

# Resource Summary Report

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

## SD-Ace2<sup>em1</sup>(ACE2)Prem

RRID:RGD\_329955557

Type: Organism

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### Proper Citation

RRID:RGD\_329955557

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### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=329955557>

**Proper Citation:** RRID:RGD\_329955557

**Description:** Rattus norvegicus with name SD-Ace2<sup>em1</sup>(ACE2)Prem from RGD.

**Species:** Rattus norvegicus

**Notes:** CRISPR/Cas9 knock-in of the human ACE2 transgene into the endogenous locus of the rat Ace2 gene. Single integration of hACE2, with expression driven by the endogenous rat Ace2 promoter. Provides a more natural expression pattern (versus abundant overexpression as seen in prior models). Deposited this strain with the Rat Resource and Research Center: (RRRC), 4011 Discovery Drive, Columbia, MO 65201. Phone: (573) 884-6076 Fax: 573-882-9857

**Catalog Number:** 329955557

**Background:** mutant

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

**Database Abbreviation:** RGD

**Availability:** Live Animals (as of 2023-07-17)

**Alternate IDs:** 329955557

**Organism Name:** SD-Ace2<sup>em1</sup>(ACE2)Prem

**Record Creation Time:** 20230823T202702+0000

**Record Last Update:** 20260912T202541+0000

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### Ratings and Alerts

No rating or validation information has been found for SD-Ace2<sup>em1</sup>(ACE2)<sup>Prem</sup>.

No alerts have been found for SD-Ace2<sup>em1</sup>(ACE2)<sup>Prem</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.