

Resource Summary Report

Generated by [kravitz2](#) on Aug 2, 2026

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

RRID:RGD_616335894

Type: Organism

Proper Citation

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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)

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: 20260801T194053+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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.