

Resource Summary Report

Generated by T1D on Sep 19, 2026

C57BL/6J-Tg(hSMA-TRPC6)1/Rbrc

RRID:IMSR_RBRC04360

Type: Organism

Proper Citation

RRID:IMSR_RBRC04360

Organism Information

URL: <https://brc.riken.jp/mus/RBRC04360>

Proper Citation: RRID:IMSR_RBRC04360

Description: Mus musculus with name C57BL/6J-Tg(hSMA-TRPC6)1/Rbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(ACTA2-Trpc6*)DN1Twmt/TwmtRbrc

Notes: gene symbol note: transient receptor potential cation channel; subfamily C; member 6|smooth muscle apla-actin|transgene insertion 1; coisogenic strain|mutant strain: Trpc6|SMA|Tg(hSMA-TRPC6)1

Affected Gene: transient receptor potential cation channel; subfamily C; member 6|smooth muscle apla-actin|transgene insertion 1

Genomic Alteration: transient receptor potential cation channel; subfamily C; member 6|smooth muscle alpha-actin|transgene insertion 1

Catalog Number: RBRC04360

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6J-Tg(hSMA-TRPC6)1/Rbrc

Record Creation Time: 20250513T061456+0000

Record Last Update: 20260919T063216+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(hSMA-TRPC6)1/Rbrc.

No alerts have been found for C57BL/6J-Tg(hSMA-TRPC6)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.