

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

SD-Chrna6^{em1Slot}

RRID:RGD_155900755

Type: Organism

Proper Citation

RRID:RGD_155900755

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=155900755>

Proper Citation: RRID:RGD_155900755

Description: Rattus norvegicus with name SD-Chrna6^{em1Slot} from RGD.

Species: Rattus norvegicus

Notes: Using CRISPR/Cas9 genomic engineering in rats via homologous end-joining in fertilized embryos, we have knocked'in a humanized CHRNA6 3'UTR in place of the natural CHRNA6 3'UTR of the Sprague Dawley rat line. This new genetically modified CHRNA6C123G humanized rat line carries a homozygous GG nucleotide modification at position 123 within the CHRNA6 gene 3'UTR. The laboratory has deposited these strains with the RRRC.

Catalog Number: 155900755

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo; Cryopreserved Sperm (as of 2023-02-09)

Alternate IDs: 155900755

Organism Name: SD-Chrna6^{em1Slot}

Record Creation Time: 20230509T191952+0000

Record Last Update: 20260808T193750+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Chrna6*^{em1Slot}.

No alerts have been found for SD-*Chrna6*^{em1Slot}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.