Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 2026

WKY/NCrl

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/NCrl 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/NCrl

Record Creation Time: 20230509T191931+0000

Record Last Update: 20260725T194236+0000

Ratings and Alerts

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

No alerts have been found for WKY/NCrl.

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 PRECISE-TBI .

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.