

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

B6.Cg-Tg(FucciS/G2/M)#504Bsi Tg(FucciG1)#596Bsi/Rbrc

RRID:IMSR_RBRC02892

Type: Organism

Proper Citation

RRID:IMSR_RBRC02892

Organism Information

URL: <https://brc.riken.jp/mus/RBRC02892>

Proper Citation: RRID:IMSR_RBRC02892

Description: Mus musculus with name B6.Cg-Tg(FucciS/G2/M)#504Bsi Tg(FucciG1)#596Bsi/Rbrc from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(CAG-mAG/GMNN)504Amiy Tg(CAG-mKO2/CDT1)596Amiy/Rbrc

Notes: gene symbol note: monomeric Kusabira-Orange2|monomeric Azami-Green1||geminin|transgene insertion 596; RIKEN BSI|chromatin licensing and DNA replication factor|transgene insertion 504; RIKEN BSI; mutant strain: mKO2|mAG1||GMNN|Tg(FucciG1)596Bsi|CDT1|Tg(FucciS/G2/M)504Bsi

Affected Gene: monomeric Kusabira-Orange2|monomeric Azami-Green1||geminin|transgene insertion 596; RIKEN BSI|chromatin licensing and DNA replication factor|transgene insertion 504; RIKEN BSI

Genomic Alteration: monomeric Kusabira-Orange2|monomeric Azami-Green1||geminin|transgene insertion 596; Atsushi Miyawaki|chromatin licensing and DNA replication factor|transgene insertion 504; Atsushi Miyawaki

Catalog Number: RBRC02892

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.Cg-Tg(FucciS/G2/M)#504Bsi Tg(FucciG1)#596Bsi/Rbrc

Record Creation Time: 20250513T061448+0000

Record Last Update: 20260912T064307+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(FucciS/G2/M)#504Bsi Tg(FucciG1)#596Bsi/Rbrc.

No alerts have been found for B6.Cg-Tg(FucciS/G2/M)#504Bsi Tg(FucciG1)#596Bsi/Rbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Drekolia MK, et al. (2026) Cystine import and oxidative catabolism fuel vascular growth and repair via nutrient-responsive histone acetylation. *Cell metabolism*, 38(1), 115.

Biggs LC, et al. (2018) Hair follicle dermal condensation forms via Fgf20 primed cell cycle exit, cell motility, and aggregation. *eLife*, 7.

Roediger B, et al. (2018) An Atypical Parvovirus Drives Chronic Tubulointerstitial Nephropathy and Kidney Fibrosis. *Cell*, 175(2), 530.

Takata K, et al. (2017) Induced-Pluripotent-Stem-Cell-Derived Primitive Macrophages Provide a Platform for Modeling Tissue-Resident Macrophage Differentiation and Function. *Immunity*, 47(1), 183.