

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

WKY-Cyp2j4^{em1Sage}/Tja

RRID:RGD_12904679

Type: Organism

Proper Citation

RRID:RGD_12904679

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=12904679>

Proper Citation: RRID:RGD_12904679

Description: Rattus norvegicus with name WKY-Cyp2j4^{em1Sage}/Tja from RGD.

Species: Rattus norvegicus

Notes: ZFN system was used to introduce a 25-bp deletion mutation in the exon 4 of Cyp2j4 gene of WKY/NCrl rat embryos. This deletion results in premature stop of protein translation.

Catalog Number: 12904679

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 12904679

Organism Name: WKY-Cyp2j4^{em1Sage}/Tja

Record Creation Time: 20230509T191948+0000

Record Last Update: 20260919T201848+0000

Ratings and Alerts

No rating or validation information has been found for WKY-Cyp2j4^{em1Sage}/Tja.

No alerts have been found for WKY-*Cyp2j4^{em1Sage}*/Tja.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Chenouard V, et al. (2021) Advances in Genome Editing and Application to the Generation of Genetically Modified Rat Models. *Frontiers in genetics*, 12, 615491.