

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

B6D2-Tg(CAG/Su9-DsRed2.Acr3-EGFP)RBGS002Osb/OsbRbrc

RRID:IMSR_RBRC03743

Type: Organism

Proper Citation

RRID:IMSR_RBRC03743

Organism Information

URL: <https://brc.riken.jp/mus/RBRC03743>

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Description: Mus musculus with name B6D2-Tg(CAG/Su9-DsRed2.Acr3-EGFP)RBGS002Osb/OsbRbrc from IMSR.

Species: Mus musculus

Synonyms: B6;D2-Tg(CAG-RFP.Acr-EGFP)RBGS002Osb/OsbRbrc. RBGS mice

Notes: gene symbol note: |mitochondria localization signal|acrosin prepropeptide|transgene insertion RBGS002; Research Institute for Microbial Diseases; Osaka University|Red Fluorescent Protein; noninbred stock|mutant stock: |su9|Acr|Tg(CAG/Su9-DsRed2;Acr3-EGFP)RBGS002Osb|DsRed2

Affected Gene: |mitochondria localization signal|acrosin prepropeptide|transgene insertion RBGS002; Research Institute for Microbial Diseases; Osaka University|Red Fluorescent Protein

Genomic Alteration: |mitochondria localization signal|preproacrosin|transgene insertion RBGS002; Research Institute for Microbial Diseases; Osaka University|Red Fluorescent Protein

Catalog Number: RBRC03743

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6D2-Tg(CAG/Su9-DsRed2.Acr3-EGFP)RBGS002Osb/OsbRbrc

Record Creation Time: 20250513T061454+0000

Record Last Update: 20260912T064312+0000

Ratings and Alerts

No rating or validation information has been found for B6D2-Tg(CAG/Su9-DsRed2.Acr3-EGFP)RBGS002Osb/OsbRbrc.

No alerts have been found for B6D2-Tg(CAG/Su9-DsRed2.Acr3-EGFP)RBGS002Osb/OsbRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Shimada K, et al. (2024) Disruption of testis-enriched cytochrome c oxidase subunit COX6B2 but not COX8C leads to subfertility. *Experimental animals*, 73(1), 1.

Liu K, et al. (2022) Evaluating mitophagy in embryonic stem cells by using fluorescence-based imaging. *Frontiers in cell and developmental biology*, 10, 910464.

Ded L, et al. (2020) 3D in situ imaging of the female reproductive tract reveals molecular signatures of fertilizing spermatozoa in mice. *eLife*, 9.