

# Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

## LEW-*Chrna4*<sup>em4Mcwi</sup>

RRID:RGD\_10054379

Type: Organism

### Proper Citation

RRID:RGD\_10054379

### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10054379>

**Proper Citation:** RRID:RGD\_10054379

**Description:** Rattus norvegicus with name LEW-*Chrna4*<sup>em4Mcwi</sup> from RGD.

**Species:** Rattus norvegicus

**Notes:** CRISPR/Cas9 system was used to introduce a mutation in the *Chrna4* gene of LEW/NCrl rat embryos. The resulting mutation is a 5-bp deletion in the *Chrna4* gene. Contact MCW rat distribution at [mcwcustomrats@mcw.edu](mailto:mcwcustomrats@mcw.edu)

**Catalog Number:** 10054379

**Background:** mutant

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

**Database Abbreviation:** RGD

**Availability:** Cryopreserved Sperm (as of 2018-11-26)

**Alternate IDs:** 10054379

**Organism Name:** LEW-*Chrna4*<sup>em4Mcwi</sup>

**Record Creation Time:** 20230509T191927+0000

**Record Last Update:** 20260725T194229+0000

### Ratings and Alerts

No rating or validation information has been found for LEW-*Chrna4*<sup>em4Mcwi</sup>.

No alerts have been found for LEW-*Chrna4*<sup>em4Mcowi</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.