

Resource Summary Report

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

SD-Ace2^{em1}(ACE2)Prem

RRID:RGD_329955557

Type: Organism

Proper Citation

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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^{em1}(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^{em1}(ACE2)Prem

Record Creation Time: 20230823T202702+0000

Record Last Update: 20260725T194312+0000

Ratings and Alerts

No rating or validation information has been found for SD-Ace2^{em1}(ACE2)^{Prem}.

No alerts have been found for SD-Ace2^{em1}(ACE2)^{Prem}.

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.