

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

LETL

RRID:RGD_68073

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=68073>

Proper Citation: RRID:RGD_68073

Description: Rattus norvegicus with name LETL from RGD.

Species: Rattus norvegicus

Notes: A rat with spontaneous polyurea, polyphagia and polydipsia was found in a colony of outbred Long Evans rats purchased from Charles River in 1982. Selective breeding for diabetes with brother x sister mating was subsequently started at the Tokushima Research Institute, Otsuka Pharmaceutical Co., Japan

Catalog Number: 68073

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 68073

Organism Name: LETL

Record Creation Time: 20230509T191927+0000

Record Last Update: 20260725T194229+0000

Ratings and Alerts

No rating or validation information has been found for LETL.

No alerts have been found for LETL.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Olavarria JF, et al. (2021) Ocular dominance columns in V1 are more susceptible than associated callosal patches to imbalance of eye input during precritical and critical periods. The Journal of comparative neurology, 529(11), 2883.

Caragea VM, et al. (2021) Bidirectional Regulation of Hippocampal Synaptic Plasticity and Modulation of Cumulative Spatial Memory by Dopamine D2-Like Receptors. Frontiers in behavioral neuroscience, 15, 803574.

Andelin AK, et al. (2020) Influence of ocular dominance columns and patchy callosal connections on binocularity in lateral striate cortex: Long Evans versus albino rats. The Journal of comparative neurology, 528(4), 650.