

# Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

## SD-Lgals3<sup>em1Dfult</sup>

RRID:RGD\_598092509

Type: Organism

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### Proper Citation

RRID:RGD\_598092509

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### 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<sup>em1Dfult</sup> 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<sup>em1Dfult</sup>

**Record Creation Time:** 20250423T090743+0000

**Record Last Update:** 20260912T202543+0000

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### Ratings and Alerts

No rating or validation information has been found for SD-*Lgals3*<sup>em1Dfult</sup>.

No alerts have been found for SD-*Lgals3*<sup>em1Dfult</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.