

# Resource Summary Report

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

## SD-Akt1<sup>em1</sup>Soar

RRID:RGD\_158013766

Type: Organism

### Proper Citation

RRID:RGD\_158013766

### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=158013766>

**Proper Citation:** RRID:RGD\_158013766

**Description:** Rattus norvegicus with name SD-Akt1<sup>em1</sup>Soar from RGD.

**Species:** Rattus norvegicus

**Notes:** This Akt mutant strain was created in zygotes from Holtzman Sprague-Dawley. Guided RNAs targeting exon 4 (target sequence: GCCGTTTGAGTCCATCAGCC; nucleotides 356-375) and exon 7 (target sequence: TTGTCATGGAGTACGCCAAT; nucleotides 712-731) of the Akt1 gene (NM\_033230.3) were injected to the embryos to create a 1332-bp deletion from exon 4 to exon 7, resulting a premature stop of the protein.

**Catalog Number:** 158013766

**Background:** mutant

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

**Database Abbreviation:** RGD

**Availability:** Unknown

**Alternate IDs:** 158013766

**Organism Name:** SD-Akt1<sup>em1</sup>Soar

**Record Creation Time:** 20230509T191952+0000

**Record Last Update:** 20260808T193750+0000

### Ratings and Alerts

No rating or validation information has been found for SD-*Akt1<sup>em1Soar</sup>*.

No alerts have been found for SD-*Akt1<sup>em1Soar</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.