

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

LE-ROSA26 em1(CAG-Cas9)Ottc

RRID:RRRC_00833

Type: Organism

Proper Citation

RRID:RRRC_00833

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=13208224

Proper Citation: RRID:RRRC_00833

Description: Rattus norvegicus with name LE-ROSA26 em1(CAG-Cas9)Ottc from RGD.

Species: Rattus norvegicus

Notes: The CRISPR/Cas9 knock-in rats have cre recombinase-dependent expression of Cas9 under the control of CAG promoter inserted to the rat ROSA26 locus. ROSA26 is a synonym for rat Thumpd3-as1 (RGD:6491660) and is used as an official symbol for rat strain nomenclature. [Rat Resource and Research Center](#)

Catalog Number: 00833

Background: mutant

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryorecovery (as of 2025-08-29)

Alternate IDs: RGD_13208224, 13208224, RRRC_833, RRRC_0833, RRRC_00833

Organism Name: LE-ROSA26 em1(CAG-Cas9)Ottc

Record Creation Time: 20230607T202007+0000

Record Last Update: 20260905T094655+0000

Ratings and Alerts

No rating or validation information has been found for LE-ROSA26^{em1(CAG-Cas9)Otc} .

No alerts have been found for LE-ROSA26^{em1(CAG-Cas9)Otc} .

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 [NIF](#) .

Bu W, et al. (2025) Rat somatic genome editing enables ER+ breast cancer modeling.
bioRxiv : the preprint server for biology.

Bock S, et al. (2019) Neuron-Specific Genome Modification in the Adult Rat Brain Using
CRISPR-Cas9 Transgenic Rats. Neuron, 102(1), 105.