

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

WI-Mc4r^{m1Hubr}

RRID:RGD_13825199

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=13825199>

Proper Citation: RRID:RGD_13825199

Description: Rattus norvegicus with name WI-Mc4r^{m1Hubr} from RGD.

Species: Rattus norvegicus

Notes: The Mc4r mutant rat line was generated by target-selected ENU-driven mutagenesis, and high-throughput resequencing of genomic target sequences in progeny from mutagenized rats (Wistar/Crl background) revealed an ENU-induced premature stop codon in helix 8 (K314X) of Mc4r. The heterozygous mutant rat was backcrossed to wild-type Wistar background for six generations to eliminate confounding effects from background mutations induced by ENU.

Catalog Number: 13825199

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 13825199

Organism Name: WI-Mc4r^{m1Hubr}

Record Creation Time: 20230509T191949+0000

Record Last Update: 20260808T193745+0000

Ratings and Alerts

No rating or validation information has been found for WI-Mc4r^{m1Hubr}.

No alerts have been found for WI-Mc4r^{m1Hubr}.

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.