

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

WI-Tg(Per1-luc)Ylab

RRID:RGD_8552279

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=8552279>

Proper Citation: RRID:RGD_8552279

Description: Rattus norvegicus with name WI-Tg(Per1-luc)Ylab from RGD.

Species: Rattus norvegicus

Notes: The original work using this transgenic rat was published in Science (Yamazaki et al. 2000). This transgenic rat was generated in the Wistar outbred strain (Charles River, Japan). We maintained the L1 line. The transgenic rat was generated using a DNA construct in which the mouse Period1 promoter drives firefly luciferase [National BioResource Project for the Rat in Japan](#)

Catalog Number: 8552279

Background: transgenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm

Alternate IDs: 8552279

Organism Name: WI-Tg(Per1-luc)Ylab

Record Creation Time: 20230509T191944+0000

Record Last Update: 20260829T184945+0000

Ratings and Alerts

No rating or validation information has been found for WI-Tg(Per1-luc)Ylab.

No alerts have been found for WI-Tg(Per1-luc)Ylab.

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.