

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

WKY/NCrI

RRID:RGD_1358112

Type: Organism

Proper Citation

RRID:RGD_1358112

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1358112>

Proper Citation: RRID:RGD_1358112

Description: Rattus norvegicus with name WKY/NCrI from RGD.

Species: Rattus norvegicus

Notes: Outbred Wistar stock from Kyoto School of Medicine to NIH in 1971, to Charles River in 1974 from NIH at F11 [Charles River Laboratories](#)

Catalog Number: 1358112

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 1358112

Organism Name: WKY/NCrI

Record Creation Time: 20230509T191931+0000

Record Last Update: 20260912T202507+0000

Ratings and Alerts

No rating or validation information has been found for WKY/NCrI.

No alerts have been found for WKY/NCrI.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Riggs LM, et al. (2025) Bioactive ketamine metabolite exerts in vivo neuroplastogenic effects to improve hippocampal function in a treatment-resistant depression model. *Cell reports*, 44(6), 115743.

Duffy EP, et al. (2024) Sex and genetic background influence intravenous oxycodone self-administration in the hybrid rat diversity panel. *Frontiers in psychiatry*, 15, 1505898.

Duffy EP, et al. (2024) Genetic background and sex influence somatosensory sensitivity and oxycodone analgesia in the Hybrid Rat Diversity Panel. *Genes, brain, and behavior*, 23(2), e12894.

Farinha-Ferreira M, et al. (2024) Unmoving and uninflamed: Characterizing neuroinflammatory dysfunction in the Wistar-Kyoto rat model of depression. *Journal of neurochemistry*.

Fitzpatrick M, et al. (2024) Protein-coding mutation in *Adcy3* increases adiposity and alters emotional behaviors sex-dependently in rats. *bioRxiv : the preprint server for biology*.

Wagner VA, et al. (2023) The Power of the Heterogeneous Stock Rat Founder Strains in Modeling Metabolic Disease. *Endocrinology*, 164(12).

Lu YJ, et al. (2021) Targeting folate receptor beta on monocytes/macrophages renders rapid inflammation resolution independent of root causes. *Cell reports. Medicine*, 2(10), 100422.