

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

SD-ROSA26 *em1(CAG-DdCBE-Mt-co3, NeuN-Cre)*/Ilas

RRID:RGD_616336063

Type: Organism

Proper Citation

RRID:RGD_616336063

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=616336063>

Proper Citation: RRID:RGD_616336063

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

Species: Rattus norvegicus

Notes: This rat strain with neuronal specific knock out of Mt-co3 was generated by crossing a rat neuron-specific Cre strain (NeuN-Cre) with SD-ROSA26 *em1(CAG-loxP-stop-loxP-DdCBE-Mt-co3)*/Ilas. Compared with the controls, the neuron-specific Mt-co3 knock out rats were largely normal in the first postnatal month, but progressively developed ALS-like symptoms afterward. Rat Resource Center of China (www.ratresource.com)

Catalog Number: 616336063

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 616336063

Organism Name: SD-ROSA26 *em1(CAG-DdCBE-Mt-co3, NeuN-Cre)*/Ilas

Record Creation Time: 20250604T091520+0000

Record Last Update: 20260919T201857+0000

Ratings and Alerts

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

No alerts have been found for SD-ROSA26 *em1*(CAG-DdCBE-Mt-co3, NeuN-Cre//las.

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 [NIF](#) .

Gonzalez E, et al. (2025) Cancer systems immunology reveals myeloid-T cell interactions and B cell activation mediate response to checkpoint inhibition in metastatic breast cancer. bioRxiv : the preprint server for biology.