

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 24, 2025

Crl:LIS

RRID:RGD_2312466

Type: Organism

Proper Citation

RRID:RGD_2312466

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=2312466>

Proper Citation: RRID:RGD_2312466

Description: Rattus norvegicus with name Crl:LIS from RGD.

Species: Rattus norvegicus

Notes: These rats have taken their names from the Lister Institute, where the stocks first originated. From Glaxo to Charles River UK in 1990 and again in 1996. To Charles River Geramny in 2007. Noted for its docility and good breeding performance. [Charles River Laboratories](#)

Catalog Number: 2312466

Background: outbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Organism Name: Crl:LIS

Record Creation Time: 20230509T191938+0000

Record Last Update: 20250420T053212+0000

Ratings and Alerts

No rating or validation information has been found for Crl:LIS.

No alerts have been found for Crl:LIS.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Bevandi J, et al. (2024) Parallel maturation of rodent hippocampal memory and CA1 task representations. *Current biology : CB*, 34(21), 5062.

Santos-Pata D, et al. (2023) Theta-band phase locking during encoding leads to coordinated entorhinal-hippocampal replay. *Current biology : CB*, 33(21), 4570.

Bush D, et al. (2022) Ripple band phase precession of place cell firing during replay. *Current biology : CB*, 32(1), 64.

Sanchez-Ramos C, et al. (2021) Retinal Protection from LED-Backlit Screen Lights by Short Wavelength Absorption Filters. *Cells*, 10(11).

Hasanpour M, et al. (2021) Intensive longitudinal characterization of multidimensional biobehavioral dynamics in laboratory rats. *Cell reports*, 35(2), 108987.

Simões-Pires EN, et al. (2021) Roles of glutamate receptors in a novel in vitro model of early, comorbid cerebrovascular, and Alzheimer's diseases. *Journal of neurochemistry*, 156(4), 539.

Mamad O, et al. (2019) Extrafield Activity Shifts the Place Field Center of Mass to Encode Aversive Experience. *eNeuro*, 6(2).

Merlo E, et al. (2018) A Novel Retrieval-Dependent Memory Process Revealed by the Arrest of ERK1/2 Activation in the Basolateral Amygdala. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(13), 3199.

Salvetti B, et al. (2014) The role of rewarding and novel events in facilitating memory persistence in a separate spatial memory task. *Learning & memory (Cold Spring Harbor, N.Y.)*, 21(2), 61.