

# Resource Summary Report

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

## C57BL/6J-Tg(hSMA-TRPC3DN)1/Rbrc

RRID:IMSR\_RBRC04359

Type: Organism

### Proper Citation

RRID:IMSR\_RBRC04359

### Organism Information

**URL:** <https://brc.riken.jp/mus/RBRC04359>

**Proper Citation:** RRID:IMSR\_RBRC04359

**Description:** Mus musculus with name C57BL/6J-Tg(hSMA-TRPC3DN)1/Rbrc from IMSR.

**Species:** Mus musculus

**Synonyms:** C57BL/6J-Tg(ACTA2-Trpc3\*)DN1Twmt/TwmtRbrc

**Notes:** gene symbol note: transient receptor potential cation channel; subfamily C; member 3|smooth muscle apla-actin|transgene insertion 1; coisogenic strain|mutant strain: Trpc3|SMA|Tg(hSMA-TRPC3DN)1

**Affected Gene:** transient receptor potential cation channel; subfamily C; member 3|smooth muscle apla-actin|transgene insertion 1

**Genomic Alteration:** transient receptor potential cation channel; subfamily C; member 3|smooth muscle alpha-actin|transgene insertion 1

**Catalog Number:** RBRC04359

**Database:** RIKEN BioResource Research Center

**Database Abbreviation:** RBRC

**Availability:** embryo

**Organism Name:** C57BL/6J-Tg(hSMA-TRPC3DN)1/Rbrc

**Record Creation Time:** 20250513T061455+0000

**Record Last Update:** 20260905T052428+0000

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## Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(hSMA-TRPC3DN)1/Rbrc.

No alerts have been found for C57BL/6J-Tg(hSMA-TRPC3DN)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.