

Resource Summary Report

Generated by [kravitz2](#) on Sep 17, 2026

C57BL/6J-Tg(3xARE/TK-NRF2/luc)M2Tiw/TiwRbrc

RRID:IMSR_RBRC05704

Type: Organism

Proper Citation

RRID:IMSR_RBRC05704

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05704>

Proper Citation: RRID:IMSR_RBRC05704

Description: Mus musculus with name C57BL/6J-Tg(3xARE/TK-NRF2/luc)M2Tiw/TiwRbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(Gsta1-NRF2/luc)M2Tiw/TiwRbrc. C57BL/6J-Tg(Gsta1-NFE2L2/luc)M2Tiw/TiwRbrc

Notes: gene symbol note: luciferase|antioxidant/electrophile responsive element|nuclear factor; erythroid derived 2; like 2 (human)|transgene insertion M2; Takao Iwawaki; mutant strain: luc|ARE|NFE2I2|Tg(3xARE/TK-NRF2/luc)M2Tiw

Affected Gene: luciferase|antioxidant/electrophile responsive element|nuclear factor; erythroid derived 2; like 2 (human)|transgene insertion M2; Takao Iwawaki

Genomic Alteration: luciferase|antioxidant/electrophile responsive element|nuclear factor; erythroid derived 2; like 2 (human)|transgene insertion M2; Takao Iwawaki

Catalog Number: RBRC05704

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6J-Tg(3xARE/TK-NRF2/luc)M2Tiw/TiwRbrc

Record Creation Time: 20250513T061504+0000

Record Last Update: 20260912T064324+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(3xARE/TK-NRF2/luc)M2Tiw/TiwRbrc.

No alerts have been found for C57BL/6J-Tg(3xARE/TK-NRF2/luc)M2Tiw/TiwRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Forootan SS, et al. (2017) Real-time in vivo imaging reveals localised Nrf2 stress responses associated with direct and metabolism-dependent drug toxicity. Scientific reports, 7(1), 16084.