

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

Wpk

RRID:RGD_14995941

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=14995941>

Proper Citation: RRID:RGD_14995941

Description: Rattus norvegicus with name Wpk from RGD.

Species: Rattus norvegicus

Notes: The wpk mutation was first recognized in 1994 in a colony of outbred Wistar rats at Utrecht University (Utrecht, The Netherlands). In 1996, a breeding pair of test-proven heterozygotes were transferred to the University of Rotterdam (Rotterdam, The Netherlands), and a new subcolony was initiated. This colony has been maintained by brother-sister matings for more than five generations. Individuals heterozygous for the mutant allele were identified in each generation by test-crossing phenotypically normal offspring from known heterozygotes. A single C to T substitution in exon 12 was identified as the mutated allele in the Wpk rat. This mutation converts a proline to a leucine in the protein products(P394L). This mutation was not present in the parental Wistar strain.

Catalog Number: 14995941

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 14995941

Organism Name: Wpk

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260829T184955+0000

Ratings and Alerts

No rating or validation information has been found for Wpk.

No alerts have been found for Wpk.

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.