

Resource Summary Report

Generated by T1D on Sep 5, 2026

W-Tg(tetO-Pou5f1,-Klf4,-Sox2,Ubc-rtTA,-EGFP)T1-3Hina

RRID:RGD_9685755

Type: Organism

Proper Citation

RRID:RGD_9685755

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=9685755>

Proper Citation: RRID:RGD_9685755

Description: Rattus norvegicus with name W-Tg(tetO-Pou5f1,-Klf4,-Sox2,Ubc-rtTA,-EGFP)T1-3Hina from RGD.

Species: Rattus norvegicus

Notes: Doxycycline induced mouse Oct3/4, Klf4, Sox2/ Ubc-promoter EGFP was introduced into embryonic fibroblast of Wistar rat (Slc:Wistar)by replication incompetent type lentivirus vector and iPS cells were induced. Chimeric rats (male) were generated from this iPS cells, and crossed with the wild-type Wistar rat (female). [National BioResource Project for the Rat in Japan](#)

Catalog Number: 9685755

Background: transgenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo

Alternate IDs: 9685755

Organism Name: W-Tg(tetO-Pou5f1,-Klf4,-Sox2,Ubc-rtTA,-EGFP)T1-3Hina

Record Creation Time: 20230509T191945+0000

Record Last Update: 20260829T184946+0000

Ratings and Alerts

No rating or validation information has been found for W-Tg(tetO-Pou5f1,-Klf4,-Sox2,Ubc-rtTA,-EGFP)T1-3Hina.

No alerts have been found for W-Tg(tetO-Pou5f1,-Klf4,-Sox2,Ubc-rtTA,-EGFP)T1-3Hina.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Pernecker M, et al. (2025) Guilty by association: direct interaction with the tetraspanin CD63 suggests a role for organic cation transporter 3 in histamine release from granulocytes. Journal of biomedical science, 32(1), 68.

Clauss NJ, et al. (2023) Ethanol inhibits dopamine uptake via organic cation transporter 3: Implications for ethanol and cocaine co-abuse. Molecular psychiatry, 28(7), 2934.