

Resource Summary Report

Generated by [ASWG](#) on Jul 30, 2026

C57BL/6J-Tg(Thy1-G-CaMP7.-DsRed2)492Bsi/BsiRbrc

RRID:IMSR_RBRC06579

Type: Organism

Proper Citation

RRID:IMSR_RBRC06579

Organism Information

URL: <https://brc.riken.jp/mus/RBRC06579>

Proper Citation: RRID:IMSR_RBRC06579

Description: Mus musculus with name C57BL/6J-Tg(Thy1-G-CaMP7.-DsRed2)492Bsi/BsiRbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tg(Thy1-GCaMP7.-DsRed2)492Bsi/BsiRbrc

Notes: gene symbol note: thymus cell antigen 1; theta|G-CaMP7|transgene insertion 492; RIKEN Brain Science Institute|Red Fluorescent Protein; mutant strain: Thy1|G-CaMP7|Tg(Thy1-G-CaMP7;-DsRed2)492Bsi|DsRed2

Affected Gene: thymus cell antigen 1; theta|G-CaMP7|transgene insertion 492; RIKEN Brain Science Institute|Red Fluorescent Protein

Genomic Alteration: thymus cell antigen 1; theta|G-CaMP7|transgene insertion 492; RIKEN Brain Science Institute|Red Fluorescent Protein

Catalog Number: RBRC06579

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6J-Tg(Thy1-G-CaMP7.-DsRed2)492Bsi/BsiRbrc

Record Creation Time: 20250513T061512+0000

Record Last Update: 20260725T052156+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(Thy1-G-CaMP7.-DsRed2)492Bsi/BsiRbrc.

No alerts have been found for C57BL/6J-Tg(Thy1-G-CaMP7.-DsRed2)492Bsi/BsiRbrc.

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 [ASWG](#) .

Esparza J, et al. (2025) Cell-type-specific manifold analysis discloses independent geometric transformations in the hippocampal spatial code. Neuron, 113(7), 1098.