

Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

C57BL/6J-Tg(hSMA-MgT1)1/Rbrc

RRID:IMSR_RBRC05828

Type: Organism

Proper Citation

RRID:IMSR_RBRC05828

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05828>

Proper Citation: RRID:IMSR_RBRC05828

Description: Mus musculus with name C57BL/6J-Tg(hSMA-MgT1)1/Rbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(ACTA2-Magt1)1Twmt/TwmtRbrc

Notes: gene symbol note: magnesium transporter 1|transgene insertion 1|smooth muscle alpha-actin; mutant strain: Magt1|Tg(hSMA-MgT1)1|SMA

Affected Gene: magnesium transporter 1|transgene insertion 1|smooth muscle alpha-actin

Genomic Alteration: magnesium transporter protein 1 precursor|transgene insertion 1|smooth muscle alpha-actin

Catalog Number: RBRC05828

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6J-Tg(hSMA-MgT1)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-MgT1)1/Rbrc.

No alerts have been found for C57BL/6J-Tg(hSMA-MgT1)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.