

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

HS/Rrrc High Self-Administration

RRID:RRRC_00537

Type: Organism

Proper Citation

RRID:RRRC_00537

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=6482256

Proper Citation: RRID:RRRC_00537

Description: Rattus norvegicus with name HS/Rrrc from RGD.

Species: Rattus norvegicus

Notes: Developed from selective breeding of outbred Wistar rats. Selectively bred over six generations for increased intravenous drug self-administration with subsequent inbreeding within this strain over six generations. [Rat Resource and Research Center](#)

Catalog Number: 00537

Background: inbred

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryorecovery (as of 2019-02-01)

Alternate IDs: RGD_6482256, 6482256, RRRC_537, RRRC_0537, RRRC_00537

Organism Name: HS/Rrrc High Self-Administration

Record Creation Time: 20230607T202006+0000

Record Last Update: 20260815T100425+0000

Ratings and Alerts

No rating or validation information has been found for HS/Rrrc High Self-Administration.

No alerts have been found for HS/Rrrc High Self-Administration.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Xu H, et al. (2017) Extracellular dopamine, acetylcholine, and activation of dopamine D1 and D2 receptors after selective breeding for cocaine self-administration in rats. Psychopharmacology, 234(16), 2475.