

Resource Summary Report

Generated by [ASWG](#) on Sep 1, 2026

C57BL/6-Tg(Camk2a-RAP2A*G12V)1Shng/J

RRID:IMSR_JAX:008107

Type: Organism

Proper Citation

RRID:IMSR_JAX:008107

Organism Information

URL: <https://www.jax.org/strain/008107>

Proper Citation: RRID:IMSR_JAX:008107

Description: Mus musculus with name C57BL/6-Tg(Camk2a-RAP2A*G12V)1Shng/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: calcium/calmodulin-dependent protein kinase II alpha|transgene insertion 1; Morgan Sheng|RAP2A; member of RAS oncogene family; coisogenic strain|mutant strain: Camk2a|Tg(Camk2a-RAP2A*G12V)1Shng|RAP2A

Affected Gene: calcium/calmodulin-dependent protein kinase II alpha|transgene insertion 1; Morgan Sheng|RAP2A; member of RAS oncogene family

Genomic Alteration: transgene insertion 1; Morgan Sheng

Catalog Number: JAX:008107

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(Camk2a-RAP2A*G12V)1Shng/J

Record Creation Time: 20250513T053706+0000

Record Last Update: 20260829T044959+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Camk2a-RAP2A*G12V)1Shng/J.

No alerts have been found for C57BL/6-Tg(Camk2a-RAP2A*G12V)1Shng/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We have not found any literature mentions for this resource.