

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

C57BL/6J-Tg(hSMA-NCX1DN*trun)2/Rbrc

RRID:IMSR_RBRC05823

Type: Organism

Proper Citation

RRID:IMSR_RBRC05823

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05823>

Proper Citation: RRID:IMSR_RBRC05823

Description: Mus musculus with name C57BL/6J-Tg(hSMA-NCX1DN*trun)2/Rbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(ACTA2-SLC8A1*)DN2Twmt/TwmtRbrc

Notes: gene symbol note: solute carrier family 8 (sodium/calcium exchanger); member 1|transgene insertion 2|smooth muscle alpha-actin; mutant strain: SLC8A1|Tg(hSMA-NCX1DN*trun)2|SMA

Affected Gene: solute carrier family 8 (sodium/calcium exchanger); member 1|transgene insertion 2|smooth muscle alpha-actin

Genomic Alteration: solute carrier family 8 (sodium/calcium exchanger); member 1|transgene insertion 2|smooth muscle alpha-actin

Catalog Number: RBRC05823

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6J-Tg(hSMA-NCX1DN*trun)2/Rbrc

Record Creation Time: 20250513T061505+0000

Record Last Update: 20260808T054853+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(hSMA-NCX1DN*trun)2/Rbrc.

No alerts have been found for C57BL/6J-Tg(hSMA-NCX1DN*trun)2/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.