

# Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

## SD-Add3<sup>em1Mcowi</sup>/ Roman

RRID:RGD\_150429615

Type: Organism

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### Proper Citation

RRID:RGD\_150429615

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### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=150429615>

**Proper Citation:** RRID:RGD\_150429615

**Description:** Rattus norvegicus with name SD-Add3<sup>em1Mcowi</sup>/ Roman from RGD.

**Species:** Rattus norvegicus

**Notes:** ZFN system was used to Knock out the rat Add3 gene of Crl:SD rat embryos. The ZFN mRNA was injected into the pronucleus of fertilized SpragueDawley embryos and transferred to the oviduct of pseudopregnant females. PCR genotyping of tail biopsies confirmed a 14-bp deletion using forward primer 5'-GCCCCCATGAGTCACTACAC-3' and reverse primer 5'-GCTACAGGAAGCATCTCCTGTG-3'. Founders with Add3 deletion were backcrossed to the parental strain to generate heterozygous F1 rats. Heterozygous F1 siblings were then intercrossed to derive a homozygous KO line used

**Catalog Number:** 150429615

**Background:** mutant

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

**Database Abbreviation:** RGD

**Availability:** Unknown (as of 2021-09-09)

**Alternate IDs:** 150429615

**Organism Name:** SD-Add3<sup>em1Mcowi</sup>/ Roman

**Record Creation Time:** 20230509T191950+0000

**Record Last Update:** 20260829T184954+0000

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### Ratings and Alerts

No rating or validation information has been found for SD-*Add3<sup>em1Mcwi</sup>*/ Roman.

No alerts have been found for SD-*Add3<sup>em1Mcwi</sup>*/ Roman.

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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.