

Resource Summary Report

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SD-Tg(SMHC-cre/ERT2)AppscRrrc

RRID:RRRC_00878

Type: Organism

Proper Citation

RRID:RRRC_00878

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=126781844

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

Species: Rattus norvegicus

Notes: This mutant strain was created by injecting embryos from 'docking site ready (DSR)' rat strains. The DSR rat strain, or TARGAT /TM rat strain was generated using CRISPR/Cas9. The DSR embryos were microinjected with integrase, a mixture of TARGATT Cre DNA constructs containing rabbit smooth muscle myosin heavy chain (SMHC) gene promoter, and a fluorescent reporter mCherry in the Cre cassette linked by a T2A sequence. The vascular smooth muscle tissue-specific expression of a CreERT2 is tamoxifen-dependent." [Rat Resource and Research Center](#)

Catalog Number: 00878

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Live Animals (as of 2024-01-04)

Alternate IDs: RGD_126781844, 126781844, RRRC_878, RRRC_0878, RRRC_00878

Organism Name: SD-Tg(SMHC-cre/ERT2)AppscRrrc

Record Creation Time: 20230607T202008+0000

Record Last Update: 20260808T100723+0000

Ratings and Alerts

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

No alerts have been found for SD-Tg(SMHC-cre/ERT2)AppscRrrc .

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.