

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

LEA/Hok

RRID:RGD_1302656

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1302656>

Proper Citation: RRID:RGD_1302656

Description: Rattus norvegicus with name LEA/Hok from RGD.

Species: Rattus norvegicus

Notes: Long Evans Agouti derived originally from an outbred Long Evans stock at Hokkaido University and selected for agouti coat colour . It is used as the control strain of the LEC rat, which is reported to exhibit several mutant phenotypes such as hepatic disorder (hts), blockage of the T cell differentiation (thid) and X-ray hypersensitivity (xhs1 and xhs2). [National BioResource Project for the Rat in Japan](#)

Catalog Number: 1302656

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown (as of 2016-12-01)

Alternate IDs: 1302656

Organism Name: LEA/Hok

Record Creation Time: 20230509T191930+0000

Record Last Update: 20260808T193714+0000

Ratings and Alerts

No rating or validation information has been found for LEA/Hok.

No alerts have been found for LEA/Hok.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Gya R, et al. (2023) A test of local adaptation to drought in germination and seedling traits in populations of two alpine forbs across a 2000 mm/year precipitation gradient. Ecology and evolution, 13(2), e9772.

Murata Y, et al. (2018) Thalamus Controls Development and Expression of Arousal States in Visual Cortex. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(41), 8772.

Manella LC, et al. (2017) Stimulation of the Locus Ceruleus Modulates Signal-to-Noise Ratio in the Olfactory Bulb. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(48), 11605.

Merkley CM, et al. (2014) Homeostatic regulation of adult hippocampal neurogenesis in aging rats: long-term effects of early exercise. Frontiers in neuroscience, 8, 174.