

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

SD-Tg(Tie2-cre/ERT2)Appsc

RRID:RRRC_00877

Type: Organism

Proper Citation

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Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=149735364

Proper Citation: RRID:RRRC_00877

Description: Rattus norvegicus with name SD-Tg(Tie2-cre/ERT2)Appsc from RGD.

Species: Rattus norvegicus

Notes: The CRISPR/Cas9 system was injected to the Crl:CD(SD)embryo to induce the knock-in Cre-ERT2 cassette at the 3' end of Tie2 gene linked by 2A peptide. This model is used to lineage tracing of vascular endothelial cells by tissue specific expression of creERT2 deposited at [Rat Resource and Research Center](#)

Catalog Number: 00877

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Live Animals (as of 2021-07-19)

Alternate IDs: RGD_149735364, 149735364, RRRC_877, RRRC_0877, RRRC_00877

Organism Name: SD-Tg(Tie2-cre/ERT2)Appsc

Record Creation Time: 20230607T202008+0000

Record Last Update: 20260815T100426+0000

Ratings and Alerts

No rating or validation information has been found for SD-Tg(Tie2-cre/ERT2)Appsc .

No alerts have been found for SD-Tg(Tie2-cre/ERT2)Appsc .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Garcia-Gonzalez I, et al. (2024) iSuRe-HadCre is an essential tool for effective conditional genetics. Nucleic acids research, 52(13), e56.