

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

STOCK Tg(CAG-mKate2)1Poche/J

RRID:IMSR_JAX:032188

Type: Organism

Proper Citation

RRID:IMSR_JAX:032188

Organism Information

URL: <https://www.jax.org/strain/032188>

Proper Citation: RRID:IMSR_JAX:032188

Description: Mus musculus with name STOCK Tg(CAG-mKate2)1Poche/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 1; Ross Poche|; mutant stock: Tg(CAG-mKate2)1Poche|

Affected Gene: transgene insertion 1; Ross Poche|

Genomic Alteration: transgene insertion 1; Ross Poche

Catalog Number: JAX:032188

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: STOCK Tg(CAG-mKate2)1Poche/J

Record Creation Time: 20250513T053827+0000

Record Last Update: 20260725T044526+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(CAG-mKate2)1Poche/J.

No alerts have been found for STOCK Tg(CAG-mKate2)1Poche/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Novak J, et al. (2025) The adaptor protein Miro1 modulates horizontal transfer of mitochondria in mouse melanoma models. Cell reports, 44(1), 115154.

Kidwell CU, et al. (2023) Transferred mitochondria accumulate reactive oxygen species, promoting proliferation. eLife, 12.

Louwagie EJ, et al. (2021) Mitochondrial Transfer Improves Cardiomyocyte Bioenergetics and Viability in Male Rats Exposed to Pregestational Diabetes. International journal of molecular sciences, 22(5).