

# Resource Summary Report

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

## SD-Rag2<sup>em1Hera</sup>

RRID:RGD\_38543943

Type: Organism

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### Proper Citation

RRID:RGD\_38543943

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### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=38543943>

**Proper Citation:** RRID:RGD\_38543943

**Description:** Rattus norvegicus with name SD-Rag2<sup>em1Hera</sup> from RGD.

**Species:** Rattus norvegicus

**Notes:** The Rag2 gene in rat spermatogonia stem cells (SSC, SD-WT2) was targeted by TALENs and resulted in a 27-bp in-frame deletion. The genome modified SSC was transplanted to Busulfan-treated, Dazl-deficient male Sprague Dawley rats and mated with wild type female Sprague Dawley rats 70 to 81 later. The allele was then bred to homozygosity to generate the Sprague-Dawley Rag2 (SDR)-knockout rat.

**Catalog Number:** 38543943

**Background:** mutant

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

**Database Abbreviation:** RGD

**Availability:** Unknown

**Alternate IDs:** 38543943

**Organism Name:** SD-Rag2<sup>em1Hera</sup>

**Record Creation Time:** 20230509T191949+0000

**Record Last Update:** 20260808T193746+0000

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### Ratings and Alerts

No rating or validation information has been found for *SD-Rag2<sup>em1Hera</sup>*.

No alerts have been found for *SD-Rag2<sup>em1Hera</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 found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Sarko LE, et al. (2026) uPAR exhibits age- and region-dependent expression in the brains of mice with Alzheimer's disease-like pathology. *Brain research*, 1886, 150364.

Tian M, et al. (2026) Maturation of HIV-1 neutralizing antibodies in a germinal center conditional expression mouse model. *PLoS pathogens*, 22(6), e1014373.