

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

LE-Arid1b^{em1Mcowi}

RRID:RGD_14394518

Type: Organism

Proper Citation

RRID:RGD_14394518

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=14394518>

Proper Citation: RRID:RGD_14394518

Description: Rattus norvegicus with name LE-Arid1b^{em1Mcowi} from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 system was used to introduce a mutation in the Arid1b gene of Crl:LE rat embryos. The resulting mutation is deletion of exon 4. [Autism Rat Model Resource](#), Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 14394518

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

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

Alternate IDs: 14394518

Organism Name: LE-Arid1b^{em1Mcowi}

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260829T184957+0000

Ratings and Alerts

No rating or validation information has been found for LE-Arid1b^{em1Mcowi}.

No alerts have been found for LE-*Arid1b*^{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 [dkNET](#).

Klibaite U, et al. (2025) Mapping the landscape of social behavior. Cell, 188(8), 2249.