

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

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

RRID:IMSR_RBRC05826

Type: Organism

Proper Citation

RRID:IMSR_RBRC05826

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05826>

Proper Citation: RRID:IMSR_RBRC05826

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

Species: Mus musculus

Synonyms: C57BL/6J-Tg(ACTA2-SLC8A1_i3*)SA1Twmt/TwmtRbrc

Notes: gene symbol note: solute carrier family 8 (sodium/calcium exchanger); member 1|smooth muscle alpha-actin|transgene insertion 1; mutant strain: SLC8A1|SMA|Tg(hSMA-NCX1.3*SA)1

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

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

Catalog Number: RBRC05826

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

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

No alerts have been found for C57BL/6J-Tg(hSMA-NCX1.3*SA)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.