

Resource Summary Report

Generated by [dkNET](#) on Sep 11, 2026

SD-Foxo4^{em1Soar}

RRID:RRRC_00957

Type: Organism

Proper Citation

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Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=405855876

Proper Citation: RRID:RRRC_00957

Description: Rattus norvegicus with name SD-Foxo4^{em1Soar} from RGD.

Species: Rattus norvegicus

Notes: This Foxo4 mutant strain was created in zygotes from Holtzman Sprague-Dawley. Guided RNAs targeting exon 2 (target sequence: CCAGATATACGAATGGATGGTCC; nucleotides 517-539) and exon 3 (target sequence: GTTCATCAAGGTACATAACGAGG; nucleotides 631-653) of the Foxo4 gene (NM_001106943.1)) were injected to the embryos to create a 3096-bp deletion including the 3' part of exon 2 and 5' part of exon 3, and resulting a premature stop of the protein. [Rat Resource and Research Center](#)

Catalog Number: 00957

Background: mutant

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Unknown

Alternate IDs: RGD_405855876, 405855876, RRRC_957, RRRC_0957, RRRC_00957

Organism Name: SD-Foxo4^{em1Soar}

Record Creation Time: 20250331T202446+0000

Record Last Update: 20260905T094655+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Foxo4^{em1}Soar* .

No alerts have been found for SD-*Foxo4^{em1}Soar* .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.