

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

SD-Lgals3^{em1Dfult}

RRID:RGD_598092509

Type: Organism

Proper Citation

RRID:RGD_598092509

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=598092509>

Proper Citation: RRID:RGD_598092509

Description: Rattus norvegicus with name SD-Lgals3^{em1Dfult} from RGD.

Species: Rattus norvegicus

Notes: Gal-3 KO rats were developed using CRISPR technology on the Sprague-Dawley background (Sage). CRISPR guides were selected targeting the fifth exon, and gene disruption was confirmed by genomic sequencing and immunoblot analysis for Gal-3 protein expression in lung tissue. PMCID: PMC6589585 Availability Contact Email: dfulton@augusta.edu at Augusta University

Catalog Number: 598092509

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals; Cryopreserved Sperm (as of 2025-03-21)

Alternate IDs: 598092509

Organism Name: SD-Lgals3^{em1Dfult}

Record Creation Time: 20250423T090743+0000

Record Last Update: 20260725T194313+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Lgals3^{em1Dfult}*.

No alerts have been found for SD-*Lgals3^{em1Dfult}*.

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.