

# Resource Summary Report

Generated by [kravitz2](#) on Aug 1, 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](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:** 20260725T094207+0000

### Ratings and Alerts

No rating or validation information has been found for LE-ROSA26<sup>em1(CAG-Cas9)Otc</sup> .

No alerts have been found for LE-ROSA26<sup>em1(CAG-Cas9)Otc</sup> .

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Resource and Research Center (RRRC)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.