

# Resource Summary Report

Generated by T1D on Sep 18, 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](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:** 20260912T111859+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/Rrc High Self-Administration.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Resource and Research Center (RRRC)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#).

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.