

Resource Summary Report

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

SD-Tg(Oprm1-icre)1Ottc

RRID:RRRC_00975

Type: Organism

Proper Citation

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Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=155641245

Proper Citation: RRID:RRRC_00975

Description: Rattus norvegicus with name SD-Tg(Oprm1-icre)1Ottc from RGD.

Species: Rattus norvegicus

Notes: Targeted knock-in adding a T2A-iCre to the Oprm1 (mu opioid receptor) in this cre recombinase reporter SD rat [Rat Resource and Research Center](#)

Catalog Number: 00975

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Live Animals; Cryopreserved Embryo; Cryopreserved Sperm (as of 2023-12-13)

Alternate IDs: RGD_155641245, 155641245, RRRC_975, RRRC_0975, RRRC_00975

Organism Name: SD-Tg(Oprm1-icre)1Ottc

Record Creation Time: 20240103T225350+0000

Record Last Update: 20260912T111901+0000

Ratings and Alerts

No rating or validation information has been found for SD-Tg(Oprm1-icre)1Ottc .

No alerts have been found for SD-Tg(Oprm1-icre)1Ottc .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Bossert JM, et al. (2023) Effect of Selective Lesions of Nucleus Accumbens ??-Opioid Receptor-Expressing Cells on Heroin Self-Administration in Male and Female Rats: A Study with Novel Oprm1-Cre Knock-in Rats. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(10), 1692.