

Resource Summary Report

Generated by [dkNET](#) on Sep 23, 2026

SD-Akt1^{em1}Soar

RRID:RGD_158013766

Type: Organism

Proper Citation

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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^{em1}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 in 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^{em1}Soar

Record Creation Time: 20230509T191952+0000

Record Last Update: 20260919T201854+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Akt1^{em1Soar}*.

No alerts have been found for SD-*Akt1^{em1Soar}*.

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.