

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

LEW-*Chrna4*^{em3Mcwi}

RRID:RGD_10054383

Type: Organism

Proper Citation

RRID:RGD_10054383

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10054383>

Proper Citation: RRID:RGD_10054383

Description: Rattus norvegicus with name LEW-*Chrna4*^{em3Mcwi} 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 16-bp deletion in the *Chrna4* gene. Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 10054383

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

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

Alternate IDs: 10054383

Organism Name: LEW-*Chrna4*^{em3Mcwi}

Record Creation Time: 20230509T191927+0000

Record Last Update: 20260912T202500+0000

Ratings and Alerts

No rating or validation information has been found for LEW-*Chrna4*^{em3Mcwi}.

No alerts have been found for LEW-*Chrna4*^{em3Mcowi}.

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.