

Resource Summary Report

Generated by [kravitz2](#) on Sep 4, 2026

SD-Dp(*Sult1a1-Spn*)/YahlcsOrl

RRID:RGD_626168271

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=626168271>

Proper Citation: RRID:RGD_626168271

Description: Rattus norvegicus with name SD-Dp(*Sult1a1-Spn*)/YahlcsOrl from RGD.

Species: Rattus norvegicus

Notes: Sprague Dawley rat. Tandem duplication of the genetic interval between *Sult1a1* and *Spn* genes using CRISPR/Cas9 engineering. We targeted the genetic interval borders from one allele and the CRISPR/Cas9 system allowed us to cut and transpose those sequences to the same locus on the second allele. Heterozygous animals are Overweight and hypoactivity. [European Mouse Mutant Archive\(EMMA\)](#)

Catalog Number: 626168271

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo; Cryorecovery (as of 2025-08-29)

Alternate IDs: 626168271

Organism Name: SD-Dp(*Sult1a1-Spn*)/YahlcsOrl

Record Creation Time: 20250910T064905+0000

Record Last Update: 20260829T185002+0000

Ratings and Alerts

No rating or validation information has been found for SD-Dp(*Sult1a1-Spn*)/YahlcsOrl.

No alerts have been found for SD-Dp(*Sult1a1-Spn*)/YahlcsOrl.

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.