

# Resource Summary Report

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

## SD-Wfs1<sup>em1Ptsn</sup>

RRID:RGD\_149735334

Type: Organism

### Proper Citation

RRID:RGD\_149735334

### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=149735334>

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**Description:** Rattus norvegicus with name SD-Wfs1<sup>em1Ptsn</sup> from RGD.

**Species:** Rattus norvegicus

**Notes:** Rat Wfs1 exon 5-specific zinc-finger nucleases (ZNFs) and microinjection-ready mRNA were injected to embryos harvested from female Sprague-Dawley rats (CrI: CD(SD) )rats. Thereafter, microinjected egg cells were transferred to the oviduct of pseudopregnant Sprague-Dawley recipients. Three different Wfs1 mutant rat lines were created: Wfs1<sup>em1</sup> ( Wfs1-ex5-KO232), Wfs1<sup>em2</sup> (Wfs1-ex5-KO266) and Wfs1<sup>em3</sup> (Wfs1-ex5-INS244). Wfs1<sup>em1</sup> rats carry a 184 bp deletion, resulting 27 amino acids deletion in exon 5 (aa212-238) and a new GCC codon(alanine).

**Catalog Number:** 149735334

**Background:** mutant

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

**Database Abbreviation:** RGD

**Availability:** Unknown

**Alternate IDs:** 149735334

**Organism Name:** SD-Wfs1<sup>em1Ptsn</sup>

**Record Creation Time:** 20230509T191951+0000

**Record Last Update:** 20260725T194309+0000

### Ratings and Alerts

No rating or validation information has been found for SD-*Wfs1*<sup>em1Ptsn</sup>.

No alerts have been found for SD-*Wfs1*<sup>em1Ptsn</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.