

Resource Summary Report

Generated by T1D on Sep 17, 2026

SD-Tg(Dsp-mCherry-DTR)Jfln

RRID:RGD_8552244

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=8552244>

Proper Citation: RRID:RGD_8552244

Description: Rattus norvegicus with name SD-Tg(Dsp-mCherry-DTR)Jfln from RGD.

Species: Rattus norvegicus

Notes: This rat carries a transgene consisting of the Dsp promoter followed by a STOP cassette flanked by FRT sites. The stop cassette consists of an mcherry gene encoding for a red fluorescent protein and a kanamycin resistant gene and three SV40polyA adenylation signals. The STOP cassette is followed by a gene encoding for the human diphtheria toxin receptor. Red fluorescence can be detected from the skin of the animals but not the brain. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 8552244

Background: transgenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm

Alternate IDs: 8552244

Organism Name: SD-Tg(Dsp-mCherry-DTR)Jfln

Record Creation Time: 20230509T191945+0000

Record Last Update: 20260912T202530+0000

Ratings and Alerts

No rating or validation information has been found for SD-Tg(Dsp-mCherry-DTR)Jfln.

No alerts have been found for SD-Tg(Dsp-mCherry-DTR)Jfln.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.