riken.jp/mus/RBRC04357>

Proper Citation: RRID:IMSR_RBRC04357

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

Species: Mus musculus

Synonyms: C57BL/6J-Tg(ACTA2-SLC8A1_i3)1Twmt/TwmtRbrc

Notes: gene symbol note: transgene insertion 1|smooth muscle apla-actin|solute carrier family 8 (sodium/calcium exchanger); member 1; coisogenic strain|mutant strain: Tg(hSMA-NCX1.3)1|SMA|Slc8a1

Affected Gene: transgene insertion 1|smooth muscle apla-actin|solute carrier family 8 (sodium/calcium exchanger); member 1

Genomic Alteration: transgene insertion 1|smooth muscle alpha-actin|solute carrier family 8 (sodium/calcium exchanger); member 1

Catalog Number: RBRC04357

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

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

Record Creation Time: 20250513T061455+0000

Record Last Update: 20260905T052428+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6J-Tg(hSMA-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.