

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

SD-Tg(Aqp5-GFP)ZboroRrrc Aqp5EGFP

RRID:RRRC_00427

Type: Organism

Proper Citation

RRID:RRRC_00427

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=4143165

Proper Citation: RRID:RRRC_00427

Description: Rattus norvegicus with name SD-Tg(Aqp5-GFP)ZboroRrrc from RGD.

Species: Rattus norvegicus

Notes: This rat model was developed by perivitelline injection of one cell SD embryos with packaged lentiviral particles containing the pFUGW vector containing the Aqp5 promoter and the EGFP gene. Resulting transgenic founders with mated to wild-type SD rats and heterozygous offspring were obtained. [Rat Resource and Research Center](#)

Catalog Number: 00427

Background: transgenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryopreserved Embryo; Cryopreserved Sperm

Alternate IDs: RGD_4143165, 4143165, RRRC_427, RRRC_0427, RRRC_00427

Organism Name: SD-Tg(Aqp5-GFP)ZboroRrrc Aqp5EGFP

Record Creation Time: 20230607T202006+0000

Record Last Update: 20260829T095501+0000

Ratings and Alerts

No rating or validation information has been found for SD-Tg(Aqp5-GFP)ZboroRrrc Aqp5EGFP.

No alerts have been found for SD-Tg(Aqp5-GFP)ZboroRrrc Aqp5EGFP.

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.