

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

WTC/Kyo

RRID:RGD_10047

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10047>

Proper Citation: RRID:RGD_10047

Description: Rattus norvegicus with name WTC/Kyo from RGD.

Species: Rattus norvegicus

Notes: WTC was established as a coisogenic strain (tm+ / +>) from TRM (F18) in 1988. A missense mutation (c. 1061 C>T, p. A354V) in the hyperpolarization-activated cyclic nucleotide-gated 1 channel (Hcn1) gene (Ohno et al. 2015). [National BioResource Project for the Rat in Japan](#)

Catalog Number: 10047

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals; Cryopreserved Embryo; Cryopreserved Sperm (as of 2018-01-03)

Alternate IDs: 10047

Organism Name: WTC/Kyo

Record Creation Time: 20230509T191926+0000

Record Last Update: 20260919T201812+0000

Ratings and Alerts

No rating or validation information has been found for WTC/Kyo.

No alerts have been found for WTC/Kyo.

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.