

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

NMcwiWfsm:HS

RRID:RGD_13673907

Type: Organism

Proper Citation

RRID:RGD_13673907

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=13673907>

Proper Citation: RRID:RGD_13673907

Description: Rattus norvegicus with name NMcwiWfsm:HS from RGD.

Species: Rattus norvegicus

Notes: These HS rats were derived from NMcwi:HS, used to be maintained by Dr. Solberg Woods at Medical College of Wisconsin and now are maintained at Wake Forest Baptist Medical Center by Dr. Solberg Woods's Laboratory starting in 2017.

Catalog Number: 13673907

Background: outbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 13673907

Organism Name: NMcwiWfsm:HS

Record Creation Time: 20230509T191947+0000

Record Last Update: 20260808T193743+0000

Ratings and Alerts

No rating or validation information has been found for NMcwiWfsm:HS.

No alerts have been found for NMcwiWfsm:HS.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Lara MK, et al. (2026) Genome-wide association study of cocaine self-administration behavior in Heterogeneous Stock rats. Nature communications, 17(1).

Sneddon EA, et al. (2026) High incidence of estrous cycle irregularities in heterogeneous stock (HS) rats is associated with footshock-resistant cocaine intake. Psychopharmacology.

Plasil SL, et al. (2026) Addiction-Like Severity Predicts Prolonged Oxycodone Withdrawal-Induced Allodynia in Genetically Diverse Rats. bioRxiv : the preprint server for biology.

Rakowski EA, et al. (2025) Dissociation of intake and incentive sensitization during intermittent- and continuous-access heroin self-administration in rats. Psychopharmacology, 242(4), 867.

Doyle MR, et al. (2025) A Preclinical Alcohol Biobank: Samples from Behaviorally Characterized HS Rats for AUD Research. eNeuro, 12(9).

Lara MK, et al. (2025) Genome-wide association study of cocaine self-administration behavior in Heterogeneous Stock rats. bioRxiv : the preprint server for biology.

Chen D, et al. (2024) A Cost-effective, High-throughput, Highly Accurate Genotyping Method for Outbred Populations. bioRxiv : the preprint server for biology.

Chen D, et al. (2024) A Cost-effective, High-throughput, Highly Accurate Genotyping Method for Outbred Populations. G3 (Bethesda, Md.).

Lara MK, et al. (2024) Genome-wide association study of delay discounting in Heterogeneous Stock rats. Genes, brain, and behavior, 23(4), e12909.

de Jong TV, et al. (2024) A revamped rat reference genome improves the discovery of genetic diversity in laboratory rats. Cell genomics, 4(4), 100527.

Gancarz AM, et al. (2023) Reward Maximization Assessed Using a Sequential Patch Depletion Task in a Large Sample of Heterogeneous Stock Rats. Research square.

Lara MK, et al. (2023) Genome-wide association study of delay discounting in Heterogenous Stock rats. bioRxiv : the preprint server for biology.

de Jong TV, et al. (2023) A revamped rat reference genome improves the discovery of genetic diversity in laboratory rats. *bioRxiv : the preprint server for biology*.

Gancarz AM, et al. (2023) Reward maximization assessed using a sequential patch depletion task in a large sample of heterogeneous stock rats. *Scientific reports*, 13(1), 7027.

Fowler S, et al. (2022) Genome-wide association study finds multiple loci associated with intraocular pressure in HS rats. *Frontiers in genetics*, 13, 1029058.