

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

SD.LIS-ROSA26^{tm1}(CAG-RCaMP2)Ksak

RRID:RGD_598092586

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=598092586>

Proper Citation: RRID:RGD_598092586

Description: Rattus norvegicus with name SD.LIS-ROSA26^{tm1}(CAG-RCaMP2)Ksak from RGD.

Species: Rattus norvegicus

Notes: The ES cell line derived from Lister Hooded rats (Seac:LIS), which was established by Prof. Sakimura at Department of Animal Model Development, Brain Research Institute, Niigata University, was used. Cloned ES cells established by introducing a vector of RCaMP2-flox stop at the Rosa26 locus were injected into fertilized eggs of SD rats (Slc:SD) using a microinjection method. RCaMP2 stands for red calcium indicator (PMID: 25419959). [National BioResource Project for the Rat in Japan](#)

Catalog Number: 598092586

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2025-03-27)

Alternate IDs: 598092586

Organism Name: SD.LIS-ROSA26^{tm1}(CAG-RCaMP2)Ksak

Record Creation Time: 20250416T090753+0000

Record Last Update: 20260725T194313+0000

Ratings and Alerts

No rating or validation information has been found for SD.LIS-ROSA26^{tm1}(CAG-RCaMP2)Ksak.

No alerts have been found for SD.LIS-ROSA26^{tm1}(CAG-RCaMP2)Ksak.

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.