

# Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

## SD-Pten<sup>em1Sage</sup>

RRID:RGD\_11568062

Type: Organism

### Proper Citation

RRID:RGD\_11568062

### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=11568062>

**Proper Citation:** RRID:RGD\_11568062

**Description:** Rattus norvegicus with name SD-Pten<sup>em1Sage</sup> from RGD.

**Species:** Rattus norvegicus

**Notes:** The ZFN mutant rat strain was produced by injecting zinc finger nuclease targeting rat Pten into Sprague Dawley embryos. This mutant rat has a 7-bp deletion in exon7 resulting in knockout of Pten. [Horizon Discovery](#)

**Catalog Number:** 11568062

**Background:** mutant

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

**Database Abbreviation:** RGD

**Availability:** Live Animals (as of 2016-12-13)

**Alternate IDs:** 11568062

**Organism Name:** SD-Pten<sup>em1Sage</sup>

**Record Creation Time:** 20230509T191947+0000

**Record Last Update:** 20260815T190712+0000

### Ratings and Alerts

No rating or validation information has been found for SD-Pten<sup>em1Sage</sup>.

No alerts have been found for SD-*Pten*<sup>em1Sage</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 found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#).

Delangre E, et al. (2025) Comparative analysis of S100A10 and S100A11 in MASLD and hepatic cancer development revealed a tumor suppressive role for S100A10. Cell death & disease, 16(1), 633.