

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

LE-Scn2a^{em1Mcwi}

RRID:RGD_25394530

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=25394530>

Proper Citation: RRID:RGD_25394530

Description: Rattus norvegicus with name LE-Scn2a^{em1Mcwi} from RGD.

Species: Rattus norvegicus

Notes: The rat strain was produced by injecting CRISPR/Cas9 targeting rat Scn2a into Crl:LE embryos. The mutant allele was produced by injecting CRISPR/Cas9 targeting rat Scn2a into Crl:LE embryos. The resulting mutation is net 4-bp deletion in exon 5 comprising a 10-bp deletion (shown in lower case: CTACGGGATccctggaattGTTGGATTTCACAGTCATT) and a 6-bp insertion (TTCACT). [Autism Rat Model Resource](#). Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 25394530

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals (as of 2025-02-20)

Alternate IDs: 25394530

Organism Name: LE-Scn2a^{em1Mcwi}

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260725T194308+0000

Ratings and Alerts

No rating or validation information has been found for LE-*Scn2a*^{em1Mcwi}.

No alerts have been found for LE-*Scn2a*^{em1Mcwi}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Kastner DB, et al. (2024) The choice-wide behavioral association study: data-driven identification of interpretable behavioral components. bioRxiv : the preprint server for biology.