

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

## SD-ROSA26 *em1(CAG-DdCBE-Mt-co3)*/llas

RRID:RGD\_616335894

Type: Organism

### Proper Citation

RRID:RGD\_616335894

### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=616335894>

**Proper Citation:** RRID:RGD\_616335894

**Description:** Rattus norvegicus with name SD-ROSA26 *em1(CAG-DdCBE-Mt-co3)*/llas from RGD.

**Species:** Rattus norvegicus

**Notes:** The knock in of "CAG-loxP-stop-loxP-DdCBE-Mt-co3" to ROSA26 was induced by CRISPR/Cas9 in SD embryos from Vital River. This ROSA 26 knock in construct carrying DddA-derived cytosine base editor (DdCBE)linked to Mt-co3 was used to introduce premature stop codons in the rat Mt-co3 in mitochondrial genome in the presence of Cre recombinase. Rat Resource Center of China ([www.ratresource.com](http://www.ratresource.com))

**Catalog Number:** 616335894

**Background:** mutant

**Database:** Rat Genome Database (RGD)

**Database Abbreviation:** RGD

**Availability:** Unknown

**Alternate IDs:** 616335894

**Organism Name:** SD-ROSA26 *em1(CAG-DdCBE-Mt-co3)*/llas

**Record Creation Time:** 20250604T091520+0000

**Record Last Update:** 20260808T193753+0000

### Ratings and Alerts

No rating or validation information has been found for SD-ROSA26 *em1*(CAG-DdCBE-Mt-co3/llas.

No alerts have been found for SD-ROSA26 *em1*(CAG-DdCBE-Mt-co3/llas.

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## Data and Source Information

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

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.