

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

B6.Cg-Tg(FucciG1)#639Bsi/BsiRbrc

RRID:IMSR_RBRC02709

Type: Organism

Proper Citation

RRID:IMSR_RBRC02709

Organism Information

URL: <https://brc.riken.jp/mus/RBRC02709>

Proper Citation: RRID:IMSR_RBRC02709

Description: Mus musculus with name B6.Cg-Tg(FucciG1)#639Bsi/BsiRbrc from IMSR.

Species: Mus musculus

Synonyms: B6N.Cg-Tg(CAG-mKO2/CDT1)639Bsi/BsiRbrc

Notes: gene symbol note: |chromatin licensing and DNA replication factor|monomeric Kusabira-Orange2|transgene insertion 639; RIKEN BSI; mutant strain: |CDT1|mKO2|Tg(FucciG1)639Bsi

Affected Gene: |chromatin licensing and DNA replication factor|monomeric Kusabira-Orange2|transgene insertion 639; RIKEN BSI

Genomic Alteration: |chromatin licensing and DNA replication factor|monomeric Kusabira-Orange2|transgene insertion 639; RIKEN BSI

Catalog Number: RBRC02709

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.Cg-Tg(FucciG1)#639Bsi/BsiRbrc

Record Creation Time: 20250513T061447+0000

Record Last Update: 20260905T052418+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(FucciG1)#639Bsi/BsiRbrc.

No alerts have been found for B6.Cg-Tg(FucciG1)#639Bsi/BsiRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Van Der Byl W, et al. (2024) The CD8+ T cell tolerance checkpoint triggers a distinct differentiation state defined by protein translation defects. Immunity, 57(6), 1324.

Sutherland RM, et al. (2017) Cognate antigen engagement on parenchymal cells stimulates CD8+ T cell proliferation in situ. Nature communications, 8, 14809.