

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

LS/Rrrc Low Self-Administration

RRID:RRRC_00536

Type: Organism

Proper Citation

RRID:RRRC_00536

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=6482259

Proper Citation: RRID:RRRC_00536

Description: Rattus norvegicus with name LS/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: 00536

Background: inbred

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryopreserved Embryo; Cryopreserved Sperm; Cryorecovery (as of 2017-01-13)

Alternate IDs: RGD_6482259, 6482259, RRRC_536, RRRC_0536, RRRC_00536

Organism Name: LS/Rrrc Low Self-Administration

Record Creation Time: 20230607T202006+0000

Record Last Update: 20260725T094204+0000

Ratings and Alerts

No rating or validation information has been found for LS/Rrrc Low Self-Administration.

No alerts have been found for LS/Rrrc Low Self-Administration.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Grasing MJ, et al. (2021) Changes Depression- and Anxiety- like Behaviors following Selective Breeding for Cocaine Reinforcement. Psychiatry research, 295, 113637.

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.