

Resource Summary Report

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LE-ROSA26^{em1}(EEF1A1-TetR, Fos-iCre)/BhopeRrrc

RRID:RRRC_00953

Type: Organism

Proper Citation

RRID:RRRC_00953

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=151356946

Proper Citation: RRID:RRRC_00953

Description: Rattus norvegicus with name LE-ROSA26^{em1}(EEF1A1-TetR, Fos-iCre)/BhopeRrrc from RGD.

Species: Rattus norvegicus

Notes: Two DNA expression constructs, the bacterial tetracyclin repressor (TetR) under the expression control of human EEF1A1 promoter and the improved Cre recombinase (iCre) under Fos promoter were joined in an antiparallel orientation in one rat ROSA26 targeting cassette. ROSA26 is a synonym for rat Thumpd3-as1 (RGD:6491660) and is used as an official symbol for rat strain nomenclature. The DNA construct, together with CRISPR /Cas9 system, was injected to one cell Long-Evans (Crl:LE) rat embryos and founders were identified and bred for 8 generations at at NIDA IRP (Hope lab). [Rat Resource and Research Center](#)

Catalog Number: 00953

Background: mutant

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Unknown

Alternate IDs: RGD_151356946, 151356946, RRRC_953, RRRC_0953, RRRC_00953

Organism Name: LE-ROSA26^{em1}(EEF1A1-TetR, Fos-iCre)/BhopeRrrc

Record Creation Time: 20230607T202008+0000

Record Last Update: 20260905T094655+0000

Ratings and Alerts

No rating or validation information has been found for LE-ROSA26^{em1}(EEF1A1-TetR, Fos-iCre)/BhopeRrrc .

No alerts have been found for LE-ROSA26^{em1}(EEF1A1-TetR, Fos-iCre)/BhopeRrrc .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.