

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

LE-*Lrrk2*^{em1Sage}-/-

RRID:RGD_7241056

Type: Organism

Proper Citation

RRID:RGD_7241056

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=7241056>

Proper Citation: RRID:RGD_7241056

Description: Rattus norvegicus with name LE-*Lrrk2*^{em1Sage}-/- from RGD.

Species: Rattus norvegicus

Notes: ZFN mutant founders were backcrossed with Crl:LE to get heterozygous offspring which were intercrossed and offsprings maintained as homozygous [Sigma Advanced Genetic Engineering Labs](#)

Catalog Number: 7241056

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals (as of 2018-08-24)

Alternate IDs: 7241056

Organism Name: LE-*Lrrk2*^{em1Sage}-/-

Record Creation Time: 20230509T191944+0000

Record Last Update: 20260919T201841+0000

Ratings and Alerts

No rating or validation information has been found for LE-*Lrrk2*^{em1Sage}-/-.

No alerts have been found for LE-*Lrrk2^{em1}Sage*^{-/-}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wang S, et al. (2024) Astrocytic LRRK2 Controls Synaptic Connectivity via Regulation of ERM Phosphorylation. bioRxiv : the preprint server for biology.