

# Resource Summary Report

Generated by [kravitz2](#) on Sep 16, 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|transgene insertion 492; RIKEN Brain Science Institute|G-CaMP7|Red Fluorescent Protein; mutant strain: Thy1|Tg(Thy1-G-CaMP7;-DsRed2)492Bsi|G-CaMP7|DsRed2

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

**Genomic Alteration:** thymus cell antigen 1; theta|transgene insertion 492; RIKEN Brain Science Institute|G-CaMP7|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:** 20260912T064332+0000

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## 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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