

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

SD-Tg(Gad1-cre/ERT2)AppscRrrc

RRID:RRRC_00874

Type: Organism

Proper Citation

RRID:RRRC_00874

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=126781843

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Description: Rattus norvegicus with name SD-Tg(Gad1-cre/ERT2)AppscRrrc 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 Gad1 (Gad67) gene linked by 2A peptide. This model is used to lineage tracing of glutamate decarboxylase 1 expressing cells such as GABAergic neurons, islet cells and spermatocytes. [Rat Resource and Research Center](#)

Catalog Number: 00874

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryopreserved Embryo; Cryorecovery (as of 2024-01-05)

Alternate IDs: RGD_126781843, 126781843, RRRC_874, RRRC_0874, RRRC_00874

Organism Name: SD-Tg(Gad1-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(Gad1-cre/ERT2)AppscRrrc .

No alerts have been found for SD-Tg(Gad1-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.