

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

C57BL/6J-Tg(Drd2-YFP)364-5Koba/KobaRbrc

RRID:IMSR_RBRC02332

Type: Organism

Proper Citation

RRID:IMSR_RBRC02332

Organism Information

URL: <https://brc.riken.jp/mus/RBRC02332>

Proper Citation: RRID:IMSR_RBRC02332

Description: Mus musculus with name C57BL/6J-Tg(Drd2-YFP)364-5Koba/KobaRbrc from IMSR.

Species: Mus musculus

Synonyms: C57BL/6JJcl-Tg(Drd2-Venus)364-5Koba/KobaRbrc

Notes: gene symbol note: dopamine receptor D2|transgene insertion 364-1; Kazuto Kobayashi|; coisogenic strain|mutant strain: Drd2|Tg(Drd2-YFP)364-5Koba|

Affected Gene: dopamine receptor D2|transgene insertion 364-1; Kazuto Kobayashi|

Genomic Alteration: dopamine receptor 2|transgene insertion 364-1; Kazuto Kobayashi|

Catalog Number: RBRC02332

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6J-Tg(Drd2-YFP)364-5Koba/KobaRbrc

Record Creation Time: 20250513T061444+0000

Record Last Update: 20260829T053519+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(Drd2-YFP)364-5Koba/KobaRbrc.

No alerts have been found for C57BL/6J-Tg(Drd2-YFP)364-5Koba/KobaRbrc.

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](#) .

Funahashi Y, et al. (2024) Signal flow in the NMDA receptor-dependent phosphoproteome regulates postsynaptic plasticity for aversive learning. Science signaling, 17(853), eado9852.

Yamahashi Y, et al. (2022) Phosphoproteomic of the acetylcholine pathway enables discovery of the PKC-??-PIX-Rac1-PAK cascade as a stimulatory signal for aversive learning. Molecular psychiatry, 27(8), 3479.

Funahashi Y, et al. (2019) Phosphorylation of Npas4 by MAPK Regulates Reward-Related Gene Expression and Behaviors. Cell reports, 29(10), 3235.